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**Agenda - Final**

**Thursday, April 22, 2021**

**10:00 AM**

To give written or live public comment, please see the top of page 4

## **Board of Directors - Regular Board Meeting**

*Eric Garcetti, Chair  
Hilda L. Solis, 1st Vice Chair  
Ara Najarian, 2nd Vice Chair  
Kathryn Barger  
Mike Bonin  
James Butts  
Jacquelyn Dupont-Walker  
Fernando Dutra  
Janice Hahn  
Paul Krekorian  
Sheila Kuehl  
Holly Mitchell  
Tim Sandoval  
Tony Tavares, non-voting member*

*Phillip A. Washington, Chief Executive Officer*

**METROPOLITAN TRANSPORTATION AUTHORITY BOARD RULES**  
(ALSO APPLIES TO BOARD COMMITTEES)

**PUBLIC INPUT**

A member of the public may address the Board on agenda items, before or during the Board or Committee's consideration of the item for one (1) minute per item, or at the discretion of the Chair. A request to address the Board must be submitted electronically using the tablets available in the Board Room lobby. Individuals requesting to speak will be allowed to speak for a total of three (3) minutes per meeting on agenda items in one minute increments per item. For individuals requiring translation service, time allowed will be doubled. The Board shall reserve the right to limit redundant or repetitive comment.

The public may also address the Board on non agenda items within the subject matter jurisdiction of the Board during the public comment period, which will be held at the beginning and/or end of each meeting. Each person will be allowed to speak for one (1) minute during this Public Comment period or at the discretion of the Chair. Speakers will be called according to the order in which their requests are submitted. Elected officials, not their staff or deputies, may be called out of order and prior to the Board's consideration of the relevant item.

Notwithstanding the foregoing, and in accordance with the Brown Act, this agenda does not provide an opportunity for members of the public to address the Board on any Consent Calendar agenda item that has already been considered by a Committee, composed exclusively of members of the Board, at a public meeting wherein all interested members of the public were afforded the opportunity to address the Committee on the item, before or during the Committee's consideration of the item, and which has not been substantially changed since the Committee heard the item.

In accordance with State Law (Brown Act), all matters to be acted on by the MTA Board must be posted at least 72 hours prior to the Board meeting. In case of emergency, or when a subject matter arises subsequent to the posting of the agenda, upon making certain findings, the Board may act on an item that is not on the posted agenda.

**CONDUCT IN THE BOARD ROOM** - The following rules pertain to conduct at Metropolitan Transportation Authority meetings:

**REMOVAL FROM THE BOARD ROOM** The Chair shall order removed from the Board Room any person who commits the following acts with respect to any meeting of the MTA Board:

- a. Disorderly behavior toward the Board or any member of the staff thereof, tending to interrupt the due and orderly course of said meeting.
- b. A breach of the peace, boisterous conduct or violent disturbance, tending to interrupt the due and orderly course of said meeting.
- c. Disobedience of any lawful order of the Chair, which shall include an order to be seated or to refrain from addressing the Board; and
- d. Any other unlawful interference with the due and orderly course of said meeting.

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x3 *中文 (Chinese)*

x4 *한국어 (Korean)*

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### Live Public Comment Instructions:

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The Board Meeting begins at 10:00 AM Pacific Time on April 22, 2021; you may join the call 5 minutes prior to the start of the meeting.

Dial-in: 888-251-2949 and enter  
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***Public comment on all numbered agenda items will be taken at the beginning of the meeting. General public comment will be heard after the conclusion of the non-consent agenda. To give public comment, enter #2 (pound-two) when the comment period opens. Please note that the live video feed lags about 30 seconds behind the actual meeting. There is no lag on the public comment dial-in line.***

### Instrucciones para comentarios públicos en vivo:

Los comentarios públicos en vivo solo se pueden dar por teléfono.

La Reunión de la Junta comienza a las 10:00 AM, hora del Pacífico, el 22 de Abril de 2021. Puedes unirte a la llamada 5 minutos antes del comienzo de la junta.

Marque: 888-251-2949 y ingrese el código  
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***Los comentarios del público sobre todos los puntos de la agenda numerados se tomarán al comienzo de la reunión. Los comentarios del público en general se escucharán después de la conclusión de la agenda de no consentimiento. Para dar un comentario público, ingrese # 2 (Tecla de número y dos) cuando se abra el período de comentarios. Por favor tenga en cuenta que la transmisión de video en vivo se retrasa unos 30 segundos con respecto a la reunión real. No hay retraso en la línea de acceso telefónico para comentarios públicos.***

### Written Public Comment Instruction:

Written public comments must be received by 5PM the day before the meeting.

Please include the Item # in your comment.

Email: goin@metro.net

Post Office Mail: Board Secretary's Office, One Gateway Plaza, MS: 99-3-1,  
Los Angeles, CA 90012

**CALL TO ORDER**

**ROLL CALL**

1. APPROVE Consent Calendar Items: 2, 5, 7, 8, 11, 12, 13, 15, 16, 18, 21, 22, 25, 31\*, 32, 39, 41, 44, 48, and 49.

\*Item requires 2/3 vote.

**CONSENT CALENDAR**

2. **SUBJECT: MINUTES** [2021-0234](#)

**RECOMMENDATION**

APPROVE Minutes of the Regular Board Meeting held March 25, 2021.

**Attachments:** [Regular Board Meeting MINUTES - March 25, 2021 RBM](#)

**FINANCE, BUDGET, AND AUDIT COMMITTEE MADE THE FOLLOWING RECOMMENDATION (4-0):**

5. **SUBJECT: DEBT POLICY** [2021-0122](#)

**RECOMMENDATION**

ADOPT the Debt Policy (included as Attachment A).

**Attachments:** [Attachment A - Debt Policy \(Redlined\)](#)

**FINANCE, BUDGET, AND AUDIT COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

7. **SUBJECT: ALLOCATION OF FUNDING BALANCE FROM THE CORONAVIRUS RESPONSE AND RELIEF SUPPLEMENTAL APPROPRIATIONS (CRRSA) ACT** [2021-0204](#)

**RECOMMENDATION**

CONSIDER:

A. APPROVING the allocation of the balance of \$126,807,083 from Los Angeles County's share of Federal Transit Administration (FTA) Section 5307/ Section 5337 funds from the CRRSA Act to transit operators, as described in Attachment A, for operating expenses;

B. APPROVING exchanges of CRRSA Act funding allocations, as appropriate, with other local or eligible State or Federal funds to accelerate

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grant approval and disbursement of funds by the FTA; and

C. AUTHORIZING the CEO or his designee to negotiate and execute all necessary agreements to implement Board approved support of transit programs in Los Angeles County.

Attachments:      [Attachment A - CRRSA Act Funding Allocation by Transit Operator/Agency](#)

**FINANCE, BUDGET, AND AUDIT COMMITTEE MADE THE FOLLOWING RECOMMENDATION (4-0):**

**8. SUBJECT:      PROPERTY INSURANCE PROGRAM**

[2020-0895](#)

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to negotiate and purchase All Risk Property and Boiler and Machinery insurance policies for all property at increased policy limits at a not to exceed price of \$4.75 million for the 12-month period May 10, 2021 through May 10, 2022.

Attachments:      [Attachment A - Recommended Pricing and Carriers](#)  
                                 [Attachment B - Alternatives Considered](#)

**PLANNING AND PROGRAMMING COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

**11. SUBJECT:      MEASURE M MULTI-YEAR SUBREGIONAL PROGRAM ANNUAL UPDATE - NORTH COUNTY SUBREGION**

[2021-0033](#)

**RECOMMENDATION**

CONSIDER:

A. APPROVING:

1. Programming of additional \$2,204,941 within the capacity of Measure M Multi-Year Subregional Program (MSP) - Active Transportation Program, as shown in Attachment A;
2. Programming of additional \$3,425,000 within the capacity of Measure M MSP - Transit Program, as shown in Attachment B;

B. DELEGATING the Chief Executive Officer (CEO) or his designee the authority to:

1. Amend Measure M MSP funding agreements to modify the scope of work of projects and project development phases consistent with eligibility requirements;

- 
2. Administratively extend funding agreement lapse dates for Measure M MSP funding agreements to meet environmental, design, right-of-way and construction time frames; and

- C. AUTHORIZING the CEO or his designee to negotiate and execute all necessary agreements and/or amendments for approved projects.

**Attachments:**      [Attachment A - Active Transportation Program Project List](#)  
[Attachment B - Transit Program Project List](#)  
[Attachment C - Highway Efficiency Program Project List](#)

**PLANNING AND PROGRAMMING COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

12. **SUBJECT: U.S. ARMY CORPS OF ENGINEERS MEMORANDUM OF AGREEMENT FOR SECTION 404 PERMITS FOR METRO PROJECTS** [2021-0102](#)

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to execute the Memorandum of Agreement between Los Angeles County Transportation Authority (LACMTA) and the US Army Corps of Engineering, Los Angeles District, for Section 404 Permitting Process (Attachment C).

**Attachments:**      [Attachment A - Legistar File #: 2019-0556](#)  
[Attachment B - LACMTA/Corps MOA for Section 408 permits, executed in Dec.](#)  
[Attachment C - LACMTALAD MOA for Section 404 permit](#)

**PLANNING AND PROGRAMMING COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

13. **SUBJECT: WEST SANTA ANA BRANCH (WSAB) TRANSIT CORRIDOR PROJECT** [2021-0093](#)

**RECOMMENDATION**

CONSIDER authorizing the Chief Executive Officer to APPROVE additional funding of \$353,530 and an extension to December 2022 of the existing Funding Agreement (FA# 920000000FACGGC03) with the Gateway Cities Council of Governments (COG) for Third-Party Administration participation in the WSAB environmental clearance study.

**Attachments:**      [Attachment A - FA 920000000FACGGC03](#)  
[Attachment B - Board Motion 32.1](#)  
[Attachment C - September 22, 2016 Board Report, Item 12](#)

**PLANNING AND PROGRAMMING COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

**15. SUBJECT: PROJECT PRIORITIES FOR NEXT NEW STARTS GRANTS**

[2021-0150](#)

**RECOMMENDATION**

CONSIDER:

1. APPROVING the West Santa Ana Branch (WSAB) Transit Corridor and Sepulveda Transit Corridor Projects as Metro's next priorities for pursuing New Starts grants from the Federal Transit Administration (FTA) Capital Investment Grants (CIG) Program;
2. APPROVING the East San Fernando Valley (ESFV) Transit Corridor Project as Metro's priority for pursuing a grant from the FTA Expedited Project Delivery (EPD) Pilot Program;
3. AUTHORIZING the Chief Executive Officer (CEO) or his designee to request from the FTA the entry into the Project Development Phase of the CIG Program for the WSAB Transit Corridor Project and the Sepulveda Transit Corridor Project, at the appropriate time, and to submit a grant application for the EPD Pilot Program for the ESFV Transit Corridor Project; and
4. AUTHORIZING staff to develop and implement targeted CIG/ EPD legislative and FTA engagement strategies that support securing grants for the three priority projects.

**Attachments:**

[Attachment A - Overview of CIG and EPD Programs Attachment A](#)  
[Attachment B - Overview of CIG and EPD Project Pipeline of the FTA Attachm](#)  
[Attachment C - Metro CIG and EPD Prioritization Assessment Workshops and F](#)  
[Attachment D - Results of Metro CIG and EPD Prioritization Assessment Attac](#)  
[Presentation](#)

**PLANNING AND PROGRAMMING COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

- 16. SUBJECT: CORONAVIRUS RESPONSE AND RELIEF  
SUPPLEMENTAL APPROPRIATIONS ACT HIGHWAY  
INFRASTRUCTURE PROGRAMS FUNDS**

[2021-0207](#)

**RECOMMENDATIONS**

CONSIDER:

1. APPROVING the programming of \$38.2 million in Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) Highway Infrastructure Programs (HIP) funds made available through the Regional Transportation Improvement Program (RTIP) of the State Transportation Improvement Program (STIP) to the East San Fernando Valley (ESFV) Transit Corridor Project as a revenue-neutral exchange of Proposition A 35% funds to be directly used on the Airport Metro Connector (AMC) 96th Street Station;
2. APPROVING the programming of \$47.6 million in CRRSAA HIP funds made available through the Caltrans Local Assistance Surface Transportation Block Grant Program (STBGP) to all 88 cities in and including the County of Los Angeles by percentage of the total county population as presented in Attachment A; and
3. APPROVING the ability for small cities to exchange CRRSAA STBGP funds with local funds under Metro's existing federal Surface Transportation Program - Local Exchange Program.

**Attachments:**      [Attachment A - HIP Funding Distribution to Local Agencies in Los Angeles Cour](#)

**PLANNING AND PROGRAMMING COMMITTEE MADE THE FOLLOWING RECOMMENDATION (4-0):**

- 18. SUBJECT: STATE ROUTE (SR)-57/SR-60 INTERCHANGE  
IMPROVEMENTS**

[2020-0943](#)

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to:

1. Execute Contract Modification No. 2 to Contract No. AE51890001 in the amount of \$3,251,665.74 for the SR-57/SR-60 Interchange Improvements project (Project) with WKE Inc. to provide professional services, increasing the total contract value from \$25,155,706.72 to \$28,407,372.46;

2. AUTHORIZE programming an additional \$91 million in Measure M funds for the Project's Right-of-Way (ROW), mitigation of impacts to the Diamond Bar Golf Course (DBGC) and utility relocation; and
3. AUTHORIZE the CEO or his designee to negotiate and execute all necessary contract documents and agreements to implement the necessary pre-construction components of the Project.

**Attachments:** [Attachment A - Procurement Summary](#)  
[Attachment B - Contract Modification Change Order Log](#)  
[Attachment C - DEOD Summary](#)  
[Attachment D - Project Map](#)

**OPERATIONS, SAFETY, AND CUSTOMER EXPERIENCE COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

**21. SUBJECT: BUS ENGINE CYLINDER HEAD ASSEMBLIES** [2021-0035](#)

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to award a two-year, firm fixed price Contract No. MA73218000 to Cummins Inc., the lowest responsive and responsible bidder for Cylinder Head Assemblies. The Contract one-year base amount for is \$1,723,070 inclusive of sales tax, and the one-year option amount is \$1,766,147, inclusive of sales tax, for a total contract amount of \$3,489,217, subject to resolution of protest(s), if any.

**Attachments:** [Attachment A - Procurement Summary](#)  
[Attachment B - DEOD Summary](#)

**OPERATIONS, SAFETY, AND CUSTOMER EXPERIENCE COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

**22. SUBJECT: BUS ENGINE IGNITION COILS** [2021-0037](#)

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to award a two-year, firm fixed price Contract No. MA73430000 to Cummins Inc., the lowest responsive and responsible bidder for Ignition Coils. The Contract one-year base amount is \$1,134,734 inclusive of sales tax, and the one-year option amount is \$1,163,087, inclusive of sales tax, for a total contract amount of \$2,297,821, subject to resolution of protest(s), if any.

**Attachments:** [Attachment A - Procurement Summary](#)  
[Attachment B - DEOD Summary](#)



**OPERATIONS, SAFETY, AND CUSTOMER EXPERIENCE COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

**25. SUBJECT: SCADA AS NEEDED TASK ORDER SUPPORT SERVICES** [2021-0097](#)

**RECOMMENDATION**

AUTHORIZE:

- A. The Chief Executive Officer to award a sole-source, task order based, firm-fixed unit rate Contract No. OP177320000PS57993 to ARINC Incorporated, a Delaware corporation and wholly owned subsidiary of Raytheon Technologies, a Delaware corporation, for on-call engineering support services in support of Metro's Supervisory Control and Data Acquisition (SCADA) systems, in a not-to-exceed amount of \$40,000,000 for a ten-year period of performance effective July 1, 2021.
- B. The Chief Executive Officer to execute task orders for an aggregate amount not-to-exceed \$40,000,000.

**Attachments:** [Attachment A - Procurement Summary](#)  
[Attachment B - DEOD Summary](#)  
[Presentation](#)

**CONSTRUCTION COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

**31. SUBJECT: TRACK AND TUNNEL INTRUSION DETECTION** [2021-0148](#)

**RECOMMENDATION**

CONSIDER:

Make a finding that a Design-Build contract to deliver a Track and Tunnel Intrusion Detection system at Metro transit facilities will achieve for LACMTA certain efficiencies in the performance of the design and construction of the Project, pursuant to Public Utilities Code Section 130242, authorizing the CEO to issue a solicitation.

Requires 2/3 vote.

**Attachments:** [Attachment A - Track and Tunnel Intrusion Detection Proposed for DB Approach](#)

**CONSTRUCTION COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

- 32. SUBJECT: FUND ADMINISTRATOR FOR METRO PILOT BUSINESS INTERRUPTION FUND (BIF)** [2021-0095](#)

**RECOMMENDATION**

CONSIDER:

- A. AUTHORIZING the Chief Executive Officer to execute Modification No. 3 to the Business Interruption Fund (BIF) Administration Services Contract No. PS56079000 with Pacific Coast Regional Small Business Development Corporation (PCR) to exercise the first one-year option in the amount of \$720,882, increasing the total contract value from \$1,685,246 to \$2,406,128, to continue to serve as the fund administrator for Metro's Pilot BIF and extending the period of performance from May 1, 2021 to April 30, 2022.
- B. INCREASING Contract Modification Authority (CMA) specific to Contract No. PS56079000 in the amount of \$120,000 increasing the total CMA amount from \$158,524 to \$278,524 to support additional services related to BIF fund administration inclusive of the expansion of the BIF to directly impacted and qualifying "mom and pop" businesses.

- Attachments:** [Attachment A - Procurement Summary](#)  
[Attachment B - Modification Change Order Log](#)  
[Attachment C - DEOD Summary](#)

**EXECUTIVE MANAGEMENT COMMITTEE MADE THE FOLLOWING RECOMMENDATION (6-0):**

- 39. SUBJECT: ADVERTISING AND COMMUNICATIONS SERVICES** [2021-0168](#)

**RECOMMENDATION**

- A. AUTHORIZE the Chief Executive Officer to award a four-year, firm fixed unit rate Contract No. PS71009000 to Civilian, Inc. to provide advertising and communications services, for an amount not-to-exceed \$1,738,469 for the three-year base term, effective June 1, 2021 through May 31, 2024, plus \$614,604 for the one-year option period, for a total not-to-exceed amount of \$2,353,073 subject to resolution of protest(s), if any.

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- B. AUTHORIZE the Chief Executive Officer to award individual media purchases associated with the advertising and communication services to be provided by Civilian, Inc. under Contract No. PS71009000, for a total amount not to exceed \$28,000,000 for a four-year period, inclusive of a one-year option.
- C. APPROVE a four-year Media Buy Budget of \$28,000,000, inclusive of a one-year option, for both traditional marketing channels (television, radio, print) and digital channels (websites, social media, streaming).

Attachments:        [Attachment A - Procurement Summary](#)  
                              [Attachment B - DEOD Summary](#)

**EXECUTIVE MANAGEMENT COMMITTEE MADE THE FOLLOWING RECOMMENDATION (6-0):**

**41. SUBJECT:     STATE LEGISLATION** [2021-0162](#)

**RECOMMENDATION**

ADOPT staff recommended position:

1.     **Senate Bill 17 (Pan) - Office of Racial Equity SUPPORT**

Attachments:        [Attachment A - SB 17 \(Pan\) Legislative Analysis](#)

**EXECUTIVE MANAGEMENT COMMITTEE MADE THE FOLLOWING RECOMMENDATION (5-0):**

**44. SUBJECT:     TRANSPORTATION COMMUNICATION NETWORK** [2021-0062](#)

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer (CEO) to execute a Memorandum of Agreement (MOA) with the City of Los Angeles for Metro's Transportation Communication Network (TCN) on Metro rail right-of-way within the City of Los Angeles.

Attachments:        [Attachment A - MOA Term Sheet](#)  
                              [Presentation](#)

**PLANNING AND PROGRAMMING COMMITTEE MADE THE FOLLOWING RECOMMENDATION AS AMENDED (4-0):**

**48. SUBJECT: DODGER STADIUM EXPRESS**

[2021-0226](#)

**RECOMMENDATION**

APPROVE Motion by Directors Hahn, Butts, and Krekorian that the Board direct the Chief Executive Officer to report back in 60 days with funding recommendations to ensure the Dodger Stadium Express will be permanently, fully funded.

Solis Amendment: The funding recommendations should consider utilizing next year's LCTOP funding, which can be used for operational expenditures that increase transit mode share.

**EXECUTIVE MANAGEMENT COMMITTEE MADE THE FOLLOWING RECOMMENDATION (6-0):**

**49. SUBJECT: SUPPORTING THE OFFICE OF THE INSPECTOR GENERAL**

[2021-0227](#)

**RECOMMENDATION**

APPROVE Motion by Directors Solis, Najarian, Barger, and Garcetti that the Board of Directors direct the Chief Executive Officer or his designee to immediately begin the process of filling vacancies to support the auditing functions of the OIG, and to report back in May 2021 with the feasibility of establishing a bench contract to be utilized by OIG until all vacancies have been filled.

**NON-CONSENT**

**3. SUBJECT: REMARKS BY THE CHAIR**

[2021-0231](#)

**RECOMMENDATION**

RECEIVE remarks by the **Chair**.

**4. SUBJECT: REPORT BY THE CHIEF EXECUTIVE OFFICER**

[2021-0232](#)

**RECOMMENDATION**

RECEIVE report by the **Chief Executive Officer**.

**6. SUBJECT: NO-FEE LEASE OF METRO PROPERTY FOR CITY OF LOS ANGELES' SLAUSON CONNECT PROJECT**

[2021-0185](#)

**RECOMMENDATION**

CONSIDER:

- A. AUTHORIZING the Chief Executive Officer (CEO) to enter into a 30 -year, no-fee lease agreement with the City of Los Angeles (City) to use a portion of the Metro-owned Harbor Subdivision Right-of-Way between Normandie and Budlong Avenues, City of Los Angeles ("Property"), for the City's Slauson Connect Project.
- B. DECLARING that the Property is not necessary for use by Metro and is "exempt surplus land" as defined in Section 54221(f)(1)(D) of the California Surplus Land Act (California Gov. Code Sections 54220-54234).
- C. CERTIFYING that the Board, acting as a responsible agency pursuant to the California Environmental Quality Act (CEQA) for the Slauson Connect Project, has considered the exemption documentation for the Slauson Connect Project and finds that the Slauson Connect Project is categorically exempt from CEQA and will not cause a significant impact on the environment.
- D. AUTHORIZING Metro Real Estate to file a Notice of Exemption with the Los Angeles County Registrar-Recorder/County Clerk.

**Attachments:**      [Attachment A - Site Drawing of Leased Property](#)  
[Attachment B - Summary of Lease Terms](#)  
[Attachment C - CEQA Exemption Documentation](#)  
[Presentation](#)

**15.1. SUBJECT: AMENDMENT TO PROJECT PRIORITIES FOR NEXT NEW STARTS GRANTS**

[2021-0237](#)

**RECOMMENDATION**

APPROVE Motion by Directors Butts, Garcetti, Mitchell, Solis, Najarian, and Barger that the Board direct the Chief Executive Officer as follows:

- A. Develop and implement a collaborative and coordinated CIG legislative and FTA engagement strategy that supports securing federal grants and any available federal funding that may be committed in support of the 2028 Olympic and Paralympic Games for the Inglewood Transit Connector Project.

**PLANNING AND PROGRAMMING COMMITTEE FORWARDED THE FOLLOWING WITHOUT RECOMMENDATION:**

17. **SUBJECT: CAP-AND-TRADE LOW CARBON TRANSIT OPERATIONS PROGRAM (LCTOP)** [2021-0038](#)

**RECOMMENDATION**

CONSIDER approving the Resolution in Attachment A that:

- A. Authorizes the Chief Executive Officer (CEO) or his designee to claim \$22,690,757 in fiscal year (FY) 2020-21 LCTOP grant funds for the Crenshaw/LAX Transit Corridor Operations Project and/or the proposed Fareless System Initiative Pilot if approved by the Metro Board;
- B. Certifies that Metro will comply with LCTOP certification and assurances and the authorized agent requirements; and
- C. Authorizes the CEO or his designee to execute all required documents and any amendment with the California Department of Transportation.

**Attachments:** [Attachment A - Resolution & Certification for FY20-21 LCTOP Funding rev 0406](#)

**CONSTRUCTION COMMITTEE FORWARDED THE FOLLOWING:**

34. **SUBJECT: ENHANCEMENTS TO METRO'S MEDIUM-SIZE BUSINESS ENTERPRISE PROGRAM AND SMALL BUSINESS ENTERPRISE PROGRAM** [2021-0116](#)

RECEIVE AND FILE the response to Board Motion 51 by Directors Dupont-Walker, Hahn, Mitchell, Butts, Najarian and Solis at the January 2021 Board meeting.

**Attachments:** [Attachment A - Motion 51 Presentation](#)

**CONSTRUCTION COMMITTEE FORWARDED THE FOLLOWING WITHOUT RECOMMENDATION:**

**36. SUBJECT: AIRPORT METRO CONNECTOR PROJECT** [2021-0114](#)

**RECOMMENDATION**

CONSIDER:

ESTABLISHING a life-of project (LOP) budget for the Airport Metro Connector project in the amount of \$898,581,000 consistent with the provisions of the Board-adopted Measure R and Measure M Unified Cost Management Policy (Attachment C).

**Attachments:** [Attachment A AMC Renderings - Copy](#)  
[Attachment B - AMC Funding and Expenditure Plan - Final.pdf](#)  
[Attachment C - Measure R and Measure M Unified Cost Management Policy Ar](#)

**EXECUTIVE MANAGEMENT COMMITTEE FORWARDED THE FOLLOWING:**

**42. SUBJECT: FARELESS SYSTEM INITIATIVE UPDATE** [2021-0209](#)

**RECOMMENDATION**

RECEIVE AND FILE Report on Fareless System Initiative.

**Attachments:** [AttachmentA Motion43 1](#)  
[Attachment B - Pressley Markey Legislation News Clip\(East Boston Times Free](#)  
[Attachment C - Funding Source Details](#)  
[Presentation](#)

**SUBJECT: GENERAL PUBLIC COMMENT** [2021-0233](#)

RECEIVE General Public Comment

Consideration of items not on the posted agenda, including: items to be presented and (if requested) referred to staff; items to be placed on the agenda for action at a future meeting of the Committee or Board; and/or items requiring immediate action because of an emergency situation or where the need to take immediate action came to the attention of the Committee subsequent to the posting of the agenda.

**COMMENTS FROM THE PUBLIC ON ITEMS OF PUBLIC INTEREST WITHIN COMMITTEE'S SUBJECT MATTER JURISDICTION**

**Adjournment**



**Board Report**

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**File #:** 2021-0234, **File Type:** Minutes

**Agenda Number:** 2.

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**REGULAR BOARD MEETING  
APRIL 22, 2021**

**SUBJECT: MINUTES**

**RECOMMENDATION**

APPROVE Minutes of the Regular Board Meeting held March 25, 2021.





Virtual Online Meeting

**MINUTES**

**Thursday, March 25, 2021**

**10:00 AM**

**Board of Directors - Regular Board Meeting**

**DIRECTORS PRESENT:**

**Eric Garcetti, Chair  
Hilda L. Solis, 1st Vice Chair  
Ara Najarian, 2nd Vice Chair  
Kathryn Barger  
Mike Bonin  
James Butts  
Jacquelyn Dupont-Walker  
Fernando Dutra  
Janice Hahn  
Paul Krekorian  
Sheila Kuehl  
Holly Mitchell  
Tim Sandoval**

**Tony Tavares, non-voting member**

**Phillip A. Washington, Chief Executive Officer**

**CALLED TO ORDER: 10:01 A.M.**

**ROLL CALL**

1. APPROVED Consent Calendar Items: 2, 12, 13, 15, 16, 17, 19, 20, 21, 24, 31, 32\*, 33, 34, 35, 38, 41, 42, and 44.

Consent Calendar items were approved by one vote unless held by a Director for discussion and/or separate action.

\*Item requires 2/3 vote

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	A	Y	Y

2. **SUBJECT: MINUTES** **2021-0144**

APPROVED ON CONSENT CALENDAR Minutes of the Regular Board Meeting held February 25, 2021.

3. **SUBJECT: REMARKS BY THE CHAIR** **2021-0141**

RECEIVED remarks by the **Chair**.

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
P	P	P	P	P	P	P	P	P	P	P	P	P

4. **SUBJECT: REPORT BY THE CHIEF EXECUTIVE OFFICER** **2021-0142**

RECEIVED report by the **Chief Executive Officer**.

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
P	P	P	P	P	P	P	P	P	P	P	P	P

\*\*\*\*\*

PK = P. Krekorian	JB = J. Butts	JDW = J. Dupont-Walker	FD = F. Dutra
JH = J. Hahn	EG = E. Garcetti	AN = A. Najarian	
MB = M. Bonin	SK = S. Kuehl	HM = H. Mitchell	
HS = H. Solis	KB = K. Barger	TS = T. Sandoval	

LEGEND: Y = YES, N = NO, C = CONFLICT, ABS = ABSTAIN, A = ABSENT, P = PRESENT

**7. SUBJECT: CORONAVIRUS RESPONSE AND RELIEF  
 SUPPLEMENTAL APPROPRIATIONS (CRRSA) ACT  
 FUNDING**

**2020-0919**

**APPROVED:**

- A. the allocation of \$784,942,958 from Los Angeles County's partial share of Federal Transit Administration (FTA) Section 5307/ Section 5337 funds from the CRRSA Act to transit operators, as described in Attachment A, for operating expenses;
- A. AUTHORIZED the Chief Executive Officer (CEO) or his designee to solicit proposals and allocate \$1,327,107 from Los Angeles County's share of FTA funds from the CRRSA Act, as described in Attachment B, to Metro's existing subrecipients of Federal Section 5310 funds for operating expenses;
- C. AUTHORIZED the CEO to allocate Los Angeles County's share of FTA Section 5311 funds from the CRRSA Act (estimated to be about \$1,127,870) for transit service in rural areas upon notification by the California Department of Transportation (Caltrans), as described in Attachment B, for operating expenses;
- D. APPROVED exchanges of CRRSA Act funding allocations, as appropriate, with other local or eligible State or Federal funds to accelerate grant approval and disbursement of funds by the FTA;
- E. AUTHORIZED the CEO or his designee to negotiate and execute all necessary agreements to implement Board approved support of transit programs in Los Angeles County; and
- F. DELEGATED to the CEO or his designee the authority to administratively approve minor changes to the allocations to reflect any revisions made by the Southern California Association of Governments (SCAG), FTA and/or Caltrans that may impact Los Angeles County's share of the funds.

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	A	Y	Y

**8. SUBJECT: PROPOSITION C BONDS**

**2021-0039**

**ADOPTED:**

A. a Resolution, Attachment A, that:

1. AUTHORIZED the competitive sale and issuance of up to \$450 million in aggregate principal amount of Proposition C Senior Sales Tax Revenue Bonds in one or more series, to finance capital projects; and refinance outstanding revolving credit notes;
2. APPROVED the forms of the Notice of Intention to Sell Bonds, Notice Inviting Bids, Supplemental Trust Agreement, Continuing Disclosure Certificate, Preliminary Official Statement and such other documents as required for the issuance of the bonds, and approves related documents on file with the Board Secretary as set forth in the resolution all as subject to modification as set forth in the Resolution; and
3. AUTHORIZED taking all action necessary to achieve the foregoing, including, without limitation, the further development and execution of the bond purchase contract and bond documentation associated with the issuance of the Proposition C Senior Sales Tax Revenue Bonds (the "Bonds").

**(REQUIRED SEPARATE, SIMPLE MAJORITY BOARD VOTE.)**

<b>TS</b>	<b>HM</b>	<b>FD</b>	<b>JDW</b>	<b>MB</b>	<b>EG</b>	<b>HS</b>	<b>AN</b>	<b>KB</b>	<b>JB</b>	<b>PK</b>	<b>JH</b>	<b>SK</b>
C	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

**12. SUBJECT: MEASURE M MULTI-YEAR SUBREGIONAL PROGRAM      2021-0032**  
**ANNUAL UPDATE - LAS VIRGENES/MALIBU SUBREGION**

**APPROVED ON CONSENT CALENDAR:**

- A. the programming of an additional \$430,000 within the capacity of the Measure M Multi-Year Subregional Program (MSP) Highway Efficiency Program;
- B. DELEGATED the Chief Executive Officer (CEO) or his designee the authority to:

(Continued on next page)



(Item 12 – continued from previous page)

1. AMEND Measure M MSP funding agreements to modify the scope of work of projects and project development phases consistent with eligibility requirements;
  2. ADMINISTRATIVELY extend funding agreement lapse dates for Measure M MSP funding agreements to meet environmental, design, right-of-way and construction time frames; and
- C. AUTHORIZED the CEO or his designee to negotiate and execute all necessary agreements and/or amendments for approved projects.

**13. SUBJECT: ALAMEDA CORRIDOR-EAST GRADE SEPARATIONS                      2020-0866**  
**PHASE II PROGRAM**

APPROVED ON CONSENT CALENDAR:

- A. REPROGRAMMING Measure R funds for the Alameda Corridor-East (ACE) Grade Separations Phase II Program to reflect the program schedule change; and
- B. AUTHORIZED the Chief Executive Officer (CEO) or his designee to negotiate and execute project addenda consistent with the Board-approved ACE Grade Separations Phase II Funding Program.

**15. SUBJECT: MODERNIZING THE METRO HIGHWAY PROGRAM                      2021-0008**

APPROVED ON CONSENT CALENDAR recommendations to modernize the Highway Program and approving the release for public review:

- 2) REVISED Measure R Highway Program Criteria – Project Eligibility for Highway Operational Improvements and Ramp/Interchange Improvements, shown in Attachment A, and
- 2) REVISED Measure M Guidelines, Section X – Multi-Year Programs (Highway Subfunds), shown in Attachment B.

**16. SUBJECT: BUS RAPID TRANSIT VISION AND PRINCIPLES STUDY 2020-0595**

APPROVED AS AMENDED ON CONSENT CALENDAR the following BRT Vision and Principles Study recommendations:

1. DIRECTED staff to apply both the BRT Standards and Design Guidelines developed through the BRT Vision & Principles study to all Metro-funded BRT projects and initiate the process to refine the design guidelines further into design criteria; and
2. APPROVED the recommended five top-performing Bus Rapid Transit (BRT) candidate corridors for future project development consideration and advance the Broadway corridor as a first decade Measure M project, subject to available funding.

**Amendment by Directors Bonin, Solis, and Hahn:**

We, therefore move, that the Board adopt the recommendations of the BRT Vision & Principles Study staff report (Item 16).

WE, FURTHER, MOVE that the Board direct the Chief Executive Officer to report back to the Board in June 2021 with a BRT Early Action Program that includes the following:

1. Advancing the Broadway corridor as a first decade Measure M project, as recommended by staff.
2. Identifying the essential elements of a "quick build" approach to BRT, based on the BRT Vision & Principles Study and experience from the NextGen Bus Speed & Reliability Working Group.
3. Consulting with Metro Operations, the Office of Equity and Race, local jurisdictions, and municipal operators to identify which of the Top 7 Corridors would be suitable for a quick build approach, including consideration of parallel NextGen Tier 1 corridors. **Hahn Amendment:** Additionally, evaluate extending the Western Ave BRT corridor to San Pedro.
4. Pursuing a near-term delivery strategy for each of the identified early action corridors, with emphasis on quick build transit priority improvements and leveraging city and county partnerships to provide BRT features, including pavement, striping, signal priority, and street furniture.
5. Systemwide implementation of All Door Boarding, starting with NextGen Tier 1 lines.
6. Estimated costs and staffing needed and opportunities to leverage Measure M dedicated Countywide BRT funding to accomplish the above work.

**17. SUBJECT: EXPO/CRENSHAW STATION JOINT DEVELOPMENT AND 2020-0902  
FIRST/LAST MILE PLAN**

AUTHORIZED RECOMMENDATION 1 ON CONSENT CALENDAR:

1. the Chief Executive Officer to execute an amendment to the Exclusive Negotiation Agreement and Planning Document with WIP-A, LLC, a wholly-owned subsidiary of Watt Companies, Inc., and the County of Los Angeles to extend the term for 12 months, and provide for an additional 12-month administrative extension, which agreement is in regards to the joint development of 1.77 acres of Metro-owned property and 1.66 acres of County-owned property at the Expo/Crenshaw Station in partnership with West Angeles Community Development Corporation; and

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
	C			C								

THE FOLLOWING RECOMMENDATION HAS BEEN CARRIED OVER TO THE JUNE 2021 PLANNING AND PROGRAMMING COMMITTEE:

2. ADOPT the Expo/Crenshaw First/Last Mile Plan.

**19. SUBJECT: RAIL VEHICLE LUBRICATING STICKS 2020-0897**

AUTHORIZED ON CONSENT CALENDAR the CEO to award a 36-month March 2021 through March 2024, firm fixed price contract with two one (1) year extensions, on Contract Number SD66581000, to LB Foster Rail Technologies, Inc., the lowest responsive and responsible bidder for HPF & LCF Lubricating Block for an amount not to exceed \$1,176,592.09. Board approval of the contract award is subject to resolution of any properly submitted protest.

**20. SUBJECT: PARTS WASHER LEASING AND MAINTENANCE SERVICES 2020-0912**

AUTHORIZED ON CONSENT CALENDAR the Chief Executive Officer to award a five-year, firm fixed unit rate Contract No. PS7235000, to FRS Environmental Inc., for parts washer leasing, and maintenance services in an amount not to exceed \$1,443,375.00 effective May1, 2021.

**21. SUBJECT: ENGINEERING SUPPORT FOR BUS AND RAIL MAINTENANCE SERVICES 2020-0860**

AUTHORIZED ON CONSENT CALENDAR the Chief Executive Officer to execute Contract Modification No. 5 to Contract No. PS46172000, with Gannett Fleming Transit & Rail Systems, for engineering support of rail maintenance to exercise the second-year option extending the period of performance through April 26, 2022 and increasing the total contract not-to- exceed amount by \$5,000,000 from \$21,000,000 to \$26,000,000.



TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
	C							C			C	

**24. SUBJECT: P2550 LIGHT RAIL VEHICLE (LRV) MIDLIFE MODERNIZATION/OVERHAUL PROGRAM, RAIL VEHICLE CONTRACTOR** **2020-0055**

APPROVED ON CONSENT CALENDAR:

- A. Increased the Life-of-Project (LOP) Budget for the P2550 Light Rail Vehicle (LRV) Midlife Modernization/Overhaul Program (CP 214003) by \$46,340,841 from \$160,000,000 to \$206,340,841.
- B. Authorized the Chief Executive Officer to award a firm-fixed unit rate Contract No. P2550-2019 Light Rail Vehicle (LRV) Midlife Modernization to Kinkisharyo International, L.L.C. in the not-to-exceed amount of \$170,349,474 inclusive of Options, for a period of 55 months from Notice-to-Proceed (NTP) for the midlife modernization of the 50 AnsaldoBreda P2550 LRVs.

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
	C											

**25. SUBJECT: 2020 CUSTOMER EXPERIENCE SURVEY RESULTS** **2021-0085**  
RECEIVED AND FILED 2020 Customer Experience Survey Results.

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
P	P	P	P	P	P	P	P	P	P	P	P	P

**26. SUBJECT: TRANSIT LAW ENFORCEMENT SERVICES** **2021-0137**

APPROVED AS AMENDED:

- A. AMENDED the combined contract value for the three multi-agency law enforcement contracts for services through December 31, 2021 by an increase of \$36,000,000 from \$645,675,758 to \$681,675,758. The Board delegates to the CEO, or his designee, the discretion to allocate the \$36M among the three law enforcement contracts, as deemed appropriate.
- A. ENGAGE the Public Safety Advisory Committee (PSAC) for the remaining six months of the multi-agency law enforcement contract.

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
Y	Y	Y	Y	Y	Y	Y	Y	Y	A	A	Y	Y



**26.1. SUBJECT: AMENDMENT TO TRANSIT LAW ENFORCEMENT SERVICES 2021-0187**

APPROVED Motion by Directors Mitchell, Garcetti, Solis, Kuehl, and Dupont-Walker that the Board direct the Chief Executive Officer to:

- A. Report to the Operations Committee in April 2021 on a plan to reasonably compensate members of the Public Safety Advisory Committee, including but not limited to options for stipend, reimbursement, and other forms of compensation;
- B. Report to the Board in June 2021 with a review of compensation for Metro's advisory committees and a policy for the reasonable compensation of their members; and
- C. Include in each monthly Transit Public Safety report updates on the progress and activities of the Public Safety Advisory Committee

<b>TS</b>	<b>HM</b>	<b>FD</b>	<b>JDW</b>	<b>MB</b>	<b>EG</b>	<b>HS</b>	<b>AN</b>	<b>KB</b>	<b>JB</b>	<b>PK</b>	<b>JH</b>	<b>SK</b>
Y	Y	Y	Y	Y	Y	Y	Y	Y	A	A	Y	Y

**26.2. SUBJECT: INVESTMENT IN ALTERNATIVES TO POLICING 2021-0190**

APPROVED Motion by Directors Bonin, Garcetti, Mitchell, Hahn, Dupont-Walker, and Solis that the Board direct the Chief Executive Officer to:

- A. Include in the FY22 budget at least \$40 million for the following initiatives, consistent with the Equity Platform and the Customer Experience Plan:

1. Public Safety:

- a. \$20 million for a transit ambassador program that provides staffed presence at Metro facilities and on Metro vehicles and offers riders assistance and connections to resources, modeled after the S.F. BART program.
- b. \$1 million for elevator attendants at stations.
- c. \$1 million for a flexible dispatch system that enables response by homeless outreach workers, mental health specialists, and/or unarmed security ambassadors in appropriate situations.
- d. \$5 million for Call Point Security Project Blue light boxes recommended by Women and Girls Governing Council to improve security on the BRT and rail system.

(Continued on next page)

(Item 26.2. – continued from previous page)

e. Funds to initiate a study to develop recommendations to prevent intrusion onto Metro rail rights-of-way, including but not limited to subway platform-edge doors.

f. \$3 million for pilot safety strategies on board buses to be recommended by PSAC.

2. Homelessness:

a. \$2 million for short term shelter for homeless riders.

b. \$5 million for enhanced homeless outreach teams and related mental health, addiction, nursing, and shelter services.

c. \$250,000 for regular counts to monitor trends and gauge the success of Metro efforts to address homelessness.

d. \$3 million for pilot homelessness strategies to be recommended by PSAC.

B. Establish a target to ensure the participation of LA County-based organizations and enterprises in the above initiatives.

C. Consult with PSAC on the program design and implementation of all of the above initiatives.

D. Direct the OIG to audit the law enforcement services contracts and report their findings to the PSAC and the Board.

<b>TS</b>	<b>HM</b>	<b>FD</b>	<b>JDW</b>	<b>MB</b>	<b>EG</b>	<b>HS</b>	<b>AN</b>	<b>KB</b>	<b>JB</b>	<b>PK</b>	<b>JH</b>	<b>SK</b>
Y	Y	Y	Y	Y	Y	Y	Y	Y	A	A	Y	Y

**31. SUBJECT: I-5 NORTH COUNTY ENHANCEMENTS PROJECT**

**2021-0051**

**APPROVED ON CONSENT CALENDAR:**

B. ESTABLISHED a life-of-project budget for the I-5 North County Enhancements Project in the amount of \$679,400,000.

B. AUTHORIZED the Chief Executive Officer to negotiate and execute project related agreements, including contract modifications, up to the authorized Life-of-Project Budget.

**32. SUBJECT: METRO G LINE BUS RAPID TRANSIT IMPROVEMENTS PROJECT 2020-0884**

APPROVED ON CONSENT CALENDAR BY A 2/3 VOTE:

- A. that authorization of the use of alternative delivery methods, including Progressive Design/Build (PDB), will achieve integration of design, project works, and other components in an efficient manner for the Metro G Line Bus Rapid Transit Improvements Project, pursuant to Public Utilities Code Section 130242; and
- B. a competitive solicitation of a PDB contract to achieve the proposed design approach, specific project features and functions, and other project criteria in addition to price, pursuant to Public Utilities Code 130242 (e)

(REQUIRED 2/3 VOTE OF THE BOARD OF DIRECTORS)

**33. SUBJECT: AMEND TAYLOR YARD BRIDGE CONSTRUCTION FUNDING AGREEMENT 2021-0014**

AUTHORIZED ON CONSENT CALENDAR the Chief Executive Officer (CEO) to negotiate and execute an amendment to a Memorandum of Understanding (MOU) dated March 7, 2018 with the City of Los Angeles for the Taylor Yard Bridge with a not-to-exceed amount of \$25,450,000, an increase of \$3,750,000 over the previously authorized amount of \$21,700,000.

**34. SUBJECT: REPORT ON FARE CAPPING IN RESPONSE TO MOTION 2020-0704 31.1**

AUTHORIZED ON CONSENT CALENDAR the Chief Executive Officer to:

- A. APPROVE moving forward with the fare capping pilot; and
- B. NEGOTIATE and execute project-related contract awards, including contract modifications, up to the amount needed for software development and integration to implement fare capping.



**35. SUBJECT: UNIVERSAL CITY/STUDIO CITY STATION ACTIVATION AND MOBILITY HUB CONCEPT 2020-0736**

AUTHORIZED ON CONSENT CALENDAR:

- a. a station activation and mobility hub concept at Universal City/ Studio City B Line (Red) Station; and
- b. staff to develop a strategic plan, including identifying necessary real estate, infrastructure and financing to support the station activation and increased mobility.

**38. SUBJECT: STATE LEGISLATION 2020-0846**

ADOPTED ON CONSENT CALENDAR staff recommended position:

- 1. Senate Bill 671 (Gonzalez) - Transportation: Clean Freight Corridor Efficiency Program - SUPPORT

**40. SUBJECT: SEPULVEDA TRANSIT CORRIDOR PROJECT 2021-0072**

AUTHORIZED:

- A. the Chief Executive Officer (CEO) to award the following two (2) Contracts, subject to resolution of protests, if any.
  - a. Contract No. PS66773MRT to LA SkyRail Express, a special purpose corporation to be formed between John Laing Investments Limited and BYD Transit Solutions LLC, for pre-development services for a proposed Monorail technology transit solution concept ("TSC") in an amount not to exceed \$63,605,132.
  - b. Contract No. PS66773HRT to Sepulveda Transit Corridor Partners -Bechtel, a special purpose vehicle to be formed between Bechtel Development Company, Inc., Meridiam Sepulveda, LLC and American Triple I Partners, LLC, for pre-development services for a proposed Heavy Rail technology transit solution concept ("TSC") in an amount not to exceed \$69,882,427.
- B. APPROVED Contract Modification Authority in the amount of 25% for each of the two contract award values, respectively, and authorize the CEO to execute individual Contract Modifications within the Board-approved Contract Modification Authority.

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
Y	C	Y	Y	Y	Y	Y	Y	C	Y	A	Y	C

**41. SUBJECT: ZERO EMISSION BUS ROLLOUT PLAN** **2020-0636**

APPROVED ON CONSENT CALENDAR Zero Emission Bus Rollout Plan for submittal to California Air Resources Board (CARB).

**42. SUBJECT: INGLEWOOD TRANSIT CONNECTOR JOINT POWERS AUTHORITY** **2021-0065**

AUTHORIZED AND DIRECTED ON CONSENT CALENDAR:

- A. the Chief Executive Officer (CEO) to execute the Inglewood Transit Connector Joint Powers Authority Joint Exercise of Powers Agreement to join with the City of Inglewood to own, manage, and oversee the design, construction, financing, operation and maintenance of the 1.6-mile Inglewood Transit Connector Project, an elevated automated people mover to provide a critically needed direct transit connection between Metro’s network, the soon to be completed regional Crenshaw/LAX Line, and key housing and employment centers, and sports and entertainment venues within the City.
- B. the CEO to take such further actions incident to execution of the Joint Exercise of Powers Agreement as are necessary to formalize formation and establishment of the Inglewood Transit Connector Joint Powers Authority as a separate legal entity.

**43. SUBJECT: FARELESS SYSTEM INITIATIVE UPDATE** **2021-0074**

RECEIVED AND FILED status report on Fareless System Initiative Update

<b>TS</b>	<b>HM</b>	<b>FD</b>	<b>JDW</b>	<b>MB</b>	<b>EG</b>	<b>HS</b>	<b>AN</b>	<b>KB</b>	<b>JB</b>	<b>PK</b>	<b>JH</b>	<b>SK</b>
P	P	P	P	P	P	P	P	P	P	A	P	P

**43.1.SUBJECT: FARELESS SYSTEM INITIATIVE** **2021-0157**

APPROVED Motion by Directors Hahn, Garcetti, Solis, Najarian, Mitchell, and Sandoval that the Board direct the Chief Executive Officer to:

- 1. Report back at the April 2021 Board Meeting on the following regarding a possible FSI:
  - a. How Metro is including municipal operators in the planning process, including what it would cost to fully include them and how many of their riders would qualify;

(Continued on next page)



(Item 43.1. – continued from previous page)

- b. All the subsidies Metro, Municipal Operators, and Cities already offer, including LIFE and U-Pass, and how those programs play a role in and inform a fareless initiative;
  - c. How fareless will impact the Formula Allocation Procedure (FAP), state and federal grants, and ACCESS Services; and,
  - d. What Metro's customer surveys tell us about fareless and other priorities.
  - e. Potential cost savings and implications for what can be realized through a fareless program for all residents through elimination of TAP infrastructure, administration of pass and subsidy programs, etc.
2. As part of any recommendation to implement a fareless initiative, provide the following:
- a. Funding source details, including what those funds could go to if not fareless transit;
  - b. A plan to decide how to evaluate the success of the program, including permanent funding sources and what would trigger an end to or continuation of the program;
  - c. A commitment to not cut service, state of good repair, or customer experience priorities; and,
  - d. If a FSI pilot is approved, regular reports back to the Board on how the initiative is impacting ridership, equity, Metro's finances, and the customer experience.

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	A	Y	Y

**44. SUBJECT: EASTSIDE ACCESS IMPROVEMENTS PROJECT**

**2020-0931**

**APPROVED ON CONSENT CALENDAR:**

- A. a life-of-project budget for the Eastside Access Improvements Project (Project) in the amount of \$29,703,098 consistent with the provisions of the Board-adopted Measure R and Measure M Unified Cost Management Policy (Attachment B).
- B. AUTHORIZED the Chief Executive Officer to negotiate and execute project related agreements, including contract modifications, up to the authorized Life-of-Project budget.

A. Conference with Legal Counsel - Existing Litigation - G.C. 54956.9(d)  
(1)

William Thomas v. LACMTA, Case No. 19STCV36325

Authorized settlement in the amount of \$400,000.

TS	HM	FD	JDW	MB	EG	HS	AN	KB	JB	PK	JH	SK
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	A	Y	Y

B. Public Employment - G.C. 54957

Title: Board Secretary

No Report. Staff dismissed from room.

C. Public Employment - G.C. 54957

Title: Chief Executive Officer

No Report. Staff dismissed from room.

**ADJOURNED AT 4:32 P.M.**

Prepared by: Jessica Vasquez Gamez  
Administrative Analyst, Board Administration



Christina Goins, Board Secretary

###



## Board Report

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File #: 2021-0122, File Type: Policy

Agenda Number: 5.

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### FINANCE, BUDGET AND AUDIT COMMITTEE APRIL 14, 2021

**SUBJECT: DEBT POLICY**

**ACTION: APPROVE RECOMMENDATIONS**

#### **RECOMMENDATION**

ADOPT the Debt Policy (included as Attachment A).

#### **ISSUE**

The Debt Policy recommends that it be reviewed periodically and presented to the Board for approval of changes. State law requires California issuers submit a report of proposed debt issuance to the California Debt and Investment Advisory Commission (CDIAC) no later than 30 days prior to the sale of any debt issue. Effective 2017, California legislation requires the report of proposed debt issuance include a certification by the issuer that it has adopted a debt policy.

#### **BACKGROUND**

The Debt Policy provides guidelines for the issuance and management of debt issued by the Los Angeles County Metropolitan Transportation Authority ("LACMTA"). The policy confirms the commitment of the Board, management, staff, advisors and other decision makers to adhere to sound financial management practices, including full and timely repayment of all borrowings, achieving the lowest possible cost of capital within prudent risk parameters and encouraging the use of small business enterprises ("SBE"), service disabled veteran business enterprises ("DVBE"), local and disadvantaged business enterprises ("DBE") advisors and underwriters when appropriate and in accordance with the LACMTA procurement policy.

#### **DISCUSSION**

The purpose of the Debt Policy is to establish guidelines for the issuance and management of our debt. The proposed changes to the Debt Policy reflect changes in debt issuance and disclosure standards and practices. Other changes include edits to reflect appropriate titles and edits made to clarify language and improve readability.

#### **POLICY IMPLICATIONS**



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The Debt Policy governs the management of our overall debt program. The policy sets the guidelines to be used when considering the use of debt, as well as in the on-going management of existing obligations. Guidance is provided specifying appropriate uses, selection of acceptable debt and lease products and debt issuance limits. The processes for selection of professional services and financial products are also specified.

As of March 1, 2021, we had \$5.1 billion of bonds outstanding in 27 transactions and three short-term borrowing programs for Proposition A, Proposition C and Measure R with \$311.0 million outstanding, all subject to the Debt Policy.

### **DETERMINATION OF SAFETY IMPACT**

The adoption of the updated policy will have no safety impact.

### **FINANCIAL IMPACT**

There is no direct financial impact on the FY21 budget associated with implementing or not implementing the updates to this policy.

### **ALTERNATIVES CONSIDERED**

The California Government Code requires an issuer certify that it has adopted a Debt Policy prior to issuing debt. The Government Finance Officers Association ("GFOA") recommends the adoption of a comprehensive Debt Policy as a Debt Management Best Practice. Properly updated policies governing the management of debt is essential to sound financial and debt management while providing guidance to effectively obtain the lowest cost of capital.

The Board may elect not to approve the proposed revisions to the Debt Policy. The existing Debt Policy shall remain in effect until a revised Debt Policy is adopted.

### **NEXT STEPS**

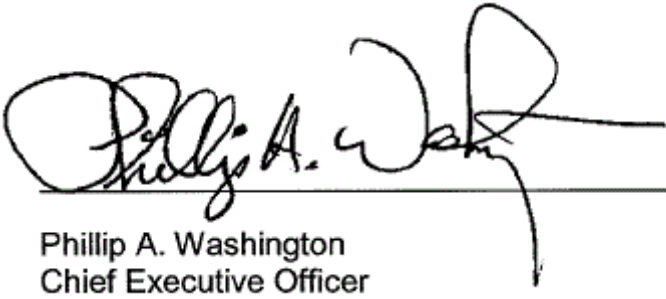
Following adoption of the Debt Policy we will make it available on the Investor Relations section of our website and distribute it to rating agencies and other interested parties as part of our investor relations outreach.

### **ATTACHMENTS**

Attachment A - Debt Policy (Redlined)

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## DEBT POLICY

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## DEBT POLICY

### **I. Introduction**

The purpose of the Debt Policy is to establish guidelines for the issuance and management of debt issued by the Los Angeles County Metropolitan Transportation Authority ("LACMTA"). This Debt Policy confirms the commitment of the Board, management, staff, advisors and other decision makers to adhere to sound financial management practices, including full and timely repayment of all borrowings, achieving the lowest possible cost of capital within prudent risk parameters and encouraging the use of small business enterprises ("SBE"), service disabled veteran business enterprises ("DVBE"), local and disadvantaged business enterprises ("DBE") advisors and underwriters when appropriate and in accordance with the LACMTA procurement policy. The Debt Policy goals are as follows:

1. Achieve the lowest cost of capital
2. Maintain a prudent level of financial risk
3. Preserve future financial flexibility
4. Maintain strong credit ratings and good investor relations
5. Ensure that SBE, DVBE, local and DBE investment banking and financial firms will be considered for, and utilized in, lead and senior manager roles in accordance with the LACMTA procurement policy.

### **II. Scope and Authority**

This Debt Policy shall govern, except as otherwise covered by the Investment Policy, Gas Hedging Guidelines, Defeased Lease Policy or Interest Rate Swap Policy, the issuance and management of bonds and other forms of indebtedness of LACMTA, together with any credit, liquidity or other security instruments and agreements that may be executed in connection with the issuance of bonds and other forms of indebtedness (collectively referred to as "Bonds" or "Debt")."

While adherence to this Debt Policy is generally required, it is recognized that changes in the capital markets, our programs and other unforeseen circumstances may from time to time produce situations that are not covered by the Debt Policy and will require modifications or exceptions to best achieve policy goals. In these cases, management flexibility is appropriate, provided specific authorization from the Board is obtained or is authorized in this policy. The Chief Executive Officer, the Chief Financial Officer, the Treasurer, a Deputy Executive Officer, Finance and an Assistant Treasurer, each, an "Authorized Signatory," are each individually authorized to take all reasonable actions necessary to issue the debt and administer the debt on an ongoing basis. The administration is herein defined as "Administrative Actions." Administrative Actions may be taken when in the reasonable judgment of an Authorized

Signatory such action will be beneficial and consistent with the original objectives for entering into the transaction. Administrative Actions include both day-to-day administrative activities as well as actions that need to be taken to correct problems, such as with providers of services or financial facilities, agreements, insurance policies or surety policies. Such Administrative Actions may include, but are not limited to, amendment of terms and pricing, replacement of providers, amendment or replacement of agreements and facilities and substitution using different products and providing for the issuance of commercial paper, all to achieve the original purpose of the transaction. The failure by LACMTA to comply with any provision of this Debt Policy shall not affect the validity of any Debt that is otherwise duly authorized and executed.

The Debt Policy shall be reviewed at least annually and presented to the Board for approval of any changes as needed excluding changes to position titles. If no changes are needed, the existing approved Debt Policy will remain in effect until the Board approves the recommended update to the Debt Policy. The Treasurer shall have the day-to-day responsibility and authority for structuring, implementing and managing the debt and finance program. The Debt Policy requires that the Board specifically authorize each long-term debt and lease financing. However, as detailed in the following section, the authority is ongoing regarding issuance of commercial paper and other ~~short term~~ short-term borrowings in support of Board authorized capital projects and expenditures, and to remedy matters being addressed as Administrative Actions.

### **III. Capital Budgeting and Debt Issuance Process**

#### **A. Capital Budgeting**

##### **1. The Capital Plan**

A Capital Plan shall be developed for consideration and adoption by the Board. The Capital Plan should have a planning horizon of at least a 5-year period and shall be updated at least annually. It is our current practice to include the Capital Plan in the Annual Budget for consideration and adoption.

##### **2. Authorization for Issuance of Bonds and Leases**

Each bond issue or financial lease shall be presented to the Board for authorization. The Board's adoption of the Annual Budget does not constitute authorization for issuance of bonds or a financing lease.

##### **3. Authorization for Interim Financing Programs**

Issuance of commercial paper and similar short-term borrowings such as revolving credit facilities are authorized by the Board approval of short-term borrowing programs. The Authorized Signatories may then take all actions necessary to cause the issuance of such short-term notes or draws on similar short-term borrowing facilities, to fund, refund or reimburse expenditures related to Board approved capital

projects and expenditures, as well as to remedy matters being addressed as Administrative Actions.

## **B. Types of Debt Financing**

### **1. Use of Long-Term Debt**

#### **a) Purpose for Long-Term Debt**

Long-term debt is appropriate for financing essential capital projects and certain capital equipment where paying over time, with interest, allows us to meet certain public policy goals. Those goals may include accelerating the completion of improvements to increase mobility, taking advantage of available federal or other funding, and matching the payment for improvements with their use in recognition that future taxpayers can benefit from the capital investment. The use of long-term debt will be evaluated with pay-as-you-go capital investment and will not be used to fund non-capital operational expenditures or operating deficits.

In order to achieve strong credit ratings and the lowest cost of funding, the debt secured by Proposition A, Proposition C, Measure R or Measure M sales tax shall allow for each of the respective bond trust agreements to pledge the entire amount of the sales taxes received, except for the Local Return portion of that sales tax. Debt service attributable to the financing of a project will be charged to one or more ordinance categories in accordance with the applicable ordinance.

#### **b) Lease Financing**

Lease obligations are an appropriate means of financing capital equipment where lease financing will be more beneficial, either economically or from a policy perspective. The useful life of the capital equipment, the terms and conditions of the lease, the direct impact on debt capacity and budget flexibility will be evaluated prior to the implementation of a lease program. Capital equipment will generally be purchased on a pay-as-you-go basis where feasible. Cash flow sufficiency, capital program requirements, lease program structures and cost, and market factors will be considered in conjunction with a pay-as-you-go strategy in lieu of lease financing. All leases providing tax-exempt financing are subject to this policy, as are all leases, master leases and leasing programs having a cumulative value exceeding \$10 million. All tax-exempt leases shall be implemented and maintained by the Treasury Department.



c) *Alternative Financing Programs*

Federal loans, ~~state loans or other conduit pool loan programs~~ as well as federally subsidized taxable and tax- exempt bond programs may be utilized to provide funding when such loans or bonds provide an attractive funding cost or provide other features deemed desirable for the circumstances, such as deep subordination of the repayment obligation, an unusually long repayment term, or other desirable features. Staff will evaluate these programs for any new risks and costs, and account for such factors in considering their use.

2. *Use of Short-Term and Variable Rate Debt*

a) *Interim Financing*

Commercial paper, and similar short-term borrowing programs as well as short-term fixed rate bond or grant anticipation notes, which generally have maturities of less than 3 years, are cash management tools that are primarily used to provide interim funding for capital expenditures that will ultimately be funded from another source such as a grant, a long-term bond issue, or a Federal loan program. The Board has previously authorized the ongoing use of the Proposition A, Proposition C and Measure R commercial paper or similar short-term borrowing programs, ~~respectively, respectively;~~ to fund Board approved programs and expenditures. The Board may also authorize the ongoing use of interim financing for Measure M programs.

b) *Variable Rate Debt*

In addition to interim financing, which includes commercial paper and similar short-term borrowing programs, it may be appropriate to issue long-term variable rate debt that bears an interest rate that is reset periodically at predetermined intervals, including entering into revolving credit facilities, to diversify the debt portfolio, reduce interest costs, and improve the match of variable rate assets (such as short-term investments and reserves) to liabilities. The amount of unhedged variable rate debt will generally not exceed 20% of all outstanding debt, and the total of hedged and un-hedged variable rate debt will not exceed ~~50%~~30% of all outstanding debt. Under no circumstances will variable rate debt be issued solely—for the purpose of earning interest through arbitrage. If unhedged variable rate debt is outstanding, at least annually, it shall be determined whether it is appropriate to convert the debt to fixed interest rates.

**IV. Debt Affordability Policy Limits**

**A. LACMTA Borrowings**

The maximum amounts of revenues to be used to pay debt service are listed as percentages of the respective revenue sources. These limits in combination with the Capital Plan and multi-year planning documents ensure that we will be able to continue providing our essential operational services while planning for replacement, rehabilitation and expansion of our capital investments.

<b>Proposition A Sales Tax Revenue Debt Affordability Limits</b>		
<b>Category</b>	<b>Allowable Uses</b>	<b>Debt Policy Maximum</b>
Prop A Rail 35%	<i>Rail Operations &amp; Capital.</i>	87% of Prop A Rail 35%.
Discretionary 40%	<i>Any transit purpose. Current state law directs these funds to bus subsidies and incentives.</i>	No further issuance.
Local Return 25%	<i>Any transit purpose. Distributed to localities based on population.</i>	N/A

<b>Proposition C Sales Tax Revenue Debt Affordability Limits</b>		
<b>Category</b>	<b>Allowable Uses</b>	<b>Debt Policy Maximum</b>
Discretionary 40%	<i>Bus &amp; Rail, Capital &amp; Operating.</i>	40% of Discretionary 40%.
Highway 25%	<i>Streets, Highways and Fixed Guideway Projects on Railroad Right-of-Way.</i>	60% of Highway 25%.
Commuter Rail 10%	<i>Commuter Rail and Park and Ride. Operations or capital.</i>	40% of Commuter Rail 10%.
Security 5%	<i>Transit Security. Operations or capital.</i>	No debt issuance.
Local Return 20%	<i>Any transit purpose and certain roadways heavily used by transit. Distributed to localities based on population.</i>	N/A

<b>Measure R Sales Tax Revenue Debt Affordability Limits</b>		
<b>Category</b>	<b>Allowable Uses</b>	<b>Debt Policy Maximum</b>
Transit Capital 35% – New Rail and/or Bus Rapid Transit	<i>New Rail and/or Bus Rapid Transit.</i>	87% of Transit Capital 35% – New Rail and/or Bus Rapid Transit.
Transit Capital 3% – Metrolink Capital Improvement Projects Within LA County	<i>Operations, Maintenance and Expansion for system improvements, rail yards and rail cars.</i>	87% of Transit Capital 3% – Metrolink Capital Improvements within LA County.
Transit Capital 2% – Metro Rail Capital	<i>System improvements, rail yards and rail cars.</i>	87% of Transit Capital 2% – Metro Rail Capital.
Highway Capital 20%	<i>Carpool lanes, highways, goods movement, grade separations and soundwalls.</i>	60% of Highway Capital 20%.
Operations 5% – Rail Operations	<i>Rail operations for new transit project operations and maintenance.</i>	No debt issuance.
Operations 20% – Bus Operations	<i>Bus operations for countywide bus service and maintenance.</i>	No debt issuance.
Local Return 15%	<i>Major street resurfacing, rehabilitation and reconstruction; pothole repair; left turn signals; bikeways, pedestrian improvements; streetscapes; signal synchronization; and transit. Distributed to localities based on population.</i>	N/A

<b>Measure M Sales Tax Revenue Debt Affordability Limits</b>		
<b>Category</b>	<b>Allowable Uses</b>	<b>Debt Policy Maximum</b>
Transit, First/Last Mile (Capital) 35% - Transit Construction	<i>Includes system connectivity projects-Airports, Union Station, and Countywide BRT.</i>	87% of Transit First/Last Mile (Capital) 35% – Transit Construction.
Transit Operating & Maintenance 20% – Transit Operations	<i>Operations for transit service, maintenance, and expansion.</i>	No debt issuance.

<b>Measure M Sales Tax Revenue Debt Affordability Limits</b> (continued from previous page)		
<b>Category</b>	<b>Allowable Uses</b>	<b>Debt Policy Maximum</b>
Highway, Active Transportation, Complete Streets (Capital) 17% – Highway Construction	<i>Includes System Connectivity Projects-Ports, Highway Congestion Programs, Goods Movement.</i>	87% of Highway, Active Transportation, Complete Streets (Capital) 17% – Highway Construction.
Local Return/Regional Rail 16% – Local Return	<i>Streets and roads, traffic control measures, active transportation, public transit services, public transit capital, transit oriented community investments, transportation marketing, congestion management program, transportation administration, and local funding contributions.</i> Distributed to localities based on population.	N/A
Transit Operating & Maintenance 5% – Metro Rail Operations	<i>Operating, regular and preventative maintenance for existing and new Metro Rail Lines, as well as the repair, replacement, and rehabilitation of Metro assets required for its rail transit vehicle fleet, systems and engineering, and stations.</i>	No debt issuance.
Highway, Active Transportation, Complete Streets (Capital) 2% – Metro Active	<i>Bicycle, Pedestrian, Complete Streets.</i>	87% of Highway, Active Transportation, Complete Streets (Capital) 2% – Metro Active Transportation.
Transit, First/Last Mile (Capital) 2% – Metro State of Good Repair	<i>Repair, replacement, and rehabilitation of Metro Rail assets.</i>	87% of Transit, First/Last Mile (Capital) 2% – Metro State of Good Repair. Issuance unlikely in the future.
Transit Operating & Maintenance 2% – ADA Paratransit	<i>ADA Paratransit for the Disabled; Metro Discounts for Seniors and Students.</i>	No debt issuance.
Local Return/Regional Rail 1% – Regional Rail	<i>Regional commuter rail operations and services for L.A. County.</i>	87% of Local Return /Regional Rail 1% – Regional Rail. Issuance unlikely in the future.

Other Revenue Debt Affordability Targets		
Category	Allowable Uses	Debt Policy Maximum
Fare Box Revenue	Any transit purpose.	No further issuance.
Federal Grant Revenues	In accordance with grant.	Limited issuance. <sup>(1)</sup>
State Grant Revenues	In accordance with grant.	No debt issuance.
Transportation Development Act TDA	Various transit purposes.	Limited issuance. <sup>(1)</sup>
Benefit Assessment Levies	Historically to support rail construction.	Limited issuance. <sup>(1)</sup>
Lease Revenues	Any transit purpose.	Limited issuance. <sup>(1)</sup>
Toll Revenues	Permitted expenditures within the Corridor, as so determined.	Limited issuance. <sup>(1)</sup>
Other System Revenues	Any transit purpose.	Limited issuance. <sup>(1)</sup>

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<sup>(1)</sup> Based on revenue availability and capital program needs.

#### **B. Local Return Borrowings**

California law prevents LACMTA from borrowing against the Local Return funds. LACMTA provides guidance to recipients of Local Return funds for borrowing against those funds through the Local Return Borrowing Guidelines. The borrowings are generally consistent for all four sales tax measures.

#### **V. Purpose of Financing**

##### **A. New Money Financing**

New money issues are financings that generate additional funding to be available for expenditure on capital projects. These financings may be long-term financings, or short-term financings for interim funding pending a long-term financing or receipt of funds. These funds will be used for acquisition, construction and major rehabilitation of capital assets. New money bond proceeds may not be used to fund non-capital operational expenditures. The funding requirement by sales tax ordinance category is determined in the context of the Capital Plan and Annual Budget. The financial advisor will recommend the financing structure based on the type of financial products available and in consideration of market conditions at the time of the sale.

##### **B. Refunding Bonds**

LACMTA shall continuously review its outstanding obligations for economic, ~~or cost-effective opportunities, or other "non-economic" reasons to issue refunding opportunities obligations.~~ Refunding bonds are issued to retire all or a portion of an outstanding bond issue. Most typically this is done to refinance at a lower interest rate to reduce debt service. Alternatively, some refundings are executed for a reason other than to achieve cost savings, such as to restructure the repayment schedule of the debt, to change the

type of debt instruments being used, or to retire an indenture in order to remove restrictive covenants.

In any event, a present value analysis must be prepared that identifies the economic effects of any refunding being proposed to the Board. The target savings amounts listed below are not applicable for refunding transactions that are not solely undertaken to achieve cost savings.

~~The target savings amount shall be measured using either a call option pricing model or the savings as percentage of the refunded par.~~

The traditional methodology of measuring the effectiveness of a refunding is to divide the net present value savings as a percentage of the refunded par amount. ~~Absent any significant non-economic factors, This policy incorporates the standard rule of thumb that~~ a refunding should generate, at a minimum, net present value savings of at least 3% of the refunded par amount for a current refunding, where the outstanding bonds can be prepaid within 90 days. A higher savings requirement may be appropriate for an advance refunding, where the proceeds are placed in an escrow to call bonds in the future. In addition, the efficiency of the investments in the refunding escrow should be considered in recommending an advance refunding.

~~Alternatively, the value of the call option (using an option pricing model) can be used to evaluate a refunding whose sole purpose will be to achieve cost savings. The target savings from any particular refunding candidate, by maturity, shall be no less than 80% of the calculated value of the call option, net of all transaction expenses.~~

While the Treasurer will evaluate refunding savings for each outstanding maturity, these policy minimums recognize that individual maturities, particularly short maturities, may be appropriate to refund even at lower savings thresholds, recognizing that the value of the call option "asset" will be reduced with the passage of time. The Treasurer shall have discretion in making the final determination to include individual refunding candidates that are above or below the target in order to optimize the policy and/or financial objectives.

In the event that an interest rate swap or other derivative product is to be used as part of a refunding, the target savings shall be increased to account for any additional ongoing administrative costs, financial risk beyond that of a traditional fixed rate refunding, and loss of future financial flexibility.

## **VI. Types of Products**

### **A. Current Coupon Bonds**

Current coupon bonds are bonds that pay interest periodically and principal at maturity. They may be used for both new money and refunding transactions. Bond features may be adjusted to accommodate the market

conditions at the time of sale, including changing the dollar amounts for annual principal maturities, offering discount and premium bond pricing, modifying the terms of the call provisions, and utilizing bond insurance.

**B. Zero Coupon and Capital Appreciation Bonds**

Zero coupon bonds and capital appreciation bonds have principal amortization that is much slower than level debt service resulting in increased interest expenditure over the life of the bond and, therefore, shall only be recommended in limited situations.

**C. Lease Purchase Financing**

Lease purchase financing represents a long-term financing lease that is suitable for financing capital expenditures, including the acquisition and/or construction of land, facilities, equipment and rolling stock.

**1. Equipment**

We shall have the ability to consider lease purchase transactions, including certificates of participation, long-term vendor leases, and the use of master lease programs. Financing of equipment will be limited to contracts of at least \$20,000 and a useful life that is greater than 3 years. The final maturity of equipment lease financings will be limited to the remaining useful life of the equipment.

**2. Real Property**

The final maturity of the financing shall not exceed the remaining useful life of the facility. A lease financing generally should not have a final maturity exceeding 30 years. Principal payments related to real property acquisition or construction are to be amortized so that there will be level debt service payments, although a more rapid amortization may be used to accelerate the repayment.

**D. Derivative Products**

Derivative products will be considered appropriate in the issuance or management of debt only in instances where it has been demonstrated that the derivative product will either provide a hedge that reduces risk of fluctuations in expense or revenue, or alternatively, where it is expected to reduce total financing cost. The Board approved Interest Rate Swap Policy sets forth the guidelines for interest rate swaps. For derivatives not addressed in the Interest Rate Swap Policy, an analysis of early termination costs and other conditional terms given certain financing and marketing assumptions will be completed. Such analysis will document the risks and benefits associated with the use of the particular derivative product. Derivative products will only be utilized with prior Board approval except as otherwise specified in the Interest Rate Swap Policy.



## **VII. Structural Features**

### **A. Maturity of Debt**

The final maturity of the debt shall be equal to or less than the remaining useful life of the assets being financed, and the average life of the financing shall not exceed 120% of the average life of the assets being financed. In no event shall the final maturity exceed 50 years, per the Public Utilities Code Section 130534.

### **B. Debt Service Structure**

LACMTA shall design the debt service schedule and repayment of debt to take advantage of market conditions, provide flexibility and, as practical, to recapture or maximize its debt capacity for future use. In most cases, combined principal and interest payments for any particular bond issue will be structured to have approximately level annual debt service payments over the life of the bond issue. Nevertheless, the debt service of an individual bond issue can be structured to produce level aggregate debt service for each lien.

### **C. Lien Levels**

Senior and Junior Liens for each revenue source will be utilized in a manner that will maximize the most critical constraint -- typically either cost or capacity -- thus allowing for the most beneficial use of the revenue source securing the bond.

### **D. Capitalized Interest**

Unless required by a particular financing, interest on debt will not be capitalized out of debt proceeds. This avoids unnecessarily increasing the bond size. Certain types of financings such as lease-secured financings, direct federal loans, and certain revenue bond projects may require that interest on the debt be paid from capitalized interest until we have constructive use of the project and project related revenues are expected to be available to pay debt service.

### **E. Discount and Premium Bonds**

Discount or premium bonds may reduce the interest cost of the bonds by better matching investors' desires in certain markets. We may limit the amount of discount or premium coupons to reduce the negative impact on any subsequent refunding of the bonds for interest savings.

### **F. Debt Service Reserve Fund**

The LACMTA shall allocate a portion of the bond proceeds from a debt financing to a debt service reserve fund "DSRF" if required by market conditions or the rating agencies to achieve the lowest possible financing cost. The ~~debt service reserve fund "DSRF, DSRF"~~ is generally cash funded with bond proceeds. The trustee maintains the DSRF throughout the life of the bonds. A cash funded DSRF is invested pursuant to investment of

proceeds guidelines within the respective indenture and interest earnings are generally used to offset debt service payments. In the final year of the bond issue, the cash available in the DSRF is usually used to make the final debt service payment. ~~Since a cash funded DSRF generates interest income, the DSRF~~

~~has the potential to be cost neutral if the interest earnings equal or exceed the interest rate of the bonds.~~

An alternative to having a cash funded DSRF is to use a DSRF surety policy obtained from a highly rated bond insurer. The surety policy requires an up-front fee payment to the insurer and results in a loss of future income to the DSRF. The Treasurer with the financial advisor will evaluate and document the DSRF funding decision to ensure that this alternative provides a more cost effective solution to the bond issuance. ~~Factors to be considered in this evaluation include: arbitrage yield restrictions, current interest rates, availability and cost of a surety policy, foregone interest and capital gains from a cash funded DSRF, the relative size of the reserve requirement compared to the prior reserve requirement (refunding issues only), and opportunities for the use of the funds withdrawn from the DSRF including additional capital projects or investment opportunities.~~

To the extent a DSRF is not required under the authorizing documents for a bond issue, the financial advisor will be consulted to advise whether a DSRF should be included. The analysis will consider the anticipated net cost of carry for the DSRF, loss of additional bonding capacity, and impacts on ratings and bond pricing.

#### **G. Amortization**

Debt will be amortized within each lien to achieve overall level debt service or may utilize more accelerated repayment schedules after giving consideration to bonding capacity constraints. The use of heavily back-loaded principal repayment, bullet and balloon maturities should be avoided, except to achieve wrapped debt service so as to level the aggregate outstanding debt service.

If debt is issued under an alternative structure, such as a direct federal loan, the amortization schedule may be modified in order to meet specific requirements of the financing program or utilize advantageous alternative repayment schedules.

#### **H. Financial and Risk Analysis of Issuance**

Net present value cost analysis, assessment of structural risks and complexities, and consideration of restrictions to future financing flexibility will be assessed and documented to determine the most efficient bond type and structuring features. Our long-term pooled investment rate will be used as the discount rate when comparing alternatives.

#### **I. Call Provisions**

In general, bonds issued should include a 10-year par-call feature. However, if determined to be financially advantageous, bonds may be issued that have make-whole calls, are non-callable or include a par-call for periods longer or shorter than 10 years. Prior to the use of any such call provision, the option-

adjusted yields on the bonds with and without a non-call provision will be analyzed to determine which is most beneficial.

## **J. Credit Enhancement**

### **1. Bond Insurance**

Bond insurance will be used when it provides an economic advantage to a particular bond maturity or entire issue. Bond insurance may be secured from third-party credit providers to the extent such credit enhancement is available upon competitive and ~~cost-effective~~cost-effective terms. Selection of credit enhancement providers shall be subject to a competitive bid process. Credit enhancement may be used to improve or establish a credit rating on a debt obligation even if such credit enhancement is not cost effective if the use of such credit enhancement meets the organization's debt financing goals and objectives.

### **2. Bank Facilities**

The issuance of most variable rate debt, including variable rate demand bonds and commercial paper, requires the use of some form of bank facility, to ensure that the investor can sell their bond or note back when the interest rate is reset, in the form of a letter of credit, line of credit or standby bond purchase agreement. Alternatively, banks provide for variable rate direct lending to us such as through a revolving credit facility or direct purchase agreement.

#### **a) Provider Selection**

Depending on market conditions, the financial advisor will conduct a competitive process to recommend a bank facility provider. Banks will have short-term ratings of at least P-1/A-1, or equivalent ratings, by any two nationally recognized rating agencies including Moody's Investors Service, S&P Global Ratings, Fitch Ratings and Kroll Bond Rating Agency, Inc., in order to be solicited for bank liquidity or credit enhancement, such as letters of credit or standby bond purchase agreements. Minimum short-term ratings are not required for bank facilities where the bank lends directly to us. Selection criteria for Bank Facilities will include the following:

- i. The bank's acceptance of terms and conditions acceptable to us. A term sheet will be provided along with the request for qualifications and any requested modifications will be highlighted by the bank;
- ii. A review of a representative list of clients for whom the bank has provided Bank Facilities; and
- iii. Evaluation of fees; specifically, cost of credit and/or liquidity facility, draws, bank counsel and other administrative

charges, index (e.g., SIFMA or LIBOR, or if LIBOR shall no longer be in general use, any successor index determined by the Alternative Reference Rates Committee) and the spread to the index for direct lending, and an estimate of the trading differential for a given bank.

### **VIII. Documentation of Transactions**

The decision processes used in each financing process will be fully documented. The Treasurer and the Deputy Executive Officer, Finance overseeing the debt program will be responsible for maintaining information regarding the selection of the financing team, decisions on product selection and structuring features, selection of vendors providing ancillary services and selection of investment securities or products. This information will be compiled into a post-pricing book "transaction file," which will be retained along with the bond closing transcript for each financing.

Additionally, copies of all material documents related to the capital expenditures financed or refinanced by bond proceeds, copies of all contracts and arrangements involving the use of bond proceeds, copies of all contracts and arrangements involving the use of bond financed or refinanced assets, and copies of all records of investments, investment agreements, arbitrage reports and underlying documents including Trustee statements in connection with any investment agreements, and copies of bidding documents shall be maintained.

The documents shall be maintained for the term of each issue of bonds plus five years in accordance with LACMTA's record keeping policies.

### **IX. Credit Objectives**

We will actively seek to:

1. Maintain and improve the credit ratings of our outstanding bonds.
2. Adhere to benchmarks, overall debt ratios and affordability targets.
3. Have frequent communications with the credit rating agencies.

### **X. Method of Bond Sale**

The competitive bond sale process will be utilized when it is expected to provide the lowest interest cost for the bonds. However, there are three methods of sale: competitive, negotiated and private placement. Each type of bond sale has the potential to provide the lowest cost given the right conditions. The conditions under which each type of bond sale is best used are provided below.

#### **A. Competitive Sale**

1. Bond prices are stable and/or demand is strong.
2. Market timing and interest rate sensitivity are not critical to the pricing.

3. Participation from DBE / SBE firms is best efforts only and not required for winning bid.
4. Issuer has a strong credit rating.
- ~~5.~~ Issuer is well known to investors.
- ~~6.~~
- ~~7-5.~~
- ~~8-6.~~ There are no complex explanations required during marketing regarding the issuer's projects, media coverage, political structure, political support, funding, or credit quality.
- ~~9-7.~~ The bond type and structural features are conventional.
- ~~10-8.~~ Manageable transaction size.

#### **B. Negotiated Sale**

1. Bond prices are volatile.
2. Demand is weak or supply of competing bonds is high.
3. Market timing is important, such as for marginal refundings.
4. Coordination of multiple components of the financing is required.
5. Participation from DBE / SBE firms is enhanced.
6. Issuer has lower or weakening credit rating.
7. Issuer or the particular credit is not well known to investors.
8. Sale and marketing of the bonds will require complex explanations about the issuer's projects, media coverage, political structure, political support, funding, or credit quality.
9. The bond type and/or structural features are non-standard, such as for a forward delivery bond sale, issuance of variable rate bonds, use of derivative products or there is a specific structural feature required or desired which benefits from the negotiated process.
10. Early structuring and market participation by underwriters are desired.
11. The par amount for the transaction is significantly larger and would limit competition.
12. Demand for the bonds by retail investors is expected to be high.

For a negotiated bond sale, the financial advisor will conduct a competitive process to select underwriters, either for a specific bond issue or through the establishment of a pool of underwriters to be used for bond issues over a defined time period. Selection scoring will include the local preference criteria in accordance with the LACMTA procurement policy.

#### **C. Private Placement**

Private placement is a sale that is structured specifically for one purchaser such as a bank. A direct purchase agreement or a revolving credit facility are forms of private placement. If a private placement is the preferred method of sale, depending on market conditions, the financial advisor will conduct a competitive process to recommend the purchaser of the obligations. Selection criteria will include the following:

1. A term sheet will be provided along with the request for qualifications

and any requested modifications will be highlighted by the bank. The bank's acceptance of terms and conditions acceptable to us will be a factor in selection;

~~2.~~ A review of a representative list of clients for whom the bank has provided similar agreements; and

~~2.~~  
3. Evaluation of fees; specifically, cost of the agreement including index, and spread and other administrative charges. The evaluation of fees, terms and conditions will be compared to other alternative financing methods.

In the event a private placement is utilized, Metro will provide information to the rating agencies currently rating our long term debt and will post on [the Electronic Municipal Market Access "EMMA" website of the Municipal Securities Rulemaking Board](#).

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## **XI. Internal Controls**

When issuing debt, in addition to complying with the terms of this Debt Policy, LACMTA shall comply with any other applicable policies regarding initial bond disclosure, continuing disclosure, tax-exemption, post-issuance compliance, and investment of bond proceeds.

LACMTA will periodically review the requirements of and will remain in compliance with the following:

~~1.~~ Any continuing disclosure undertakings under SEC Rule 15c2-12 such as filing our annual financial statements and other financial and operating data for the benefit of our bondholders within 195 days (January 11) of the close of the fiscal year and file material event notices [on the EMMA website](#) in a timely manner,

~~1-2.~~ [Any annual report to CDIAC for any issuance of debt that LACMTA has submitted a report of final sale on or after January 1, 2017. The annual report shall comply with Government Code Section 8855 and related regulations.](#)

~~2-3.~~ Any federal tax compliance requirements, including without limitation arbitrage and rebate compliance, related to any prior bond issues, and

~~3-4.~~ LACMTA investment policies as they relate to the investment of bond proceeds.

Proceeds of debt will be held either (a) by a third-party trustee, which will disburse such proceeds to LACMTA upon the submission of one or more written requisitions, or (b) by LACMTA, to be held and accounted for in a separate fund or account, the expenditure of which will be carefully documented by LACMTA.

## **XII. Investment of Bond Proceeds**

### **A. Purchase and Sale of Investments**

Compliance shall be maintained with all applicable Federal, State, and contractual restrictions regarding the use and investment of bond proceeds. This includes compliance with restrictions on the types of investment securities allowed, restrictions on the allowable yield of some invested funds as well as restrictions on the time period over which some bond proceeds



may be invested. The Treasurer may direct the investment of bond and lease proceeds in accordance with the permitted investments for any particular bond issue or lease. Providers of structured investment products and professional services required to implement the product or agreement will be recommended based on a competitive process conducted by the financial advisor or investment advisor.

**B. Diversification**

Investment contracts shall be diversified in order to reduce risk exposure to investment providers, types of investment products and types of securities held.

**C. Disclosure**

It shall be required that all fees resulting from investment services or sale of products to us be fully disclosed to ensure that there are no conflicts of interest and investments are being purchased at a fair market price.

Underwriters of the bonds, but not the financial or investment advisor, may bid on the sale of investment products for the proceeds. The financial or investment advisor shall document the bidding process and results and shall certify in writing that a competitive and fair market price was received.

**XIII. Market Relationships**

**A. Rating Agencies**

The Chief Executive Officer, the Chief Financial Officer and the Treasurer shall be primarily responsible for maintaining our relationships with Moody's Investors Service, Standard & Poor's ~~and~~ Fitch Ratings, Kroll bond Rating Agency or any other nationally recognized rating agency. In addition to general communications, the Chief Executive Officer, the Chief Financial Officer, and the Treasurer, or their appropriate designees, shall communicate with the analysts of each agency providing an underlying rating at least annually, and prior to each competitive or negotiated sale.

**B. Investor Relations**

An Investor Relations section on or linked to our website shall be maintained and updated on a regular basis with relevant financial and debt information. Timely and accurate information shall be provided in response to inquiries from investors in order to maintain positive ongoing investor relations.

**C. Board Communication**

As a means of providing feedback from rating agencies and/or investors regarding our financial strengths and weaknesses as perceived by the marketplace, information will be provided to the Board as material information develops.

#### **XIV. Initial Disclosure**

For each public offering of long-term bonds, we are generally required to prepare a preliminary official statement (“POS”) and final official statement (“FOS”). Along with our legal counsel and financial advisor, we will review and discuss necessary disclosure information in drafting the official statement (“OS”) and utilize appropriate disclosure procedures in order to comply with Federal Securities Law, including SEC Rule 10b-5. A draft of the POS will be provided to the Board for its review and comment prior to the posting of the POS. In connection with each bond issue, we should retain legal counsel for assistance and advice regarding our disclosure responsibilities with respect to the OS. This legal counsel may be the Bond Counsel for the issue or it may be separately engaged Disclosure Counsel. Disclosure policies and procedures will be maintained to assist in the disclosure process.

#### **XV. Consultants**

The financial advisors and bond and disclosure counsel will be selected by competitive process through a Request for Proposals (“RFP”). Our contracting policies that are in effect at the time will apply to the contracts with finance professionals. Selection may be based on a best value approach for professional services or the lowest responsive ~~cost-effective~~ ~~cost-effective~~ bid based upon pre-determined criteria, in accordance with LACMTA’s procurement policy.

##### **A. Financial Advisor**

At least three financial advisors will be selected to assist in the debt issuance and debt administration processes. Additionally, the financial advisors will conduct competitive processes to recommend providers of financial services and products, including but not limited to: bond underwriters, remarketing agents, trustees, credit providers, investment advisors and managers, investment measurement services, and custody services.

Selection of the financial advisors should, at a minimum, be based on the following:

1. Experience in providing consulting services to complex issuers.
2. Knowledge and experience in structuring and analyzing complex issues.
3. Ability to conduct competitive selection processes to obtain investment products and financial services.
4. Experience and reputation of assigned personnel.
5. Independence of the advisor from the firms and industries that will be affected by the advice the advisor provides to LACMTA. The firm should be free from actual conflict of interest and free from any potential or perceived conflict of interest. For example, an advisor for a bond transaction should not be a bond underwriter or bond broker/dealer.

6. Fees and expenses.
7. Registered with the Municipal Securities Rulemaking Board and in good standing.
8. The financial advisor shall be an Independent Registered Municipal Advisor (IRMA) as defined by the Securities and Exchange Commission.

Financial advisory services provided to us shall include, but shall not be limited to the following:

1. Evaluation of risks and opportunities associated with debt issuance.
2. Monitoring of the debt portfolio and bond proceeds investments to alert us to opportunities to refund or restructure bond issues or modify investments.
3. Evaluation and recommendation regarding proposals submitted by investment banking firms.
4. Structuring and pricing bond issues, financial instruments and investments.
5. Preparation of requests for proposals and selection of providers for bond counsel, underwriters, remarketing agents, letter of credit banks, investment products, financial products and financial services (trustee and paying agent services, printing, credit facilities, remarketing agent services, investment management services, custody services etc.).
6. Provide advice, assistance and preparation for presentations with rating agencies and investors.

**B. Bond Counsel**

Transaction documentation for debt issues shall include a written opinion by legal counsel affirming we are authorized to issue the proposed debt, that we have met all constitutional and statutory requirements necessary for issuance, and a determination of the proposed debt's federal income tax status. A nationally recognized bond counsel firm with extensive experience in public finance and tax issues will prepare this approving opinion and other documents relating to the issuance of debt. The counsel will be selected from the pool of bond counsel firms.

**C. Disclosure Counsel**

When undertaking a bond sale, disclosure counsel may be retained to prepare the official statement if additional independence or expertise is needed. Disclosure counsel will be responsible for ensuring that the official statement complies with all applicable rules, regulations and guidelines. Disclosure counsel will be a nationally recognized firm with extensive experience in public finance. The disclosure counsel will typically be selected from the pool of bond counsel firms. Most frequently, the disclosure counsel function will be administered by either bond counsel or underwriter's counsel.

**D. Disclosure by Financing Team Members**

We expect that all of our financial advisory team will at all times provide us with objective advice and analysis, maintain the confidentiality of our financial plans, and be free from any conflicts of interest. All financing team members will be required to provide full and complete disclosure, under penalty of perjury, relative to any and all agreements with other financing team members and outside parties that could compromise any firm's ability to provide independent advice that is solely in our best interests or that could be perceived as a conflict of interest. The extent of disclosure may vary depending on the nature of the transaction.

**XVI. Post-Issuance Compliance Procedures**

We will establish and document procedures to ensure that LACMTA is in compliance with annual reporting requirements under California Government Code Section 8855(k) and with requirements of the Internal Revenue Code of 1986, as amended (the "Code"), that must be satisfied with respect to tax-exempt bonds and other obligations after the bonds are issued so that interest on the bonds is and will remain tax-exempt. Additionally, as part of the post issuance compliance procedures, LACMTA will ensure that proceeds of the debt issuance are directed to the intended use. The Post-Issuance Compliance Procedures will be reviewed at least every three years.

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## Board Report

File #: 2021-0204, File Type: Budget

Agenda Number: 7.

### FINANCE, BUDGET & AUDIT COMMITTEE APRIL 14, 2021

**SUBJECT: ALLOCATION OF FUNDING BALANCE FROM THE CORONAVIRUS RESPONSE AND RELIEF SUPPLEMENTAL APPROPRIATIONS (CRRSA) ACT**

**ACTION: APPROVE RECOMMENDATIONS**

#### **RECOMMENDATION**

CONSIDER:

A. APPROVING the allocation of the balance of \$126,807,083 from Los Angeles County's share of Federal Transit Administration (FTA) Section 5307/ Section 5337 funds from the CRRSA Act to transit operators, as described in Attachment A, for operating expenses;

B. APPROVING exchanges of CRRSA Act funding allocations, as appropriate, with other local or eligible State or Federal funds to accelerate grant approval and disbursement of funds by the FTA; and

C. AUTHORIZING the CEO or his designee to negotiate and execute all necessary agreements to implement Board approved support of transit programs in Los Angeles County.

#### **ISSUE**

On April 1, 2021, the Regional Council and Transportation Committee of the Southern California Association of Governments (SCAG) unanimously approved to allocate to Los Angeles County \$126,807,083 the balance from the \$954,900,781 in Section 5307/ Section 5337 funds that the FTA apportioned to the Los Angeles- Long Beach- Anaheim Urbanized Area (UZA) from the CRRSA Act. SCAG's "Round 2" allocation is in addition to its March 2021 partial ("Round 1") allocation. SCAG's action formalizes the inter-county allocation methodology its staff had recommended on February 1, 2021. It also formalizes the agreement that the CEO reached with the Orange County Transportation Authority (OCTA), San Bernardino County Transportation Authority (SBCTA) and Riverside County Transportation Commission (RCTC). These agencies had disputed SCAG's methodology and proposed using a different approach that would have resulted in Los Angeles County not receiving \$126,807,083 from the "Round 2" balance that remained to be allocated by SCAG.

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## **BACKGROUND**

The CRRSA Act, signed into law on December 27, 2020, appropriated \$14 billion for transit nationwide, to remain available until expended, for eligible expenses incurred starting on January 20, 2020. These funds are in addition to the \$25 billion that were appropriated by the “Coronavirus Aid, Relief, and Economic Security Act” (CARES Act) that was signed into law on March 27, 2020. The Metro Board of Directors approved the allocation of Los Angeles County’s share of CARES Act funds totaling about \$1.069 billion at its May 28, 2020 regular meeting. Also, the Metro Board of Directors approved the allocation of Los Angeles County’s share of \$784,942,958 at its March 25, 2021 meeting based on SCAG’s “Round 1” inter-county distribution that was included in the agenda of the Regional Council’s March 4, 2021 meeting.

The dispute by OCTA, SBCTA and RCTC of SCAG’s delayed the allocation of much needed funding for transit operators in Los Angeles County. It also created a precedent for SCAG staff to take their recommended inter-county allocation methodology for approval through its committees and the Regional Council instead of handling such approvals administratively as has been the case in prior years with the inter-county allocation of federal funds that Congress appropriates and the FTA apportions to UZAs each year.

## **DISCUSSION**

Staff discussed options for Metro and Los Angeles County to pursue should: i) OCTA, SBCTA and RCTC continued disputing SCAG’s staff recommended inter-county allocation methodology, and ii) SCAG’s standing committees and Regional Council voted against the staff recommendation and supported the distribution methodology that these three agencies proposed. This inter-departmental effort also included reaching out to elected officials, transit operators, cities, Councils of governments and other stakeholders throughout Los Angeles County to explain the issue and seek their support for SCAG’s staff recommended inter-county allocation methodology. Over 70 stakeholder representatives, including Board Offices, participated in a call that staff organized for this purpose. These efforts and the support of the Metro Board of Directors resulted in the positive action we had envisioned. The inter-county methodology that SCAG approved is fair, transparent, and implements the intent of the CRRSA Act.

### **Funding Allocations**

The balance of \$126,807,083 allocated to Los Angeles County (“Round 2”) follows the same methodology as the “Round 1” CRRSA Act fund allocations that the Metro Board of Directors approved at its March 2021. Los Angeles County’s CRRSA Act funding allocations are shown for each transit operator/agency in Attachment A. Metro, the Municipal Operators, Metrolink, Access Services, as well as local and regional small operators and countywide transit programs, receive “Round 2” funding allocations.

### **Equity Platform**

The recommendation supports access to opportunities, particularly the third pillar (“Focus and Deliver”) of Metro’s Equity Platform. The additional funding that was secured from the CRRSA Act is

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proposed to be allocated to transit operators throughout Los Angeles County. The third pillar calls for investments to operate the existing transportation system. Overall, the recommendation supports the ability of communities throughout Los Angeles County to access that transportation system.

### **DETERMINATION OF SAFETY IMPACT**

Adoption of this item will provide funding for increased safety efforts by providing continued supplemental relief funding to Los Angeles County transit operators impacted by the coronavirus pandemic, ensuring resources are available to continue enhanced cleaning routines and access to personal protective equipment, and maintaining service levels.

### **FINANCIAL IMPACT**

A total of \$126,807,083 in CRRSA Act “Round 2” funding will be distributed to transit agencies throughout Los Angeles County as shown in Attachment A. Los Angeles County’s overall share of CRRSA Act Section 5307/ Section 5337 funds, including SCAG’s partial “Round 1” allocation, is \$911,750,041. Taking into consideration allocations to support the mobility of seniors and persons with disabilities (Section 5310) and for rural areas (Section 5311), Los Angeles County’s share of CRRSA Act funds apportioned by the FTA is \$914,322,718.

#### Impact to Budget

Use of the CRRSA Act funds will continue to help mitigate, but not eliminate the funding gaps experienced by transit operators throughout Los Angeles County.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The recommendation supports achieving all of the goals outlined in the Vision 2028 Plan.

### **ALTERNATIVES CONSIDERED**

The Board of Directors may choose not to approve the allocation of “Round 2” CRRSA Act funding as shown in Attachment A and instruct staff to allocate funds through some other Board directed process. This is not recommended, as this will cause significant delays in the receipt of funds for all transit operators and agencies in Los Angeles County.

### **NEXT STEPS**

Should the Board of Directors approve the staff recommendation:

- Staff will work with transit operators and agencies on final administrative requirements and fund distribution details;
- Staff will combine “Round 1” and “Round 2” allocations by transit operator/agency, after any funding exchanges with Metro, and notify SCAG of the allocation of Los Angeles County’s share of the CRRSA Act funds for inclusion in its “split letter” to the FTA; and
- SCAG will send the “split letter” to the FTA to allow the designated recipients of the funds to submit grant applications to the FTA for approval and begin drawing down the funds.

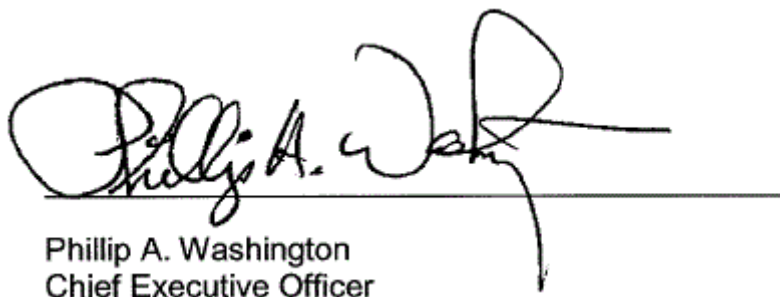
Staff will also continue to update the Board on the impacts of the COVID-19 pandemic on Metro and the region, as well as bring for approval the allocation of Los Angeles County's share of the funds from the American Rescue Plan Act that President Biden signed into law on March 11, 2021.

**ATTACHMENTS**

Attachment A - CRRSA Act Funding Allocation by Transit Operator/Agency

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Phillip A. Washington  
Chief Executive Officer



## Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA)

	Metro Board Adopted CARES Act Allocation	Distribution %	Adopted	Proposed	CRRSA Act Allocation Proposed Total
			CRRSA Act Allocation Round 1	CRRSA Act Allocation Round 2	
Metro Bus Ops	\$ 334,196,361	33.4838%	\$ 262,753,645	\$ 42,459,836	\$ 305,213,481
Metro Rail Ops	\$ 252,941,922	25.3428%	\$ 198,869,346	\$ 32,136,414	\$ 231,005,760
<b>Municipal Operators</b>					
Arcadia	\$ 413,118	0.0414%	\$ 324,804	\$ 52,487	\$ 377,291
Claremont	153,038	0.0153%	120,322	19,444	139,766
Commerce	834,418	0.0836%	656,041	106,013	762,054
Culver City	6,573,119	0.6586%	5,167,953	835,118	6,003,071
Foothill Transit	29,856,920	2.9914%	23,474,267	3,793,339	27,267,606
Gardena	6,650,248	0.6663%	5,228,594	844,918	6,073,511
La Mirada	123,098	0.0123%	96,783	15,640	112,423
Long Beach	29,203,837	2.9260%	22,960,796	3,710,364	26,671,160
Montebello	10,175,268	1.0195%	8,000,054	1,292,774	9,292,827
Norwalk	3,807,217	0.3815%	2,993,331	483,709	3,477,040
Redondo Beach	906,679	0.0908%	712,854	115,194	828,048
Santa Monica	24,360,412	2.4407%	19,152,773	3,095,004	22,247,777
Torrance	7,910,110	0.7925%	6,219,129	1,004,984	7,224,113
<b>Subtotal- Municipal Operators</b>	<b>\$ 120,967,484</b>	<b>12.1200%</b>	<b>\$ 95,107,700</b>	<b>\$ 15,368,987</b>	<b>\$ 110,476,687</b>
<b>Eligible Operators</b>					
Antelope Valley	\$ 4,239,043	0.4247%	\$ 3,332,843	\$ 538,573	\$ 3,871,415
LADOT	15,831,270	1.5862%	12,446,945	2,011,372	14,458,317
Santa Clarita	3,776,194	0.3783%	2,968,940	479,768	3,448,707
Foothill BSCP	3,160,600	0.3167%	2,484,944	401,556	2,886,500
<b>Subtotal - Eligible Operators</b>	<b>\$ 27,007,107</b>	<b>2.7059%</b>	<b>\$ 21,233,671</b>	<b>\$ 3,431,268</b>	<b>\$ 24,664,939</b>
<b>Tier 2 Operators</b>					
LADOT Community Dash	\$ 3,612,073	0.3619%	\$ 2,839,903	\$ 458,916	\$ 3,298,819
Glendale	524,420	0.0525%	412,312	66,628	478,940
Pasadena	305,610	0.0306%	240,278	38,828	279,106
Burbank	91,935	0.0092%	72,282	11,680	83,962
<b>Subtotal - Tier 2 Operators</b>	<b>\$ 4,534,038</b>	<b>0.4543%</b>	<b>\$ 3,564,775</b>	<b>\$ 576,052</b>	<b>\$ 4,140,828</b>
<b>Other Operators</b>					
Metrolink	\$ 56,432,000	5.6540%	\$ 44,368,268	\$ 7,169,717	\$ 51,537,985
Access Services	\$ 33,500,000	3.3564%	\$ 26,338,549	\$ 4,256,194	\$ 30,594,742
<b>Regional Transit Support</b>	<b>\$ 160,220,592</b>	<b>16.0528%</b>	<b>\$ 125,969,488</b>	<b>\$ 20,356,116</b>	<b>\$ 146,325,604</b>
<b>Regional Paratransit Operators</b>					
Agoura Hills	\$ 48,095	0.0048%	\$ 37,814	\$ 6,110	\$ 43,924
Antelope Valley, Elderly & Disabled	243,028	0.0243%	191,075	30,877	221,952
Beverly Hills Taxi & Lift Van	2,721	0.0003%	2,139	346	2,485
Culver City Community Transit and LA County	43,774	0.0044%	34,416	5,561	39,978
Gardena, Hawthorne and LA County	139,616	0.0140%	109,770	17,738	127,508
Glendale Paratransit and La Canada Flintridge	192,538	0.0193%	151,378	24,462	175,840
Inglewood Transit and LA County	151,856	0.0152%	119,393	19,293	138,686
LA County (Whittier et al)	151,691	0.0152%	119,263	19,272	138,535
LA County (Willowbrook)	31,049	0.0031%	24,411	3,945	28,356
Los Angeles Taxi & Lift Van, City Ride	290,748	0.0291%	228,594	36,940	265,533
Los Angeles Dial-a-Ride, City Ride	792,892	0.0794%	623,392	100,737	724,129
Monrovia D.A.R. and LA County	77,486	0.0078%	60,921	9,845	70,766
Palos Verdes PTA D.A.R.	30,357	0.0030%	23,867	3,857	27,724
Palos Verdes PTA - PV Transit	286,240	0.0287%	225,049	36,367	261,416
Pasadena Community Transit, San Marino and LA County	342,211	0.0343%	269,055	43,478	312,533
Pomona Valley TA - E&D (Get About)	574,519	0.0576%	451,702	72,993	524,695
Pomona Valley TA General Public (VC)	54,589	0.0055%	42,919	6,936	49,855
Redondo Beach Community Transit and Hermosa Beach	2,961	0.0003%	2,328	376	2,704
Santa Clarita D.A.R.	663,633	0.0665%	521,765	84,315	606,080
West Hollywood (DAR)	186,218	0.0187%	146,409	23,659	170,069
West Hollywood (Taxi)	10,038	0.0010%	7,892	1,275	9,167
Whittier (DAR)	208,253	0.0209%	163,733	26,459	190,192
<b>Subtotal - Regional Paratransit Operators</b>	<b>\$ 4,524,511</b>	<b>0.4533%</b>	<b>\$ 3,557,285</b>	<b>\$ 574,842</b>	<b>\$ 4,132,127</b>
<b>Voluntary Reporters</b>					
City of Alhambra (MB and DR)	\$ 84,471	0.0085%	\$ 66,413	\$ 10,732	\$ 77,146
City of Artesia (DR)	3,914	0.0004%	3,077	497	3,574
City of Azusa (DR)	29,336	0.0029%	23,065	3,727	26,792
City of Baldwin Park (MB and DR)	72,257	0.0072%	56,811	9,180	65,991
City of Bell (MB/DR)	17,398	0.0017%	13,679	2,210	15,889
City of Bell Gardens (MB and DR)	46,183	0.0046%	36,310	5,868	42,177
City of Bellflower (MB and DR)	30,034	0.0030%	23,613	3,816	27,429
City of Burbank (MB)*	82,583	0.0083%	64,929	10,492	75,421
City of Calabasas (MB and DR)	40,163	0.0040%	31,577	5,103	36,680
City of Carson (MB and DT)	137,089	0.0137%	107,783	17,417	125,200
City of Cerritos (MB)	74,555	0.0075%	58,617	9,472	68,089
City of Compton (MB)	40,566	0.0041%	31,894	5,154	37,048
City of Covina (DR)	19,094	0.0019%	15,012	2,426	17,438
City of Cudahy (MB and DR)	17,293	0.0017%	13,597	2,197	15,794
City of Downey (MB and DR)	62,640	0.0063%	49,249	7,958	57,208
City of Duarte (MB)	19,643	0.0020%	15,444	2,496	17,940
City of El Monte (MB and DR)	94,913	0.0095%	74,623	12,059	86,682

## Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA)

	Metro Board Adopted CARES Act Allocation	Distribution %	Adopted	Proposed	CRRSA Act Allocation Proposed Total
			CRRSA Act Allocation Round 1	CRRSA Act Allocation Round 2	
City of Glendora (MB and DR)	57,825	0.0058%	45,464	7,347	52,810
City of Glendale (MB)*	207,050	0.0207%	162,788	26,306	189,094
City of Huntington Park (MB)	67,347	0.0067%	52,950	8,557	61,507
City of Los Angeles -- Community DASH* (MB)	803,714	0.0805%	631,900	102,112	734,012
City of Los Angeles -- Department of Aging (DR)	124,047	0.0124%	97,529	15,760	113,289
LA County Dept. of Public Works -- Avocado Heights (MB)	12,214	0.0012%	9,603	1,552	11,155
LA County Dept. of Public Works -- East Valinda (MB)	13,745	0.0014%	10,806	1,746	12,553
LA County Dept. of Public Works -- East LA (MB and DR)	99,948	0.0100%	78,582	12,698	91,280
LA County Dept. of Public Works -- Willowbrook (MB)	25,658	0.0026%	20,173	3,260	23,433
LA County Dept. of Public Works -- King Medical (MB)	11,017	0.0011%	8,662	1,400	10,062
LA County Dept. of Public Works -- Athens (MB)	11,502	0.0012%	9,043	1,461	10,505
LA County Dept. of Public Works -- Lennox (MB)	9,012	0.0009%	7,085	1,145	8,230
LA County Dept. of Public Works -- South Whittier (MB)	63,799	0.0064%	50,161	8,106	58,266
LA County Dept. of Public Works -- Florance/Firestone (MB)	15,080	0.0015%	11,856	1,916	13,772
City of Lakewood (DR)	19,546	0.0020%	15,368	2,483	17,851
City of Lawndale (MB)	24,480	0.0025%	19,247	3,110	22,357
City of Lynwood (MB)	42,490	0.0043%	33,407	5,398	38,805
City of Malibu (DT)	4,623	0.0005%	3,635	587	4,222
City of Manhattan Beach (DR)	15,286	0.0015%	12,018	1,942	13,961
City of Maywood (DR)	17,879	0.0018%	14,057	2,271	16,328
City of Monterey Park (MB and DR)	76,017	0.0076%	59,767	9,658	69,425
City of Pasadena (MB)*	205,942	0.0206%	161,917	26,165	188,082
City of Pico Rivera (DR)	6,470	0.0006%	5,087	822	5,909
City of Rosemead (MB and DR)	54,916	0.0055%	43,177	6,977	50,154
City of Santa fe Springs (DR)	6,262	0.0006%	4,923	796	5,719
City of South Gate (DT and MB)	110,407	0.0111%	86,804	14,027	100,832
City of South Pasadena (DR)	11,118	0.0011%	8,742	1,413	10,154
City of West Covina (MB and DR)	71,080	0.0071%	55,885	9,031	64,915
City of West Hollywood (MB)	35,696	0.0036%	28,065	4,535	32,600
<b>Subtotal - Voluntary Reporters</b>	<b>\$ 3,096,305</b>	<b>0.3102%</b>	<b>\$ 2,434,394</b>	<b>\$ 393,387</b>	<b>\$ 2,827,781</b>
<b>Other Special Projects</b>					
Avalon Ferry Subsidy	\$ 324,669	0.0325%	\$ 255,263	\$ 41,249	\$ 296,512
Avalon Transit Services (Jitney and Dial-a-Ride)	74,858	0.0075%	58,855	9,511	68,366
Hollywood Bowl Shuttle Service	263,750	0.0264%	207,367	33,510	240,877
<b>Subtotal - Other Special Projects</b>	<b>\$ 663,277</b>	<b>0.0665%</b>	<b>\$ 521,485</b>	<b>\$ 84,270</b>	<b>\$ 605,755</b>
<b>Grand Total</b>	<b>\$ 998,083,598</b>	<b>100.0000%</b>	<b>\$ 784,718,607</b>	<b>\$ 126,807,083</b>	<b>\$ 911,525,690</b>

Note: For comparison, the CARES Act Allocation excludes funds appropriated directly to agencies - \$69,924,688.



## Board Report

File #: 2020-0895, File Type: Program

Agenda Number: 8.

### FINANCE, BUDGET AND AUDIT COMMITTEE APRIL 14, 2021

**SUBJECT: PROPERTY INSURANCE PROGRAM**

**ACTION: PURCHASE ALL RISK PROPERTY AND BOILER AND MACHINERY INSURANCE**

#### **RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to negotiate and purchase All Risk Property and Boiler and Machinery insurance policies for all property at increased policy limits at a not to exceed price of \$4.75 million for the 12-month period May 10, 2021 through May 10, 2022.

#### **ISSUE**

The All Risk Property and Boiler and Machinery insurance policies expire on May 10, 2021.

#### **DISCUSSION**

Property insurance protects against losses to our structures, fleets, and improvements, which are valued at approximately \$13.6 billion, up from last year's \$13.3 billion. The increase in total insured value is primarily due to general replacement cost growth along with revaluation of both heavy and light rail vehicles. Last year we included the value of the Crenshaw/LAX Line in our total insured values. However, through an agreement with our insurance carriers, we did not pay for the premium incurred by adding the Line since the Line was not accepted by Metro during the insurance term. We will pay premium attributed to the addition of the Crenshaw/LAX Line this policy period. Property insurance is required by many contracts and agreements, such as our lease/leaseback deals involving a number of our operating assets.

Our insurance broker, USI Insurance Services ("USI") marketed the property program to qualified insurance carriers to obtain property insurance pricing with coverage limits of \$425 million. This limit is \$25 million more than the last program to reflect an increase in insured values for Metro's assets over the years. Quotations for our property insurance program were received from carriers with A.M. Best ratings indicative of acceptable financial soundness and ability to pay claims. Final pricing is pending, so the quotes including contingency for unanticipated adjustments serve as a not to exceed cost before policy binding.

The Recommended Program secures the All Risk deductible at \$250,000 with no earthquake coverage and a flood deductible at 5% per location subject to a \$250,000 minimum. USI continues

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negotiations with carriers regarding deductible limits on selected Metro assets including rolling stock, non-revenue vehicles and potential flooding in subway tunnels. If a loss exceeds the deductible, All Risk coverage is provided up to \$425 million per occurrence for losses except for flood related damages that are covered up to \$150 million (tunnels are covered up to \$50 million with a \$500,000 deductible for flood damages). The recommended program is the same as the prior year program with the exception of the increased limits as noted. Attachment A shows the outline of the recommended program structure. The not to exceed premium price includes a contingency for premium adjustments, taxes and fees due to on-going negotiations with insurance carriers.

The recommended program does not include earthquake coverage. We received quotes estimated at \$7 million for \$50 million in limits with a 5% of total insured value deductible. Metro has not purchased earthquake coverage in previous years. In the event of a major disaster, we believe funding would be available through federal and state sources to restore public transportation in Southern California. The lack of earthquake coverage is consistent with decisions made by other large local government agencies.

We evaluated terrorism coverage options this renewal cycle and have not opted to purchase the coverage. Terrorism coverage is available but does not appear to be cost effective at a quoted cost of \$320,000 for \$425 million limits with a \$50,000 deductible. The Terrorism Risk Insurance Act (TRIA) provides government support by providing mechanisms for spreading losses across policyholders. In the past, we rejected this coverage because of the high likelihood of federal and state funding to restore transportation services as a result of a serious terrorism incident. We will continue to reject terrorism coverage at the present time.

The current and recommended programs of insurance are layered structures. Several insurance carriers participate in the program with each contributing a portion of coverage which maintains a diversified portfolio of insurance carriers. Continual monitoring through internal methods, as well as updates provided by USI, ensure that all carriers maintain the required financial ratings indicated by financial reporting agencies and as determined by A.M. Best.

In January, February, and March 2021, USI contacted multiple domestic and international insurance providers to present our property risks and supplemental data. USI provided an overview of the Metro transit system during discussions with the underwriters, including our extensive security infrastructure, fire protection, loss control and minimal risk of flood exposures. USI provided information and statistics on system operations, assets, and our excellent loss history over the past twenty years with one fixed property insurable event and under \$1.8 million insurable losses of rolling stock and non-revenue vehicles.

The Metro property program continues to be well received by insurers due to our favorable loss history and the growth of the account from \$7.8 billion in values in 2010 to \$13.6 billion for this renewal. As such, USI presented the submission to incumbent and competing insurers to create competition in the insurance marketplace. The marketing effort resulted in maintaining many of our incumbent carriers for the recommended program. Our rate per million dollars of insurable value is \$349 for the recommended program which represents a 27.7% rate increase per million dollars of insured value over the prior year. Some of the major factors driving the rate increase are summarized in the following paragraphs.

The property insurance market is continuing to experience major disruption. Capital (and therefore capacity) has either been exhausted or withdrawn from the market in a way that has not been seen since 2001. Losses over the past five years continue to show higher than expected loss development. The 2020 most active hurricane season on record losses were historic in nature followed by the 2021 Texas deep freeze losses. The spring brought hailstorms and tornados to the US. Hurricane Laura caused estimated insurable losses of \$8 billion to \$12 billion. Insurable losses from the summer riots in the US were around \$775 million, and the insurable losses from the Beirut port explosion are estimated to be about \$3 billion. Losses from the numerous wildfires that hit the nation's West Coast in late summer are sure to be high as well. Carriers are looking to return their portfolios to profit and this has led to continuing universal rate increases (even for insureds that are claims-free).

"There are times when carriers view past renewal increases as adequate and are now offering a more moderate rate increase," says Harry Tucker, Amwins National Property Practice Leader. "However, accounts with difficult exposure characteristics and/or poor loss experience are still seeing stout price increases and more restrictive coverage." "This is not a traditional hard market. In this market, supply and demand are not the principal drivers of pricing," Tucker says. "There is ample capacity in the market, its availability is dependent on risk perception and rate." In 2020, many carriers pulled out of unprofitable classes of business. This year, carriers are looking at those classes again if the rate and terms are deemed adequate. Overall, carriers are looking to get back to profitability and continue to re-engineer their books, given the pre-2018 prolonged soft market pricing, loss experience and low interest rate investment environment according to the Amwins 2021 1Q State-of-the-Market report.

Along with premium increases, carriers are looking for higher deductibles and more restrictive terms. Carriers are rating on the potential for loss (regardless of good loss history) and with increased valuations on buses and rail cars, are rating on total loss estimates. Many carriers are reducing their capacity by 20%-50%, in some cases requiring more carriers to participate on programs in order to maintain limits. For this renewal, our broker was able to retain last year's incumbent carriers.

Metro has enjoyed some of the lowest rates among transit systems and remains an attractive client within this space. Unfortunately, the space is not held in the same regard it was just a few years ago. This year's renewal reflects our continuing favorable insurability and ability to take full advantage of USI marketing efforts in a very different and demanding market environment from previous years while adding our Crenshaw/LAX Line to Metro's portfolio of property.

### **DETERMINATION OF SAFETY IMPACT**

Approval of this procurement will not impact the safety of Metro's patrons or employees.

### **FINANCIAL IMPACT**

The funding for two months of \$792,000 for this action is included in the FY21 budget in cost center 0531, Risk Management - Non Departmental Costs, under projects 100001 - General Overhead, 300022 - Rail Operations - Blue Line, 300033 - Rail Operations - Green Line, 300044 - Rail Operations - Red Line, 300055 - Gold Line, 300066 - Expo Line, 301012 - Metro Orange Line,

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306001 - Operations Transportation, 306002 - Operations Maintenance, 320011 - Union Station, and 610061 - Owned Property in account 50601 (Ins Prem For Phys Damage). In FY21, an estimated \$3.8 million will be expensed for property insurance.

The remaining ten months of premiums will be partially included in the FY22 budget, cost center 0531, Risk Management - Non Departmental Costs, under projects 100001 - General Overhead, 300022 - Rail Operations - Blue Line, 300033 - Rail Operations - Green Line, 300044 - Rail Operations - Red Line, 300055 - Gold Line, 300066 - Expo Line, 301012 - Metro Orange Line, 306001 - Operations Transportation, 306002 - Operations Maintenance, 320011 - Union Station, and 610061 - Owned Property in account 50601 (Ins Prem For Phys Damage). Additional funds required to cover premium costs beyond FY22 budgeted amounts will be addressed by fund reallocations during the year.

#### Impact to Budget

Additional funds required to cover premium costs beyond FY21 budgeted amounts will be addressed by fund reallocations during the year. The current fiscal year funding for this action will come from the Enterprise, General and Internal Service funds. No other sources of funds were considered for this activity because these are the funds that benefit from the insurance. This activity will result in a minor change to operating costs from the prior fiscal year.

#### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

Recommendation supports strategic plan goal # 5 "Provide responsive, accountable and trustworthy governance within the LA Metro organization." The responsible administration of Metro's risk management programs includes the use of insurance to mitigate large financial risks resulting from damage to or loss of Metro property.

#### **ALTERNATIVES CONSIDERED**

The current program, the recommended program and an option with earthquake coverage are summarized in Attachment B. Based upon our past history of favorable renewal and losses, we recommend continuing the current program of insurance but adding an additional \$25 million in limits as the most cost effective and prudent program. The option of adding earthquake coverage is not recommended because the high cost of the earthquake premium does not justify the benefit of the coverage.

#### **NEXT STEPS**

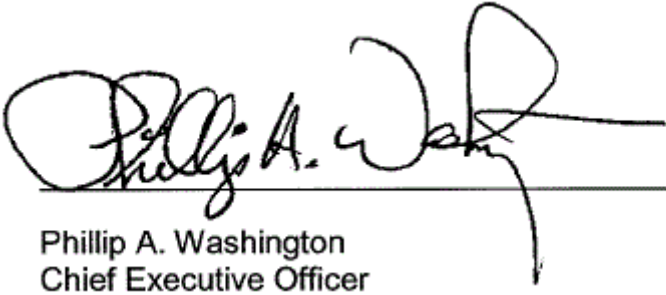
Upon Board approval of this action, we will advise USI to proceed with placement of the property insurance program outlined herein effective May 10, 2021.

#### **ATTACHMENTS**

Attachment A - Recommended Pricing and Carriers  
Attachment B - Alternatives Considered

Prepared by: Tim Rosevear, Manager, Risk Financing, (213) 922-6354

Reviewed by: Kenneth Hernandez, Chief Risk, Safety and Asset Management Officer, (213) 922-2990



Phillip A. Washington  
Chief Executive Officer



**ATTACHMENT A**

**RECOMMENDED PROGRAM PRICING AND CARRIERS**



**USI Insurance Services**  
**Proposed Property/B&M Insurance Summary 2020 - 2021 (as of March 29, 2021)**  
**Los Angeles County Metropolitan Transportation Authority**

Limit	Excess of	Coverage	Carrier - Best Rating	Participation (\$)	Participation (%)	Premium (incl taxes & fees)
<b>\$275M</b>	<b>\$150M</b>	<b>All Risk Excluding Flood &amp; Earthquake</b>	Chubb Bermuda - AA	\$275,000,000	100.00%	465,000
				<b>\$275,000,000</b>	<b>100.00%</b>	<b>465,000</b>
<b>\$150M</b>	<b>Underlying Deductibles</b>	<b>All Risk Excluding Earthquake</b>	Lexington Insurance Co - A XV	\$60,000,000	40.00%	1,367,400
			Liberty Mutual Fire Insurance Co- A XV	\$15,000,000	10.00%	534,500
			Ironshore Specialty Ins Co - A XIV	\$10,000,000	6.67%	367,920
			Starr Specialty Insurance Agency - A XV	\$30,000,000	20.00%	732,720
			Kemah/Markel	\$10,000,000	6.67%	253,391
			HD/Mitsui/Travelers	\$25,000,000	16.67%	932,928
				<b>\$150,000,000</b>	<b>100.01%</b>	<b>4,188,859</b>

**TOTAL LIMITS \$425,000,000**

Terrorism pricing is not included above.  
 Earthquake pricing is not included above.

<b>Estimated Program Premiums *</b>	<b>\$4,653,859</b>
Contingency for carrier premium, tax and fee adjustments	\$96,141
<b>Estimated Program Not-To-Exceed Total</b>	<b>\$4,750,000</b>

\* Subject to finalization of on-going negotiations with carriers. Amounts show are estimates only.

**2021/22 Total Insurable Values: \$13,613,293,012**

**ATTACHMENT B**

**ALTERNATIVES CONSIDERED**

	<b>Current Program</b>	<b>Recommended Program*</b>	<b>Recommended Program With Earthquake*</b>
<b>Deductibles</b>	<b>\$250,00 All Risk / 5% of location value for Flood **</b>	<b>\$250,00 All Risk / 5% of location value for Flood **</b>	<b>\$250,000 All Risk/5% of structure value for Earthquake and Flood **</b>
<b>All Risk Limits</b>	<b>\$400 Million</b>	<b>\$425 Million</b>	<b>\$425 Million</b>
<b>Flood Limits</b>	<b>\$150 Million</b>	<b>\$150 Million</b>	<b>\$150 Million</b>
<b>Earthquake Limits</b>	<b>None</b>	<b>None</b>	<b>\$50 Million after first 5% per location deductible</b>
<b>Terrorism</b>	<b>None</b>	<b>None</b>	<b>None</b>
<b>Total not to Exceed or Actual Premium</b>	<b>\$3,636,952</b>	<b>\$4,750,000</b>	<b>\$11,750,000</b>

\* recommended programs are not to exceed amounts.

\*\* \$50 million limit on flood in tunnels with a \$500,000 deductible.



**Board Report**

**File #:** 2021-0033, **File Type:** Program

**Agenda Number:** 11.

**PLANNING AND PROGRAMMING COMMITTEE  
APRIL 14, 2021**

**SUBJECT: MEASURE M MULTI-YEAR SUBREGIONAL PROGRAM ANNUAL UPDATE - NORTH COUNTY SUBREGION**

**ACTION: APPROVE RECOMMENDATIONS**

**RECOMMENDATION**

CONSIDER:

A. APPROVING:

1. Programming of additional \$2,204,941 within the capacity of Measure M Multi-Year Subregional Program (MSP) - Active Transportation Program, as shown in Attachment A;
2. Programming of additional \$3,425,000 within the capacity of Measure M MSP - Transit Program, as shown in Attachment B;

B. DELEGATING the Chief Executive Officer (CEO) or his designee the authority to:

1. Amend Measure M MSP funding agreements to modify the scope of work of projects and project development phases consistent with eligibility requirements;
2. Administratively extend funding agreement lapse dates for Measure M MSP funding agreements to meet environmental, design, right-of-way and construction time frames; and

C. AUTHORIZING the CEO or his designee to negotiate and execute all necessary agreements and/or amendments for approved projects.

**ISSUE**

Measure M MSPs are included in the Measure M Expenditure Plan. All MSP funds are limited to capital projects. The annual update approves additional eligible projects for funding and allows the North County Subregion and implementing agencies to revise scope of work and schedule, amend project budgets as well as remove projects.

This update includes changes to projects which have received Board approval and funding allocation

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for new projects. Funds are programmed through Fiscal Year (FY) 2023-24. The Board's approval is required to program additional funds and update the project lists (Attachments A, B and C) which serve as the basis for Metro to enter into agreements and/or amendments with the respective implementing agencies.

## **DISCUSSION**

In February 2019, the Metro Board of Directors approved North County Subregion's first MSP Five-Year Plan and programmed funds in: 1) Measure M MSP - Active Transportation Program (expenditure line 52); 2) Measure M MSP - Transit Program (expenditure line 64); and 3) Measure M MSP - Highway Efficiency Program (expenditure line 81).

Metro staff continued working closely with the North County Transportation Coalition Joint Powers Authority (NCTC JPA) and the implementing agencies on project eligibility reviews of the proposed projects for this annual update. Metro required, during staff review, a detailed project scope of work to confirm eligibility and establish the program nexus, i.e. project location and limits, length, elements, phase(s), total expenses and funding request, and schedule, etc. This level of detail will ensure timeliness of the execution of the project Funding Agreements once the Metro Board approves the projects. For those proposed projects that will have programming of funds in FY 2022-23 and beyond, Metro accepted high level (but focused and relevant) project scope of work during the review process. Metro staff will work on the details with the NCTC JPA and the implementing agencies through a future annual update process. Those projects will receive conditional approval as part of this approval process. However, final approval of funds for those projects shall be contingent upon the implementing agency demonstrating the eligibility of each project as required in the Measure M Master Guidelines.

The changes in this annual update include deobligation of three previously approved projects, and \$5,629,941 in additional programming for ten existing and three new projects.

### Active Transportation (expenditure line 52)

This update includes funding adjustments to nine existing projects and three new projects as follows:

#### *Santa Clarita*

- Deobligate \$648,000 from MM4501.08 - Citywide Bicycle Facilities Project. The City requested the funds to be reallocated to other priority project.
- Program an additional \$42,000 and reprogram all funds to FY 24 for MM4501.09 - Santa Clara River Trail Gap Closure Project. The City has delayed implementation of the project. The funds will be used to complete the Plans Specification and Estimates (PS&E) and right-of-way (ROW) phases of the project.
- Reprogram \$624,000 as follows: \$51,000 in FY 19 and \$573,000 in FY 21 for MM4501.10 - Sierra Highway Sidewalk Improvements Project. The funds will be used to complete the PS&E and construction phases of the project.

- Program an additional \$28,000 and reprogram all funds to FY 22 for MM4501.11 - Valencia Industrial Center Bicycle and Pedestrian Improvement Phase I Project. The City has delayed implementation of the project. The funds will be used to complete the PS&E, ROW and construction phases of the project.
- Program an additional \$47,700 and reprogram all funds to FY 23 for MM4501.14 - Valencia Industrial Center Bicycle and Pedestrian Improvement Phase II Project. The City has delayed implementation of the project. The funds will be used to complete the PS&E, ROW and construction phases of the project.
- Deobligate \$720,000 from MM4501.15 - Railroad Avenue Class I Trail. The City no longer needs the funding for this project.
- Program \$650,000 in FY 21 for MM4501.17 - Newhall Area Bicycle Facility Project. The funds will be used to complete PS&E and construction phases of the project.
- Program \$666,900 in FY22 for MM4501.18 - Saugus Phase I: Bouquet Canyon Trail to Central Park Project. The funds will be used to complete the PS&E, ROW and construction phases of the project.
- Program \$683,600 in FY 22 for MM4501.19 - Saugus Phase II: Bouquet Canyon Trail Central Park to Haskell Cyn Project. The funds will be used to complete the PS&E phase of the project.

### *Los Angeles County*

- Deobligate \$1,029,259 from MM4501.12 - Elizabeth Lake Road Bikeways. \$20,741 remains with the project. The County requested the deobligated funds to be reallocated to other priority projects.
- Program an additional \$1,600,000 in FY 24 and the funds are programmed as follows: \$50,000 in FY 20, \$300,000 in FY 21, \$400,000 in FY 22, \$1,250,000 in FY 23 and \$1,600,000 in FY 24 for MM4501.13 - Lake Los Angeles Pedestrian Plan Implementation Phase 1. The funds will be used to complete the PS&E, ROW and construction phases of the project.
- Program an additional \$884,000 in FY 24 and the funds are programmed as follows: \$442,000 in FY 22, \$884,000 in FY 23 and \$884,000 in FY 24 for MM4501.16 - 30<sup>th</sup> Street West Active Transportation Improvements. The project will traverse both the City of Lancaster and Los Angeles County, but the Los Angeles County will be the lead agency for the project. The funds will be used to complete the PS&E, ROW and construction phases of the project.

### Transit Program (expenditure line 64)

This update includes funding adjustments to three existing projects as follows:

*Santa Clarita*

- Reprogram \$892,000 as follows: \$80,000 in FY 22 and \$812,000 in FY 23 for MM4502.02 - Valencia Industrial Center Bus Stop Improvement Project. Update the project funding phases to include PS&E, ROW and construction phases.
- Reprogram \$2,180,000 as follows: \$1,090,000 in FY23 and \$1,090,000 in FY 24 for MM4502.03 - Vista Canyon Bus Service Expansion Project. The funds will be used to complete vehicle purchases phase of the project.

*Metro/MetroLink*

- Program an additional \$3,425,000 in FY 24 and the funds are programmed as follows: \$4,170,961 in FY 20, \$2,429,039 in FY 21, \$6,150,000 in FY 23 and \$3,425,000 in FY 24 for MM4502.06 - MetroLink Antelope Valley Line. The funds will be used for the environmental and PS&E phases of the project that Metro and MetroLink have been tasked to lead.

Highway Efficiency Program (expenditure line 81)

This update includes funding adjustments to one existing project as follows:

*North County Transportation Coalition*

- Reprogram \$4,700,000 as follows: \$2,000,000 in FY 22, \$1,350,000 in FY 23 and \$1,350,000 in FY 24 for MM5504.02 - SR-14 Capacity Enhancement/ Operational Improvement. The total programmed budget remains unchanged at \$4,700,000.

Equity Platform

Consistent with Metro's Equity Platform, the MSP outreach effort recognizes and acknowledges the need to establish comprehensive, multiple forums to meaningfully engage the community to comment on the proposed projects under all Programs. The NCTC JPA along with member agencies and adjacent unincorporated area of Los Angeles County undertook an extensive outreach effort and invited the general public to a series of public workshops and meetings. Metro will continue to work with the Subregion to seek opportunities to reach out to a broader constituency of stakeholders.

**DETERMINATION OF SAFETY IMPACT**

Programming of Measure M MSP funds to the North County Subregion projects will not have any adverse safety impacts on Metro's employees or patrons.

**FINANCIAL IMPACT**

In FY 2020-21, \$4.07 million is budgeted in Cost Center 0441 (Subsidies to Others) for the Active Transportation Program (Project #474401), \$3.09 million is budgeted in Cost Center 0441 (Subsidies

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to Others) for the Transit Program (Project #474102) and \$435,000 is budgeted in Cost Center 0442 (Highway Subsidies) for the Highway Efficiency Program (Project #475504). Upon approval of this action, staff will reallocate necessary funds to appropriate projects within Cost Centers 0441 and 0442. Since these are multi-year projects, Cost Centers 0441 and 0442 will be responsible for budgeting the cost in future years.

### Impact to Budget

The source of funds for these projects are Measure M Highway Construction 17% and Measure M Transit Construction 35%. These fund sources are not eligible for Metro bus and rail operating and capital expenditures.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

Recommendation supports the following goals of the Metro Vision 2028 Strategic Plan:

Goal 1: Provide high-quality mobility options that enable people to spend less time traveling by alleviating the current operational deficiencies and improving mobility along the projects.

Goal 4: Transform LA County through regional collaboration by partnering with the Council of Governments and the local jurisdictions to identify the needed improvements and take the lead in development and implementation of their projects.

### **ALTERNATIVES CONSIDERED**

The Board could elect not to approve the additional programming of funds for the Measure M MSP projects for the North County Subregion. This is not recommended as the proposed projects were developed by the Subregion in accordance with the Measure M Ordinance, Guidelines and the Administrative Procedures.

### **NEXT STEPS**

Metro staff will continue to work with the Subregion to identify and deliver projects. Program/Project updates will be provided to the Board on an annual basis.

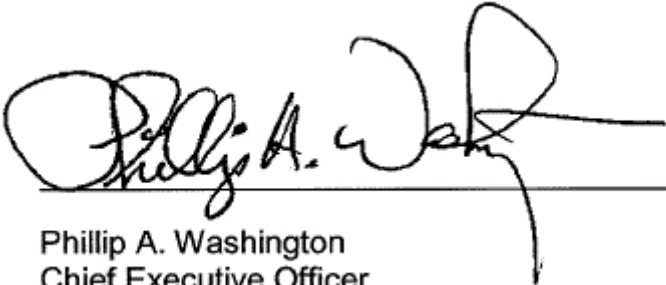
### **ATTACHMENTS**

- Attachment A - Active Transportation Project List
- Attachment B - Transit Program Project List
- Attachment C - Highway Efficiency Program Project List

Prepared by: Fanny Pan, DEO, Countywide Planning & Development, (213) 418-3433  
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Reviewed by: James de la Loza, Chief Planning Officer, (213) 922-2920



Phillip A. Washington  
Chief Executive Officer

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**North County Subregion  
Measure M Multi-Year Subregional Plan - Active Transportation Program (Expenditure Line 52)**

	Agency	Project ID No.	Project/Location	Funding Phases	Note	Pror Alloc	Alloc Change	Current Alloc	Prior Year Prog	FY2019-20	FY2020-21	FY 2021-22	FY 2022-23	FY 2023-24
1	Lancaster	MM4501.05	Sierra Hwy: Avenue J to Avenue L	Construction		\$ 1,240,486		\$ 1,240,486			\$ 1,240,486			
2	Palmdale	MM4501.06	Avenue R Complete Street & Safe Routes to School Proj	PS&E, ROW Construction		2,695,140		2,695,140		1,695,140	1,000,000			
3	Santa Clarita	MM4501.08	Citywide Bicycle Facilities: Copper Hill Dr., Plum Canyon Rd., Sierra Hwy, Lost Canyon Rd., Via Princessa	PS&E Construction	deob	648,000	(648,000)	-						
4	Santa Clarita	MM4501.09	Santa Clara River Trail Gap Closure Design: Five Knolls to Discovery Park *	PS&E ROW	chg	696,000	42,000	738,000						738,000
5	Santa Clarita	MM4501.10	Sierra Highway Sidewalk Improvements: Scherzinger Lane to Skyline Ranch Road	PS&E Construction	chg	624,000		624,000	51,000		573,000			
6	Santa Clarita	MM4501.11	Valencia Industrial Center Bicycle and Pedestrian Imp. Phase I: San Francisquito Trail to Avenue Scott E	PS&E, ROW Construction	chg	672,000	28,000	700,000				700,000		
7	Santa Clarita	MM4501.14	Valencia Industrial Center Bicycle and Pedestrian Imp. Phase II: San Francisquito Trail to eastbound Avenue Scott	PS&E, ROW Construction	chg	672,000	47,700	719,700					719,700	
8	Santa Clarita	MM4501.15	Railroad Avenue Class I Trail (supplement to CFP #F9513)	ROW Construction	deob	720,000	(720,000)	-						
9	Santa Clarita	MM4501.17	Newhall Area Bicycle Facility	PS&E Construction	new	-	650,000	650,000			650,000			
10	Santa Clarita	MM4501.18	Saugus Phase I: Bouquet Canyon Trail to Central Park	PS&E, ROW Construction	new	-	666,900	666,900				666,900		
11	Santa Clarita	MM4501.19	Saugus Phase II: Bouquet Canyon Trail Central Park to Haskell Cyn	PS&E	new	-	683,600	683,600				683,600		
12	LA County	MM4501.12	Elizabeth Lake Road Bikeways	PS&E ROW	deob	1,050,000	(1,029,259)	20,741	20,741					
13	LA County	MM4501.13	Lake Los Angeles Pedestrian Plan Implementation Phase 1: 170th St. E, Avenue N, 165th St. E, Avenue N-8, 180th St. E, Avenue P-8, 160th St. E, Avenue Q	PS&E ROW Construction	chg	2,000,000	1,600,000	3,600,000		50,000	300,000	400,000	1,250,000	1,600,000
14	LA County (Lancaster)	MM4501.16	30th Street West Active Transportation Improvements	PS&E, ROW Construction	chg	1,326,000	884,000	2,210,000				442,000	\$ 884,000	\$ 884,000
<b>Total Programming Amount</b>						<b>\$ 12,343,626</b>	<b>\$ 2,204,941</b>	<b>\$ 14,548,567</b>	<b>\$ 71,741</b>	<b>\$ 1,745,140</b>	<b>\$ 3,763,486</b>	<b>\$ 2,892,500</b>	<b>\$ 2,853,700</b>	<b>\$ 3,222,000</b>

\* Conditional programming approval as only high level scope of work was developed and reviewed. Future annual update process will reconfirm the programming.

**North County Subregion  
Measure M Multi-Year Subregional Plan - Transit Program (Expenditure Plan 64)**

	Agency	Project ID No.	Project/Location	Funding Phases	Note	Pror Alloc	Alloc Change	Current Alloc	Prior Year Prog	FY2019-20	FY2020-21	FY 2021-22	FY 2022-23	FY 2023-24		
1	Palmdale	MM4502.01	Palmdale Transportation Center Transit and Infrastructure Design Project	PS&E		\$ 2,000,000		\$ 2,000,000		\$ 100,000	\$1,025,000	\$ 875,000				
2	Santa Clarita	MM4502.02	Valencia Industrial Center Bus Stop Improvement	PS&E, ROW Construction	chg	892,000		892,000				80,000	812,000			
3	Santa Clarita	MM4502.03	Vista Canyon Bus Service Expansion	Vehicles/ Equipment	chg	2,180,000		2,180,000					1,090,000	1,090,000		
4	Santa Clarita	MM4502.04	Vista Canyon Transportation Center	ROW Construction		3,216,000		3,216,000	288,000	1,440,000	1,488,000					
5	LA County	MM4502.04	Vista Canyon Transportation Center - Transit Capital Jurisdictional Share	Construction		2,000,000		2,000,000		1,000,000	1,000,000					
6	LA County	MM4502.05	North County Bus Stop Improvements: Santa Clarita and Antelope Valley	PS&E Construction		2,855,260		2,855,260	308,000	400,000	1,178,990	968,270				
7	Metro/ Metrolink	MM4502.06	Metrolink Antelope Valley Line	Environmental PS&E	chg	12,750,000	3,425,000	16,175,000		4,170,961	2,429,039		6,150,000	3,425,000		
<b>Total Programming Amount</b>								<b>\$25,893,260</b>	<b>\$3,425,000</b>	<b>\$29,318,260</b>	<b>\$596,000</b>	<b>\$7,110,961</b>	<b>\$7,121,029</b>	<b>\$1,923,270</b>	<b>\$8,052,000</b>	<b>\$4,515,000</b>

**North County Subregion  
Measure M Multi-Year Subregional Plan - Highway Efficiency Program (Expenditure Line 81)**

	Agency	Project ID No.	Project/Location	Funding Phases	Note	Pror Alloc	Alloc Change	Current Alloc	Prior Year Prog	FY2020-21	FY 2021-22	FY 2022-23	FY 2023-24
1	Palmdale	MM5504.01	SR-138 Palmdale Blvd. SR-14 Ramps	Construction		\$ 3,351,220		\$ 3,351,220		\$2,234,147	\$1,117,073		
2	North County Transportation Coalition	MM5504.02	SR-14 Capacity Enhancement/Operational Improvement **	TBD	chg	4,700,000		4,700,000			2,000,000	1,350,000	1,350,000
3	Lancaster	MM5504.03	SR-138 Avenue G Interchange Project (Measure R #MR330.03 shortfall)	ROW Construction		4,350,143		4,350,143			4,350,143		
<b>Total Programming Amount</b>						<b>\$ 12,401,363</b>	<b>\$ -</b>	<b>\$ 12,401,363</b>	<b>\$ -</b>	<b>\$2,234,147</b>	<b>\$7,467,216</b>	<b>\$1,350,000</b>	<b>\$1,350,000</b>

\*\* Pending identification of a specific project after initial investigations and consultation with Caltrans and Metro.

**Board Report**

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**File #:** 2021-0102, **File Type:** Agreement**Agenda Number:** 12.

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**REVISED**  
**PLANNING AND PROGRAMMING COMMITTEE**  
**APRIL 14, 2021**

**SUBJECT: U.S. ARMY CORPS OF ENGINEERS MEMORANDUM OF AGREEMENT FOR SECTION 404 PERMITS FOR METRO PROJECTS**

**ACTION: APPROVE RECOMMENDATION**

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to execute the Memorandum of Agreement between Los Angeles County Transportation Authority (LACMTA) and the US Army Corps of Engineering, Los Angeles District, for Section 404 Permitting Process (Attachment C).

**ISSUE**

Metro planning and construction projects often need to coordinate with the United States Army Corps of Engineers (Corps), Los Angeles District (LAD), to secure permits and approvals. The Los Angeles River Path Project needs to secure a Section 404 (Clean Water Act of 1972) permit and it is anticipated that future additional Section 404 permits will be required for other Metro projects.

In order to streamline the permitting process with LAD, it would be more efficient to enter into a Memorandum of Agreement (MOA) between LACMTA and the LAD to facilitate memorializing roles and responsibilities and to expedite project delivery schedules. This MOA has been prepared in a manner that would accommodate this and any other future Metro project that may require Section 404 services from the LAD.

**DISCUSSION**

In September 2019, the Board approved LACMTA to enter into a first MOA with the Corps to facilitate coordination on Section 408 (permission from the Corps to alter the Corps constructed Civil Works) permitting process for a number of projects, including Pillar Projects, Measure M/R and Twenty-Eight by '28 Projects (Attachment A). Subsequently, LACMTA and the Corps entered into the MOA in December 2019 (Attachment B).

All the projects included within the Section 408 MOA with the Corps will also be required to obtain Section 404 permits due to their interaction with the Waters of United States. Hence, this would be a second executed MOA that would allow both parties to collectively work together to support pre-

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application tasks (environmental and design) for the permitting process. The general intent of the MOA would be to cover the current ongoing Projects as well as future Metro projects requiring Section 404 permits for project delivery.

The MOA describes roles, responsibilities and obligations of both parties and specifies the procedures which LACMTA and the LAD will follow for elements associated with the support services and permitting (general coordination, review of environmental/design, pre-application direction and review, streamline process, attendance in meetings, reimbursements, invoices, etc.). LACMTA and the LAD agree to cooperate with each other in all activities covered by the MOA. Work performed by the LAD under this MOA shall be per the agreed upon terms in this MOA.

### **Equity Platform Consistency**

This MOA will facilitate streamlined delivery of Metro projects which in turn will provide benefits of enhanced mobility and regional access to underserved populations within the respective project areas. Project-specific consistency with Metro's Equity Platform will be addressed as projects are brought before the Board for approval.

### **FINANCIAL IMPACT**

This MOA has a not-to-exceed value of \$750,000 for seven years (ending December 31, 2027) with reimbursements being issued to the LAD on an annual basis per the specified terms in the MOA. Funding will be on an annual basis through project budget, based on project-specific coordination with the LAD. Reimbursements for LAD's commitments created within the MOA parameters shall only be issued by funded projects and must be within each project's respective Fiscal Year or Life of Project (LOP) budgets. Generally, these projects will largely be Measure R/M projects but can be utilized across all Metro capital projects.

#### **Impact to Budget**

Sources of funds for the recommended actions are part of each project's budget. No other funds were considered.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

In general, the initial list of nine projects included in the MOA contribute to the implementation of multiple goals of Metro's Vision 2028 Strategic Plan, particularly:

- Goal 1: Provide high-quality mobility options that enable people to spend less time traveling;
- Goal 3: Transform LA County through regional collaboration and national leadership; and
- Goal 4: Provide responsive, accountable, and trustworthy governance within the Metro organization

### **ALTERNATIVES CONSIDERED**

The Board may choose not to execute this MOA, however this would not solidify each of the parties' roles and responsibilities and would require Metro to follow standard "over the counter" processes for

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permitting processing and therefore not benefit from streamlined processes and other administration benefits identified within the MOA, all of which are essential elements for timely project delivery.

**NEXT STEPS**

Upon Metro Board approval, the MOA will be executed, and staff will develop as-needed project-specific scope of projects that become ready for coordination with LAD.

**ATTACHMENTS**

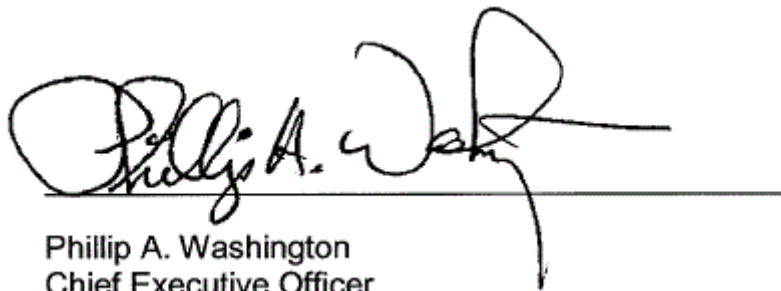
Attachment A - Legistar File #: 2019-0556

Attachment B - LACMTA/Corps MOA for Section 408 permits, executed in Dec 2019

Attachment C - LACMTA/LAD MOA for Section 404 permit

Prepared by: Mitali Gupta, Manager, Countywide Planning and Development; 213-922-5283  
Dolores Roybal-Saltarelli, Deputy Executive Officer, Countywide Planning and Development; 213-922-3024  
David Mieger, Senior Executive Officer, Countywide Planning and Development; 213-922-3040

Reviewed by: James de la Loza, Chief Planning Officer; 213-922-2920



Phillip A. Washington  
Chief Executive Officer

## Metro



## Board Report

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File #: 2019-0556, File Type: Agreement

Agenda Number: 31.

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**CONSTRUCTION COMMITTEE  
SEPTEMBER 19, 2019**

**SUBJECT: US ARMY CORPS OF ENGINEERING MEMORANDUM OF AGREEMENT**

**ACTION: APPROVE RECOMMENDATION**

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to execute the Memorandum of Agreement (MOA) between Metro (Authority) and US Army Corps of Engineering (“Corps”).

**ISSUE**

As the Metro Projects move forward, the team has identified the need to interact with the Corps to accommodate the project alignments in which coordination efforts would include permits and general coordination. This is the Authority’s first interaction with Corps. Therefore, in order to move forward with the general scope, an MOA must be set in place between the Authority and Corps in order to memorialize roles and responsibilities. This MOA shall also be prepared in a manner that would accommodate any future Metro Project that may require services from Corps in order to support those future projects.

**DISCUSSION**

No other MOA has been executed by both parties, this would be the first MOA executed that would allow both parties to collectively work together to support general utility relocation and coordination efforts. The general intent of the MOA would be to cover the current ongoing Projects as well as future Metro Projects for many years to come.

This MOA describes the roles, responsibilities, and obligations of both parties and specifies the procedures which the Authority and Corps will follow for elements associated with the supports services associated with all of Metro’s projects. Such elements include general coordination, providing as built, relocating utilities, review of designs, streamline processes, meeting accommodations, permitting, construction support services, reimbursements, invoicing, and other general tasks in support of Metro’s construction of projects. The Authority and Corps agree that each will cooperate with the other in all activities covered by the MOA. Work performed by Corps



under this MOA shall be per the agreed upon terms in this MOA.

### **FINANCIAL IMPACT**

Reimbursements will be issued to Corps on an annual basis per the specified terms in the MOA. Reimbursements for said Authority commitments created within the MOA parameters shall only be issued by funded projects and must be within each of the project's respective Fiscal Year or Life of Project (LOP) budgets. These projects will largely be comprised of the Measure R/M projects but can be utilized across all Metro capital projects.

### **ALTERNATIVES CONSIDERED**

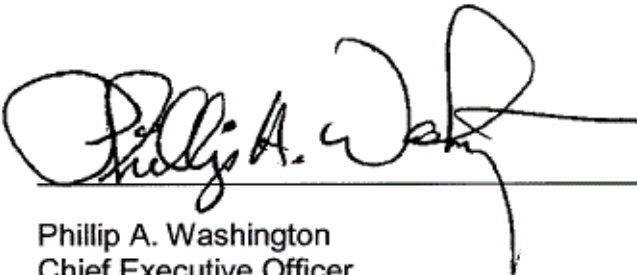
The Board may choose not to execute this MOA, however not executing this MOA would not solidify each of the parties' roles and responsibilities and would require Metro to follow standard over the counter processes and therefore not benefit from streamlined processes, and other administration benefits identified within the MOA. All of which are essential elements from a successful project standpoint.

### **ATTACHMENTS**

Attachment A - MOA; Corps

Prepared by: Eduardo Cervantes, Deputy Executive Officer; 213-922-7255  
Androush Danielians, Executive Officer; 213-922-7598

Reviewed by: Richard Clarke, Chief Program Management Officer; 213-922-7557



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Phillip A. Washington  
Chief Executive Officer

**MEMORANDUM OF AGREEMENT  
BETWEEN  
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  
(LACMTA)  
AND  
U.S. ARMY CORPS OF ENGINEERS, LOS ANGELES DISTRICT**

**SUBJECT:** Memorandum of Agreement between the Los Angeles County Metropolitan Transportation Authority (LACMTA) and the U.S. Army Corps of Engineers Los Angeles District

THIS MEMORANDUM OF AGREEMENT ("MOA") is entered into between the Los Angeles County Metropolitan Transportation Authority, LACMTA (hereinafter "LACMTA") and the Los Angeles District of the United States Army Corps of Engineers (hereinafter "Corps"), collectively referred to as the "Parties."

**RECITALS**

WHEREAS, pursuant to section 14 of the Rivers and Harbors Act of 1899, codified at 33 U.S.C. § 408 ("Section 408"), as amended, the Corps has jurisdiction over requests to alter or modify completed water resources development projects constructed by the Corps ("Section 408 Requests");

WHEREAS, section 214 of the Federal Water Resources Development Act of 2000, Public Law 106-541 ("WRDA 2000"), as amended and codified at 33 U.S.C. § 2352, authorizes the Secretary of the Army, after public notice, to accept and expend funds contributed by a non-Federal public entity to expedite the evaluation of a permit application of that entity related to a project or activity for a public purpose under the jurisdiction of the Department of the Army;

WHEREAS, the Secretary of the Army has delegated the responsibility of carrying out section 214 of the WRDA 2000, as amended, to the Chief of Engineers and his delegated representatives;

WHEREAS Engineering Circular (EC) 1165-2-220 authorizes District and Division Engineers of the Corps to accept and expend funds contributed by non-Federal public entities subject to certain limitations;

WHEREAS, the Corps has indicated it is not able, without additional resources, to expedite the evaluation of LACMTA-designated priority Section 408 Requests ("LACMTA-designated priority Section 408 Requests") that have a public purpose;

WHEREAS, LACMTA is a non-Federal entity and believes it is in its best interest to provide funds to the Corps pursuant to this MOA to streamline and expedite Corps' review of LACMTA-designated priority Section 408 Requests, as more fully described in this MOA;

WHEREAS, the Corps' District Engineer has determined that the acceptance and expenditure of funds received from the LACMTA is appropriate, and an informational public notice will be issued regarding the decision;

WHEREAS, it is understood and acknowledged by all Parties that the Corps' review of LACMTA-designated priority Section 408 Requests will be completely impartial and in accordance with all applicable Federal laws and regulations;

WHEREAS, this MOA establishes the responsibilities and operating procedures of the Parties with respect to the Corps' review of LACMTA-designated priority Section 408 Requests requiring Corps' permission pursuant to Section 408;

WHEREAS, this MOA is intended to: (1) enable the Parties to fully consider, address, and protect environmental resources, including but not limited to impacts to existing and completed Corps water resources development projects and any component feature thereof, early in the development of proposed actions; (2) avoid conflicts late in project development through close coordination during early planning and development stages; (3) provide sufficient information to the Corps for timely analysis of project effects and to assist LACMTA in developing appropriate mitigation measures; (4) maximize the effective use of limited Corps resources by focusing attention on projects that would have the most effect on completed federal flood risk management facilities; (5) provide a mechanism for expediting LACMTA-designated priority Section 408 Request reviews and coordination when necessary; and (6) provide procedures for resolving disputes in this resource partnering effort.

NOW, THEREFORE, the Parties agree as follows:

## AGREEMENT

### Article I. - PURPOSE AND AUTHORITIES

A. This MOA is entered into by the Parties for the purpose of establishing a mutual framework governing the respective responsibilities of the Parties for the Corps' acceptance and expenditure of funds contributed by LACMTA to provide expedited Section 408 Request evaluation-related services for LACMTA-designated priority Section 408 Requests. The LACMTA-designated priority Section 408 Requests are listed in Appendix A to this MOA. LACMTA shall have the authority to change priorities, in order to accommodate Project schedule needs. This MOA is not intended as the exclusive means of obtaining permit review of LACMTA Section 408 Requests. This MOA is a vehicle by which LACMTA will obtain expedited review and evaluation of LACMTA-designated priority Section 408 Requests outside of the ordinary Corps review process.

B. The LACMTA enters into this MOA pursuant to its authority under California Public Utilities Code Section 130050.2, et seq.

C. The Corps enters into this MOA pursuant to its authority under 33 U.S.C. § 2352.

D. This MOA is limited to LACMTA-designated priority Section 408 Request reviews only. A separate agreement may be required between LACMTA and the Corps to

expedite environmental technical assistance, coordination services, review, and concurrence of documentation prepared to comply with section 404 of the Clean Water Act of 1972, as amended, and/or section 10 of the Rivers and Harbors Act of 1899, as amended.

## Article II. - SCOPE OF WORK

A. LACMTA will provide funds to the Corps to expedite review and evaluation related services for LACMTA-designated priority Section 408 Requests as designated in Appendix A. The Corps' operations and maintenance expenses are funded as a congressionally appropriated line item in the annual Federal budget. LACMTA will provide the Corps with funds in accordance with the provisions of 33 U.S.C. § 2352.

B. The Corps will provide staffing resources dedicated to expediting LACMTA-designated priority Section 408 Request reviews, as described in Article II.D., below, and/or other programmatic efforts to support efficient decision-making.

C. The Corps will establish a separate internal financial account to track receipt and expenditure of funds associated with its review of LACMTA permit applications for LACMTA-designated priority Section 408 Requests. Corps' personnel will charge their time and expenses against the account when they perform work to either expedite Section 408 Request evaluation related requests for LACMTA-designated priority Section 408 Requests or undertake other programmatic efforts to support efficient decision-making related to LACMTA's permitting needs.

D. Funds contributed by LACMTA hereunder will be expended by the Corps to defray the costs of its staff (including salary, associated benefits, overhead and travel expenses) and other costs in order to expedite the evaluation of LACMTA-designated priority Section 408 Requests. The Corps may expend LACMTA funds to perform select duties, including but not limited to technical analyses and writing, Agency Technical Review, real estate evaluation, risk analysis, copying or other clerical/support tasks, acquisition of data, site visits, travel, coordination activities, additional personnel (including support/clerical staff), contracting support for technical services (e.g., structural risk evaluation, geotechnical analysis, hydraulic and hydrological engineering review), construction quality assurance and control, environmental documentation preparation and review; consultation with resource agencies; meeting coordination; and any other permit evaluation related responsibilities that may be mutually agreed upon.

E. The Corps will *not* expend funds provided by LACMTA for costs associated with the review of the Corps' work undertaken by supervisors or other persons or elements of the Corps in the decision-making chain of command. However, if a supervisor is performing staff work and not supervisory oversight, funds provided by LACMTA pursuant to this MOA may be used.

F. The Corps will *not* expend funds provided by LACMTA to defray the costs of activities related to the Corps' enforcement functions, but may use funds provided by LACMTA to defray costs of activities related to Section 408 permission compliance functions, such as



quality assurance activities or reviews of associated Section 408 permission closeout documentation.

G. If the funds provided by LACMTA are expended and not replenished, any remaining LACMTA-designated priority Section 408 Requests will be handled like those of any Section 408 requester.

H. Expediting of packages shall include review of a submittals within 30 calendar days. Should the package or plans be incomplete in nature, Corps shall reject plans and notify LACMTA within 7 calendar days of receipt of plans.

### Article III. - INTERAGENCY COMMUNICATIONS

To provide for consistent and effective communication between the Parties, each party will appoint a Principal Representative to serve as its central point of contact on matters relating to this MOA. Additional representatives may also be appointed to serve as points of contact on specific actions or issues. For the purposes of this MOA, LACMTA's Principal Representative will be Eduardo Cervantes, Deputy Executive Officer, and the Corps' Principal Representative will be Rafi Talukder, P.E., Engineering Division, Los Angeles District. The Principal Representative for each party may be changed upon written notification to the other party.

### Article IV. - RESPONSIBILITIES OF THE PARTIES

A. LACMTA will provide adequate resources to fund existing or additional Corps personnel for the purpose of expediting the review of LACMTA-designated priority Section 408 Requests and other identified activities. To facilitate the Corps' reviews and activities, the LACMTA will:

1. Provide adequate information regarding LACMTA-designated priority Section 408 Requests, scheduling requirements, and other specific activities to initiate permit evaluation. Information required for the Corps to deem a Section 408 package submittal complete thereby allowing initiation of the Section 408 request review process can be found in applicable Section 408 guidance, including but not limited to EC 1165-2-220, POLICY AND PROCEDURAL GUIDANCE FOR PROCESSING REQUESTS TO ALTER US ARMY CORPS OF ENGINEERS CIVIL WORKS PROJECTS PURSUANT TO 33 USC 408, dated September 10, 2018, a copy of which has been provided to LACMTA. Upon request, the LACMTA shall provide supplemental information necessary to complete the permit application. Additional information required to complete the Section 408 Request evaluation process may exceed what is needed to initiate the process. On a case-by-case basis, if requested by the Corps, LACMTA shall provide such additional information as may be necessary to ensure the Corps can effectively accomplish the required review.

2. In consultation with the Corps, establish the specific order of priority of the Section 408 Requests listed in Appendix A to this MOA. The Section 408 requests included in Appendix A and the order of priority of those Section 408 Requests may be changed by LACMTA's Principal Representative without requiring an amendment to this MOA. Such changes shall be submitted to the Corps' Principal Representative in writing in the manner provided by Article VI and will be effective upon receipt thereof.

3. To the best of its ability, ensure the participation of all essential LACMTA personnel during the Section 408 request evaluation process.

4. Work closely with the Corps to adjust priorities and schedules in order to optimize available Corps staff resources. If overlaps or conflicts occur among LACMTA-designated priority Section 408 requests, then LACMTA will work with the Corps to prioritize such overlaps.

B. The Corps shall assign qualified personnel to evaluate the LACMTA-designated priority Section 408 requests and prioritize associated tasks within projected funding levels provided under this MOA. The Corps shall use the funds provided to defray the costs of salaries and associated benefits and to reimburse travel expenses in order to:

1. Expedite review of LACMTA-designated priority Section 408 Requests as identified in Appendix A or any amendments thereto in accordance with the purpose, terms, and conditions of this MOA or any amendments thereto. The Corps shall not redirect resources from, or otherwise postpone, Section 408 Requests related to non-priority Section 408 requests submitted by LACMTA through the standard Corps review process.

2. Following any pre-application meetings and/or discussions to clarify the scope of anticipated Section 408 review processes, provide LACMTA with an estimated schedule to the best of its ability within fourteen (14) calendar days of receiving LACMTA's scheduling requirements as described in Article IV subparagraph A (1) to complete the Section 408 Request evaluation process for each priority Section 408 Request submitted. LACMTA shall be able to comment on these schedules and adjust the order of LACMTA-designated priority Section 408 Requests included in Appendix A, or provide additional resources per Article V. D, below.

3. Consult on a monthly basis with LACMTA regarding an adjustment of priorities or amendments to Appendix A if the current and/or projected workload of priority Section 408 Requests and activities exceeds the Corps' ability to provide the services specified herein or negotiate additional funding in accordance with Article V.D, below.

4. If a Section 408 permission is issued, provide construction quality assurance and quality control support for permit compliance purposes, which shall consist of reviewing technical submittals and requests for information, field inspections at critical construction milestones, review of proposed change orders that involve the design or design intent of any Section 408 permission, providing technical assistance during construction as requested by the LACMTA on a case by case basis and review of construction and Section 408 closeout documentation as applicable.

5. Provide LACMTA with a brief quarterly summary report of progress made under this MOA within twenty-one (21) calendar days of the end of each quarter (January 21, April 21, July 21, and October 21). Progress will be itemized for each LACMTA-designated priority Section 408 request package during the quarter for each LACMTA-designated priority Section 408 Request pending at the end of the quarter. This report will describe achievements, including any improvements the Corps has documented in coordinating and improving the

efficiency of LACMTA-designated priority Section 408 Request package reviews, and will summarize expenditures for each Section 408 package to date. The report also will identify any recommendations for improving consultation and coordination among the Parties to this MOA and will provide an estimate of costs expected for the ensuing quarter. The report shall not be in excess of five (5) pages of narrative per report.

6. Meet with LACMTA representatives as needed to discuss progress under this MOA.

7. Work closely with the Section 408 Requester to determine the applicable Corps standards to be applied and the specific level of detail necessary to be provided in order for the Corps to make a decision for a particular alteration request. The Corps' determination of the appropriate level of detail will be risk-informed and documented in the Corps' review plan. The Corps acknowledges the Requester is responsible for ensuring a proposed alteration meets current Corps design and construction standards. However, the Requester is not required to bring those portions or features of the existing Corps project that are not impacted by the alteration up to current Corps design standards.

8. Prior to expiration of the MOA, hold a final meeting with LACMTA representatives to review a summary of LACMTA-designated priority Section 408 Request review streamlining and other activities under this MOA, as well as provide recommendations for future coordination between the Parties.

#### Article V. - FUNDING

A. The total compensation paid to the Corps under this MOA is ONE MILLION FIVE HUNDRED THOUSAND (\$1,500,000).

B. Prior to the Corps incurring any expenditure to expedite Section 408 Requests designated as a priority as specified in this MOA, the LACMTA will make a lump sum payment to the Corps of the total amount specified in subparagraph A above. Payment by the LACMTA is to be made by check payable to the Finance and Accounting Officer and sent to the following address:

U.S. Army Corps of Engineers, Los Angeles District  
Finance and Accounting Officer  
915 Wilshire Blvd.  
Los Angeles, CA 90053-2325  
Attn: Carlos M. Tabares

or by electronic funds transfer in accordance with Standard Operating Procedure UFC 08 Appendix B).

C. The Corps will carry over any unexpended funds from year to year, or will refund such unobligated funds if this MOA is terminated or expires in accordance with Article X.



D. The Corps will provide LACMTA with written notice when 80% of the funding has been expended. If the Corps' actual costs for providing the agreed-upon level of service will exceed the amount of funds available, LACMTA will have the option of (i) increasing the total funding amount through an amendment to this MOA, or (ii) agree to a reduced level of service.

E. The Corps will charge a Program Management Administration fee annually to manage the 214 funding agreement (see attached budget estimate).

#### Article VI. - NOTICES

A. Any notice, request, demand, or other communication required or permitted to be given under this MOA shall be deemed to have been duly given if in writing and delivered personally or mailed by first-class, registered, or certified mail, as follows:

If to the LACMTA:

Los Angeles County Metropolitan Transportation Authority  
1 Gateway Plaza  
Los Angeles, California 90012  
Attn: Eduardo Cervantes

With a copy in all instances to:

Los Angeles County Counsel  
1 Gateway Plaza, 24<sup>th</sup> Floor  
Los Angeles, California 90012  
Attn: Ronald Stamm, General Counsel

If to the Corps:

U.S. Army Corps of Engineers  
Engineering Division  
915 Wilshire Blvd.  
Los Angeles, California 90017  
ATTN: Rafi Talukder

With a copy in all instances to:

District Counsel  
U.S. Army Corps of Engineers  
Los Angeles District  
915 Wilshire Blvd., Suite 1535  
Los Angeles, California 90017

B. A party may change the address to which such communications are to be directed by giving written notice to the other party in the manner provided in this Article.



C. Any notice, request, demand, or other communication made pursuant to this Article shall be deemed to have been received by the addressee at the earlier of such time as it is actually received or seven (7) calendar days after it is mailed.

#### Article VII. - APPLICABLE LAWS

The applicable statutes, regulations, policies, directives, and procedures of the United States will govern this MOA and all documents and actions pursuant to it. Unless otherwise required by law, expediting of LACMTA-designated priority Section 408 Requests undertaken by the Corps will be governed by Corps regulations, policies, and procedures.

#### Article VIII. - DISPUTE RESOLUTION

In the event of a dispute, the Parties agree to use their best efforts to resolve the dispute in an informal fashion through consultation and communication, or other forms of non-binding alternative dispute resolution mutually acceptable to the Parties. The Parties agree that, in the event such measures fail to resolve the dispute, they shall refer the dispute for resolution to an appropriate forum in accordance with Federal law.

#### Article IX. - PUBLIC INFORMATION

Justification and explanation of LACMTA's programs or projects related to or arising out of LACMTA-designated priority Section 408 Requests which may be pending before other agencies, departments, and offices will not be the responsibility of the Corps. The Corps may provide, upon request from the LACMTA, any assistance necessary to support justification or explanations of activities conducted under this MOA. In general, the Corps is responsible only for public information regarding Corps regulatory activities. LACMTA will give the Corps, as appropriate, advance notice before making formal, official statements regarding activities funded under this MOA.

#### Article X - AMENDMENT, MODIFICATION, AND TERMINATION

A. This MOA may be modified or amended only by written, mutual agreement of the Parties.

B. Any party reserves the right to terminate its participation in this MOA without cause upon thirty (30) days written notice to the other party. In the event of termination, LACMTA will continue to be responsible for all costs incurred by the Corps in performing expedited LACMTA-designated priority Section 408 Requests review services up to the time of notice and for the costs of closing out or transferring any ongoing contracts in support of the provision of services by the Corps under this MOA.

C. Within ninety (90) calendar days of termination of the MOA, or the expiration of the MOA, the Corps shall provide LACMTA with a final statement of expenditures. Within sixty (60) calendar days after submittal of the Corps' final statement of expenditures, the Corps, subject to compliance with the Anti-Deficiency Act, codified at 31 U.S.C. 1341 *et seq.*, shall directly remit to LACMTA the unexpended balance of the advance payment, if any. Funds may be provided to LACMTA either by check or electronic funds transfer.

**Article XI. - MISCELLANEOUS**

A. This MOA will not affect any pre-existing or independent relationships or obligations between the Parties.

B. The Corps' participation in this MOA does not imply endorsement of the LACMTA-designated priority Section 408 Requests, nor does it diminish, modify, or otherwise affect Corps' statutory or regulatory authorities.

C. If any provision of this MOA is determined to be invalid or unenforceable, the remaining provisions will remain in force and unaffected to the fullest extent permitted by law and regulation.

D. This MOA, including any documents incorporated by reference or attachments thereto, but excluding the pre-existing relationships or obligations between the Parties referenced in subparagraph A above, constitute the entire agreement between the Parties. All prior or contemporaneous agreements, understandings, representations and statements, oral or written, are merged herein and shall be of no further force or effect.

**Article XII. - EFFECTIVE DATE AND DURATION**

This MOA will be effective on the date of signature by the last party. Unless amended or modified, this MOA shall remain in force until whichever of these events occurs first:

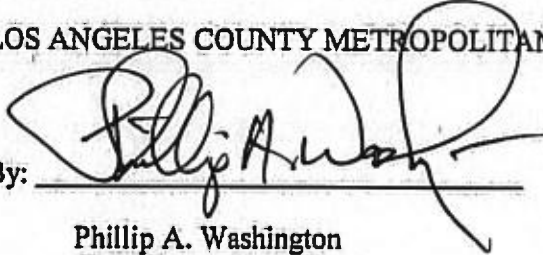
1) December 31, 2025 or 2) the MOA is terminated pursuant to Article X.B.

[REMAINDER LEFT INTENTIONALLY BLANK]

IN WITNESS WHEREOF, this MOA is executed as of the dates indicated below by LACMTA, acting by and through its governing board, and by the Corps, acting by and through its authorized officer.

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

By: \_\_\_\_\_



Phillip A. Washington  
Chief Executive Officer

Date: \_\_\_\_\_

10/16/19

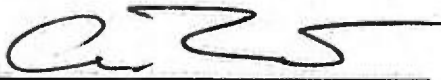
APPROVED AS TO FORM:



General Counsel

U.S. ARMY CORPS OF ENGINEERS, LOS ANGELES DISTRICT

By: \_\_\_\_\_



Aaron C. Barta, PMP  
Colonel, U.S. Army  
Commander and District Engineer

Date: \_\_\_\_\_

2 Dec 19

**Appendix A: LACMTA-Designated Priority Section 408 Requests  
(Dated: 24 May 2019)**

The list of LACMTA-designated Priority Section 408 Requests under this MOA includes the following Section 408 Requests:

<b>Prioritization</b>	<b>Section 408 Request Description</b>	<b>Estimate</b>
	USACE Program Management Administration (\$25,000 annually x 7 yrs)	\$175,000
<b>1</b>	I-710 Corridor Project EIR/EIS	\$40,000
	I-710 Corridor Project (Preliminary Design Review)	\$45,000
	Agency Coordination Meetings	\$15,000
<b>2</b>	I-710 Corridor Project - Shoemaker Bridge, Long Beach, CA (EIR/EIS)	\$40,000
	I-710 Corridor Project - Shoemaker Bridge, Long Beach, CA (Preliminary Design Review)	\$30,000
	Agency Coordination Meetings	\$12,500
<b>3</b>	Metro Eastside Transit Corridor Phase 2 Project Supplemental EIR/EIS Review	\$60,000
	Metro Eastside Transit Corridor Phase 2 Project (Preliminary Design Review)	\$45,000
	Agency Coordination Meetings	\$22,500
<b>4</b>	West Santa Ana Branch Transit Corridor Project (EIR/EIS Review)	\$50,000
	West Santa Ana Branch Transit Corridor Project (Preliminary 3 bridges Design Review)	\$80,000
	Agency Coordination Meetings	\$20,000
<b>5</b>	Task 2: LA River Bike Path Gap Closure Project – EIR/EIS Review ( 8 miles)	\$50,000
	Task 2: Coordination of Environmental Analysis (USACE Lead)	\$40,000
	Task 3: LA River Bike Path Gap Closure Project (30% Design Review)	\$80,000
	Task 4: Review of Permit Application	\$80,000
	Task 5: Agency Coordination Meetings	\$30,000
<b>6</b>	I-605 Corridor Project 3 Alternative (EIR/EIS )	\$50,000
	I-605 Corridor Project (Preliminary Design Review)	\$45,000
	Agency Coordination Meetings	\$12,500
<b>7</b>	Doran St. Crossing at Verdugo Wash (Full 408 Permission)	\$120,000
<b>8</b>	Brighton Double Track over Tujunga Wash and Pacoima Wash	\$145,000
<b>9</b>	East San Fernando Valley Project	\$120,000

Prioritization	Section 408 Request Description	Estimate
10	Sepulveda Transit Corridor Project (EIS/EIR)	\$40,000
	Sepulveda Transit Corridor Project (Preliminary Design Review)	\$40,000
	Agency Coordination Meetings	\$12,500
	<b>TOTAL</b>	<b>\$1,500,000</b>

*Note: Since scope of work for each project is subject to change, additional funds will be required to provide a full 408 permit. Any unused funding will be used for a full 408 permit*



# Appendix "B"

DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS  
FINANCE CENTER  
5722 INTEGRITY DRIVE  
MILLINGTON TENNESSEE 38054-5005

CEFC-FD  
SOP No. UFC-08

1 June 2004  
Revised 1 April 2006

## STANDING OPERATING PROCEDURES ELECTRONIC FUNDS TRANSFERS TO THE CORPS

1. **PURPOSE.** To Standing Operating Procedure (SOP) provides procedures for utilizing Electronic Funds Transfer (EFT) and the Automated Clearing House (ACH) networks in lieu of mailing a check for payment to the Corps.
2. **APPLICABILITY.** The provisions of this SOP apply to the USACE Finance Center (UFC) and activities supported by the UFC.
3. **REFERENCE.** SOP No. UFC-03, Collection/Deposit Procedures.
4. **PROCEDURES.** When a Corps customer wishes to use EFT or ACH processes to transfer of cash contributions in lieu of mailing a check to the UFC, the enclosed procedures must be followed to ensure accurate and timely credit for the funds transferred.
  - a. The customer must notify the supported activity F&A Officer or Project Manager in advance of the pending cash transfer. The customer's notification should include the date of the transfer, amount, type of transfer (CCD+ or CTX format), and any other known data that will be used to identify the transfer. The customer's financial institution will transfer the funds via the ACH network using the Cash Concentration or Disbursement Plus (CCD+) or Corporate Trade Exchange (CTX) formats of transactions. The required data elements for these types of transactions are provided in the enclosures.
  - b. Upon notification from the customer or the Project Manager of the pending EFT, the supported activity F&A Officer must enter a Collection Receiving Officer Voucher (ROV) in CEFMS. All EFT collection vouchers must be submitted to the UFC Disbursing Division using Form UFC-DISB-1 (available at: <http://fc.ufc.usace.army.mil/forms/a-ufcdisb1.pdf>). There should only be one EFT transaction per ROV and no other transactions should be attached to an ROV established for EFT purposes.

c. In addition to the enclosed format instructions, the F&A Officer or the Project manager must also provide the following information to the customer for the EFT transfer:

- (1) The District/Division/Laboratory/RBC two-digit EROC
- (2) The CEFMS ROV number
- (3) The Advance Account or Local Cost Share Number

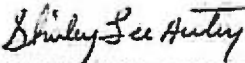
5. **Ca\$hLink II Agency Access System.** Ca\$hLink II is an on-line U.S. Treasury system that allows the UFC to access and confirm our deposit information the next working day after the EFT is posted. The UFC monitors the Ca\$hLink II system daily. Upon verification of the EFT transfer in Ca\$hLink II, the UFC will certify the ROV and confirm the deposit. Funds will be available immediately after the deposit confirmation.

The UFC will not require any additional documentation from the supported activity or the customer provided all required documentation identified above is provided. **If an EFT transaction is received via Ca\$hLink II that cannot be identified, it will be rejected back to the sender.** Before rejecting an EFT, the UFC will research and try to determine the proper supported activity and CEFMS account to update. For those EFT transactions rejected by the UFC, the financial institution (bank) that initiated the EFT will notify the customer (sender) of the rejected transaction.

6. **CHANGES.** Refer all discrepancies, comments or questions regarding this SOP to the Chief, Disbursing Division, Directorate of Finance (CEFC-FD) 901-874-8648.

FOR THE DIRECTOR:

Encls

  
SHIRLEY L. AUTRY  
Deputy Director, Finance

**U.S. ARMY CORPS OF ENGINEERS FINANCE CENTER**  
**Electronic Funds Transfer**  
**Customer Implementation Data Sheet**

**ACH CCD+ Format**

<b>DATA Element Name</b>	<b>Contents</b>	<b>Size</b>	<b>Position</b>
*Record Type Code	6	1	01-01
*Transaction Code	22	2	02-03
*Receiving ABA	05103670	8	04-11
*Check Digit	6	1	12-12
*Account Number	220025	17	13-29
Payment Amount	Amount of Payment (\$\$\$\$cc)	10	30-39
Identification Number	Optional	15	40-54
*Receiver Name	USACE Finance Center	22	55-76
**Discretionary Data	EROC Code of Corp Office	2	77-78
Addenda Indicator	1 (addenda present)	1	79-79
Trace Number	Assigned by Remitter's Bank	15	80-94

**ADDENDA RECORD FORMAT**

<b>DATA Element Name</b>	<b>Contents</b>	<b>Size</b>	<b>Position</b>
*Record type Code	7	1	01-01
*Addenda Type Code	05	2	02-03
*** Payment Related Data	ROV #/Account #;EROC	80	04-83
Sequence Number	Addenda number starting at 0001	4	84-87
Addenda Trace Number	Same as the last 7 numbers of the detail trace number	7	88-94

\* Data remains same for every transaction

\*\* EROC Code of Corps District

\*\*\* Data supplied by Corps District to Customer - If data is not present, transaction will be rejected



**U.S. ARMY CORPS OF ENGINEERS FINANCE CENTER**  
**Electronic Funds Transfer**  
**Customer Implementation Data Sheet**

**ACH CTX Format**

<b>DATA Element Name</b>	<b>Contents</b>	<b>Size</b>	<b>Position</b>
*Record Type Code	6	1	01-01
*Transaction Code	22	2	02-03
*Receiving ABA	05103670	8	04-11
*Check Digit	6	1	12-12
*Account Number	220025	17	13-29
Payment Amount	Amount of Payment (\$\$\$\$cc)	10	30-39
Identification Number	Optional	15	40-54
Number of Addenda	Number of Addenda Records attached	4	55-58
*Receiver Name	USACE Finance Center	22	59-74
Reserved	Blank	2	75-76
**Discretionary Data	EROC Code of Corp Office	2	77-78
Addenda Indicator	1 (addenda present)	1	79-79
Trace Number	Assigned by Remitter's Bank	15	80-94

**ADDENDA RECORD FORMAT**

<b>DATA Element Name</b>	<b>Contents</b>	<b>Size</b>	<b>Position</b>
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***Payment Related Data	ROV #/Account #; EROC	80	04-83
Sequence Number	Addenda number starting at 0001	4	84-87
Addenda Trace Number	Same as the last 7 numbers of the detail trace number	7	88-94

\*Data remains same for every transaction

\*\*EROC Code of Corps District

\*\*\*Data supplied by Corps District to Customer - If data is not present, transaction will be rejected

**MEMORANDUM OF AGREEMENT  
BETWEEN  
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  
AND  
U.S. ARMY CORPS OF ENGINEERS, LOS ANGELES DISTRICT**

SUBJECT: Memorandum of Agreement between the Los Angeles County Metropolitan Transportation Authority and the U.S. Army Corps of Engineers, Los Angeles District.

THIS MEMORANDUM OF AGREEMENT (“MOA”) is entered into between the Los Angeles County Metropolitan Transportation Authority (hereinafter the “LACMTA”) and the United States Army Corps of Engineers (“Corps”), Los Angeles District (hereinafter the “LAD”), collectively referred to as the “Parties.”

**RECITALS**

WHEREAS, the Corps has regulatory jurisdiction over certain activities occurring in waters of the United States pursuant to Section 404 of the Clean Water Act (“CWA”) of 1972, as amended, and navigable waters of the United States pursuant to Section 10 of the Rivers and Harbors Act (“RHA”) of 1899, as amended; and

WHEREAS, Section 214 of the Federal Water Resources Development Act (“WRDA”) of 2000, as amended, codified at 33 U.S.C. 2352, authorizes the Secretary of the Army, after public notice, to accept and expend funds to expedite the permit application review process for projects or activities that have a public purpose; and

WHEREAS, the Secretary of the Army has delegated the responsibility of carrying out Section 214 of the WRDA 2000, as amended, to the Chief of Engineers and his delegated representatives; and

WHEREAS, the Assistant Secretary of the Army (Civil Works), by memorandum dated January 19, 2018, has authorized the District and Division Engineers of the Corps to accept and expend funds contributed by a non-Federal public entity subject to certain limitations; and

WHEREAS, the LAD has indicated it is not able, without additional resources, to expedite the evaluation of LACMTA permit applications; and

WHEREAS, the LACMTA is a non-Federal public entity and believes it is in its best interest to provide funds to the LAD pursuant to this MOA to streamline and expedite LAD’s review under Section 404 of the CWA and/or Section 10 of the RHA for LACMTA-designated priority projects, as more fully described in this MOA; and

WHEREAS, the LAD issued an initial public notice dated November 2, 2020, regarding its intent to accept and expend funds contributed by the LACMTA; and

WHEREAS, in a memorandum dated XXX, the LAD's District Engineer determined that the acceptance and expenditure of funds received from the LACMTA is appropriate, and an informational public notice dated XXX, regarding the decision has been issued; and

WHEREAS, it is understood and acknowledged by all Parties that the Corps' review of the LACMTA permit applications for LACMTA-designated priority projects will be completely impartial and in accordance with all applicable Federal laws and regulations; and

WHEREAS, this MOA is intended to: (1) enable the Parties to fully consider, address, and protect environmental resources early in the development of proposed actions; (2) avoid conflicts late in project development through close coordination during early planning and development stages; (3) provide sufficient information to the Corps for timely analysis of project effects and to assist the LACMTA in developing appropriate mitigation measures; (4) maximize the effective use of limited Corps personnel resources by focusing attention on projects that would most affect aquatic resources; (5) provide a mechanism for expediting project coordination when necessary; and (6) provide procedures for resolving disputes in this resource partnering effort.

NOW, THEREFORE, the Parties agree as follows:

## AGREEMENT

### Article I. - PURPOSE AND AUTHORITIES

A. This MOA is entered into by the Parties for the purpose of establishing a mutual framework governing the respective responsibilities of the Parties for the Corps' acceptance and expenditure of funds contributed by the LACMTA to provide expedited permit application evaluation-related services for LACMTA-designated priority projects requiring Corps' approval pursuant to Section 404 of the CWA and/or Section 10 of the RHA, as listed in **Appendix A** to this MOA ("Priority Projects"). This MOA is not intended as the exclusive means of obtaining review of Priority Projects proposed by the LACMTA; it is a vehicle by which the LACMTA will obtain expedited permit application evaluation-related services, outside of the ordinary Corps review process for Priority Projects.

B. The LACMTA enters into this MOA pursuant to its authority under California Public Utilities Code sections 30530 and 30531.

C. The LAD enters into this MOA pursuant to its authority under 33 U.S.C. 2352.

### Article II. - SCOPE OF WORK

A. The LAD will expedite permit application evaluation-related services for LACMTA-designated Priority Projects under the jurisdiction of the Corps in exchange for funds provided by LACMTA, as set forth below. The Corps' Regulatory Program is funded as a congressionally appropriated line item in the annual Federal budget. Funds received from

LACMTA will be added to the Regulatory Division budget of the LAD, in accordance with 33 U.S.C. 2352.

B. The LAD will provide staffing resources exclusively dedicated to expediting permit application evaluation-related services, as described below, for LACMTA- designated Priority Projects and/or other programmatic efforts to support efficient decision-making related to the LACMTA CWA Section 404 and/or RHA Section 10 permitting needs.

C. The LAD will establish a separate internal financial account to track receipt and expenditure of the funds associated with its review of permit applications submitted by the LACMTA for Priority Projects. LAD personnel will charge their time and expenses against the account when they perform work to either expedite permit application evaluation-related requests for LACMTA Priority Projects or undertake other programmatic efforts to support efficient decision-making related to the LACMTA's permitting needs.

D. Funds contributed by the LACMTA hereunder will be expended by LAD to defray the costs of Regulatory Division personnel (including salary, associated benefits, overhead and travel expenses) and other costs in order to expedite the evaluation of Priority Project permit applications. Activities covered by this MOA will include, but not be limited to, the following: application intake review, permit database entry, drawing correction, jurisdictional determinations, site visits, travel, regional coordination with Corps personnel and with other agencies, preparing and distributing public notices, preparing and conducting public hearings, preparing correspondence, performing the public interest review, preparing draft permit decision documents, and meetings with the LACMTA and other agencies.

E. LAD may expend funds provided by the LACMTA to have other Corps personnel outside LAD (e.g., Institute for Water Resources and/or Engineer Research and Development Center) or hire contractors to perform select duties, including but not limited to: site visits; preparing and providing technical materials, including environmental documentation; GIS-related services; and meeting coordination for the purpose of augmenting the resources available to the Corps for expediting its review of LACMTA-designated Priority Projects. If such expenditures when combined with the costs of the LAD Regulatory Division personnel require funding in excess of the amount available under this MOA, then LAD, as appropriate, shall not utilize said other Corps personnel outside LAD or hire said contractors until and unless additional funds are provided by the LACMTA and the Parties execute a written amendment to this MOA. LACMTA may at any time choose to require the LAD to obtain pre-approval from LACMTA for use of funds provided by LACMTA prior to LAD utilizing said other Corps personnel outside LAD or hiring said contractors in subsequent Federal fiscal quarters by notifying the LAD in writing at least two (2) weeks before the start of the Federal fiscal quarter in which the pre-approval requirement is to become effective.

F. LAD will not expend funds provided by the LACMTA for costs associated with the review of the LAD's work undertaken by supervisors or other persons or elements of the LAD in the decision-making chain of command. However, if a supervisor is performing staff work and not supervisory oversight, funds provided by LACMTA may be used. LAD will not expend funds provided by the LACMTA to defray the costs of activities related to the Corps'

enforcement functions, but may use funds provided by the LACMTA to defray costs of activities related to permit compliance functions for LACMTA permits, such as compliance inspections. Enforcement functions are defined as activities not permitted by the Corps but requiring Corps authorization. Permit compliance functions are defined as Corps oversight of Corps-permitted activities.

G. If the funds provided by the LACMTA are expended and not replenished, any remaining LACMTA-designated Priority Projects will be handled like those of any permit applicant.

### Article III. - INTERAGENCY COMMUNICATIONS

To provide for consistent and effective communication between the Parties, each party will appoint a Principal Representative to serve as its central point of contact on matters relating to this MOA. The Principal Representatives are identified in Article IV. B. Additional representatives may also be appointed to serve as points of contact on specific actions or issues. Principal Representatives may be changed upon written notification to the other party without requiring an amendment to this MOA.

### Article IV. - NOTICES

A. Any notices, request, demand, or other communication required or permitted to be given under this MOA shall be deemed to have been duly given if in writing and delivered personally, or sent by email, or mailed by first-class, registered, or certified mail to the applicable Principal Representative. Any notice, request, demand, or other communication made pursuant to this Article shall be deemed to have been received by the addressee at the earlier of such time as it is actually received or seven (7) business days after it is mailed.

B. All inquiries during the term of this MOA will be directed to the Principal Representatives listed below:

If to LACMTA:

LACMTA  
Eduardo Cervantes  
Third Party Administration  
Deputy Executive Officer  
One Gateway Plaza  
Los Angeles, CA 90012  
cervantese@metro.net

If to LAD:

Stephen M. Estes  
Chief, Los Angeles and San Bernardino Counties Section (North Coast Branch)  
Regulatory Division  
U.S. Army Corps of Engineers

Los Angeles District  
915 Wilshire Boulevard, Suite 930  
Los Angeles, California 90017-3489  
Stephen.M.Estes@usace.army.mil

With a copy in all instances to:

District Counsel  
U.S. Army Corps of Engineers  
Los Angeles District  
915 Wilshire Boulevard, Suite 930  
Los Angeles, CA 90017-3489

#### Article V. - RESPONSIBILITIES OF THE PARTIES

A. The LACMTA will provide adequate resources to fund existing or additional LAD Regulatory Division personnel for the purpose of expediting the review of LACMTA-designated Priority Projects and other identified activities. To facilitate the Corps' reviews and activities, the LACMTA will:

1. Provide adequate information regarding LACMTA-designated Priority Projects, scheduling requirements, and other specific activities to initiate permit evaluation. Information required for the Corps to deem a permit application complete thereby allowing initiation of the permit review process can be found in Corps regulations at 33 C.F.R. §§ 325.1(d), 325.3(a), and in General Condition 32 of the Nationwide Permit Program. Upon request, the LACMTA shall provide supplemental information necessary to complete the permit application. Additional information [33 C.F.R. § 325.1(e)] required to complete the permit evaluation process may exceed what is needed to initiate the application review process. On a case-by-case basis, if requested by LAD, the LACMTA shall provide such additional information so as to ensure the Corps can effectively accomplish the required review.

2. In consultation with LAD, establish the specific order of priority of the LACMTA-designated Priority Projects as listed in Appendix A to this MOA. The LACMTA-designated Priority Projects included in Appendix A and the order of priority of those LACMTA-designated Priority Projects may be changed by the LACMTA Principal Representative without requiring an amendment to this MOA. Such changes shall be submitted to LAD's Principal Representative in writing in the manner provided by Article IV and will be effective upon receipt thereof.

3. To the best of its ability, ensure the participation of all essential personnel during the permit evaluation or compliance process.

4. Work closely with LAD to adjust priorities and schedules in order to optimize available LAD Regulatory Division and/or other Corps staff resources. While the LACMTA will make every effort not to overlap project schedules, occasional overlaps may occur and the LACMTA Principal Representative will work with LAD to prioritize such overlaps.

5. Provide funding pursuant to the terms of this MOA.

B. LAD shall use the funds provided to defray the costs of salaries and associated benefits and to reimburse travel expenses in order to:

1. Expedite review of the LACMTA-designated Priority Projects in accordance with the purpose, terms, and conditions of this MOA or any amendments thereto. LAD shall not redirect resources from, or otherwise postpone, permit applications related to non-Priority Projects submitted by the LACMTA through the standard Corps review process.

2. Following any pre-application meetings and/or discussions to clarify the scope of anticipated permit application review processes, provide the LACMTA with an estimated completion date for the permit evaluation process for each complete application submitted. The LACMTA shall be able to comment on the estimated completion date and adjust the order or list of Priority Projects per Appendix A, or provide additional resources per Article VI.

3. Consult with the LACMTA regarding an adjustment of priorities or establishment of relative priorities if the current or projected workload of Priority Projects and activities exceeds the LAD's ability to provide the services specified herein.

4. No later than thirty (30) days after the conclusion of each Federal fiscal quarter, unless an extension is granted by the LACMTA Principal Representative, provide the LACMTA a brief quarterly summary report of progress made under this MOA. Progress will be itemized for each permit application review completed during the quarter and for each permit application pending at the end of the quarter. This report will describe achievements, including any improvements LAD has documented in coordinating and improving the efficiency of environmental/permit reviews, and will summarize expenditures to date. The report also will identify any recommendations for improving consultation and coordination among the Parties to this MOA. The report will also include the LAD's current best estimate of the LAD's expected costs and tasks for the ensuing quarter. The report shall not be in excess of five (5) pages.

5. Designate a Regulatory Project Manager(s) and his/her specific responsibilities for each Priority Project. If possible, LAD will designate the same Regulatory Project Manager for all major LACMTA-designated Priority Project permit applications to ensure consistency and maintain efficiency of the review process.

#### Article VI. - FUNDING

A. Within 30 days of execution of this MOA and prior to the LAD incurring any expenditure to expedite permit evaluation-related activities as specified in this MOA, the LACMTA shall pay only the anticipated costs expected to be incurred through September 30, 2021, at the level specified in the LAD's budget estimate for Federal fiscal year 2021 and agreed by LACMTA, which is included as **Appendix B** to this MOA and incorporated herein by reference. Unless amended per Article VI.E. below, the total maximum amount payable under this MOA will not exceed Seven-Hundred Fifty-Thousand and No/100 Dollars (\$750,000.00).

B. No later than July 1 of each year that this MOA remains in effect, LAD will provide the LACMTA with an anticipated cost invoice (“Invoice”) that provides an updated budget estimate of costs for the next Federal fiscal year, including any proposed changes in the level of staffing compared to the levels indicated in Appendix B, less any estimated carry-over of unobligated funds from the prior Federal fiscal year. The Invoice shall also contain proposed updates to Appendix B, if any, for future Federal fiscal years. For Federal fiscal year 2028, the Corps shall provide LACMTA with an Invoice that provides an updated budget estimate of anticipated costs through December 31, 2027. LAD will give LACMTA reasonable opportunity to review and to request revisions to the Invoice and any updates to Appendix B proposed by LAD, and the Parties will attempt to reach agreement on any such revisions requested by LACMTA, consistent with Article VIII. Revisions agreed to in writing by the Parties will be incorporated into a revised budget estimate, Invoice, or Appendix B, as applicable. This update to Appendix B will not require an amendment to the MOA. Each Invoice shall be provided on LAD letterhead, and include (1) the LAD’s name and address, (2) LAD’s remittance address, if different, (3) service dates, and (4) total amount requested. Invoices shall be submitted by LADs to: Eduardo Cervantes at [cervantese@metro.net](mailto:cervantese@metro.net) and a hard copy to the address stated in Article IV.B.

C. Each Federal fiscal year after the year in which the MOA is executed, prior to LAD incurring any expenditure to expedite permit evaluation-related activities as specified in this MOA, the LACMTA will make an annual lump sum payment to LAD of the total amount specified in the Corps’ Invoice for the relevant year, or, if the Parties have outstanding disagreement(s) on revisions to the Invoice, the total amount specified in the Appendix B budget estimate for the relevant Federal fiscal year, less any carry-over of unobligated funds from the prior Federal fiscal year. Payments by the LACMTA are to be made preferably by electronic funds transfer in accordance with Standard Operating Procedure UFC 08 (**Appendix C**) or by check payable to the “USAED Los Angeles, FAO” and sent to the following address:

U.S. Army Corps of Engineers, Finance Center  
ATTN: EROC: L1  
5722 Integrity Drive  
Millington, TN 38054

D. LAD will carry-over any unobligated funds from year to year, or will refund such unobligated funds if this MOA is terminated or expires in accordance with Article X.

E. If LAD’s actual costs for providing the agreed-upon level of service will at any time during the term of this MOA exceed the amount of funds available, LAD will notify the LACMTA at least ninety (90) days prior to fund exhaustion of the incremental amount of funds needed to defray the remaining anticipated costs. The LACMTA will have the option of (i) making a payment to LAD for the incremental amount, provided the total amount of payments to the Corps does not exceed the total funding amount, (ii) increasing the total funding amount through an amendment to this MOA, or (iii) agree to a reduced level of service.



## Article VII. - APPLICABLE LAWS

The applicable statutes, regulations, policies, directives, and procedures of the United States will govern this MOA and all documents and actions pursuant to it. Unless otherwise required by law, all expediting of permit applications undertaken by the Corps will be governed by Corps regulations, policies and procedures.

## Article VIII. - DISPUTE RESOLUTION

In the event of a dispute, the Parties agree to use their best efforts to resolve the dispute in an informal fashion through consultation and communication, or other forms of non-binding alternative dispute resolution mutually acceptable to the Parties. The Parties agree that, in the event such measures fail to resolve the dispute, they shall refer the dispute for resolution to an appropriate forum in accordance with Federal law.

## Article IX. - PUBLIC INFORMATION

Justification and explanation of the LACMTA programs or projects before other agencies, departments, and offices will not be the responsibility of LAD. LAD may provide, upon request from the LACMTA, any assistance necessary to support justification or explanations of activities conducted under this MOA. In general, LAD is responsible only for public information regarding LAD regulatory activities. The LACMTA will give LAD, as appropriate, advance notice before making formal, official statements regarding activities funded under this MOA.

## Article X. - AMENDMENT, MODIFICATION, AND TERMINATION

A. This MOA may be modified or amended only by written, mutual agreement of the Parties, except where otherwise noted.

B. Any party reserves the right to terminate its participation in this MOA without cause upon thirty (30) days' written notice to the other party. In the event of termination, the LACMTA will continue to be responsible for all costs incurred by LAD in performing expedited environmental permit review services up to the time of notice and for the costs of closing out any ongoing contracts in support of the provision of services by LAD under this MOA.

C. Within ninety (90) calendar days of termination of the MOA, or the expiration of the MOA, the LAD shall provide the LACMTA with a final statement of expenditures. Within sixty (60) calendar days after submittal of the LAD's final statement of expenditures, LAD, subject to compliance with the Anti-Deficiency Act (31 U.S.C. 1341 et. seq.), shall directly remit to the LACMTA the unexpended balance of the advance payments, if any. Funds may be provided to the LACMTA by electronic funds transfer.

## Article XI. - MISCELLANEOUS

A. This MOA will not affect any pre-existing or independent relationships or obligations between Parties.

B. LAD's participation in this MOA does not imply endorsement of LACMTA projects nor does it diminish, modify, or otherwise affect Corps statutory or regulatory authorities.

C. If any provision of this MOA is determined to be invalid or unenforceable, the remaining provisions will remain in force and unaffected to the fullest extent permitted by law and regulation.

D. This MOA, including any documents incorporated by reference or attachments thereto, but excluding the pre-existing relationships or obligations between the Parties referenced in subparagraph A above, constitutes the entire agreement between the Parties. All prior or contemporaneous agreements, understandings, representations, and statements, oral or written, are merged herein and shall be of no further force or effect.

#### Article XII. - EFFECTIVE DATE AND DURATION

This MOA and any amendments will be effective on the date of execution by the last party. Unless amended or modified, this MOA shall remain in force until whichever of these events occurs first: 1) December 31, 2027 or 2) the MOA is terminated pursuant to Article X.B.

[REMAINDER LEFT INTENTIONALLY BLANK]

IN WITNESS WHEREOF, this MOA is executed as of the dates indicated below by the LACMTA and by LAD, through their authorized officers.

LACMTA

By: \_\_\_\_\_

Date: \_\_\_\_\_

Phillip A. Washington  
Chief Executive Officer

U.S. ARMY CORPS OF ENGINEERS, LOS ANGELES DISTRICT

By: \_\_\_\_\_

Date: \_\_\_\_\_

Julie A. Balten  
Colonel, US Army  
Commanding

## **Appendix A: LACMTA-designated Priority Projects**

**(Dated: February 21, 2021)**

The list of LACMTA-designated Priority Projects under this MOA includes the following proposed projects:

1. West Santa Ana Branch Transit Corridor Project
2. Los Angeles River Path Project
3. I-710 Corridor
4. I-710 Corridor – Shoemaker Bridge
5. I-605 Corridor
6. Doran Street Crossing at Verdugo Wash
7. Brighton Double Track over Tujunga Wash and Pacoima Wash
8. East San Fernando Valley Project
9. Eastside Transit Corridor
- 10. Sepulveda Transit Corridor**

Other projects if appropriate will be added to the MOA when they are ready for 404 coordination.

**Appendix B: Budget Estimate**

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**Appendix C**

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**Board Report**

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**File #:** 2021-0093, **File Type:** Agreement

**Agenda Number:** 13.

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**PLANNING AND PROGRAMMING COMMITTEE  
APRIL 14, 2021**

**SUBJECT: WEST SANTA ANA BRANCH (WSAB) TRANSIT CORRIDOR PROJECT**

**ACTION: APPROVE RECOMMENDATIONS**

**RECOMMENDATION**

CONSIDER authorizing the Chief Executive Officer to APPROVE additional funding of \$353,530 and an extension to December 2022 of the existing Funding Agreement (FA# 920000000FACGGC03) with the Gateway Cities Council of Governments (COG) for Third-Party Administration participation in the WSAB environmental clearance study.

**ISSUE**

This is a request to authorize a time extension and additional funds to the existing Funding Agreement with the Gateway Cities COG. Funding Agreement 920000000FACGGC03 (Attachment A) was executed in October 2016 and included a Term of Agreement that ended on September 30, 2020.

The Agreement included a budget of \$700,000 for corridor cities, the Gateway Cities COG and the Eco-Rapid Transit (Eco-Rapid) Joint Powers Authority (JPA) to participate in the Transit Oriented Communities (TOC) activities, environmental clearance study, participation in the WSAB City Managers Technical Advisory Committee (TAC), and other efforts. To date, several cities along with Eco-Rapid and the Gateway Cities COG have expended all of the funds allotted to them for this effort. Extending the Term of Agreement and providing additional funding is necessary to ensure that each of the corridor cities and Eco-Rapid participates in the review of the environmental document.

**BACKGROUND**

In February 2016, the Board approved Motion 32.1 (Attachment B) authorizing up to \$18 million to facilitate TOC predevelopment and planning activities for the WSAB Project in coordination with the City and County of Los Angeles, the Gateway Cities COG and the Eco-Rapid JPA. Multiple Funding Agreements have been executed to date as part of a collaborative effort to support Motion 32.1, including:

- A **June 2016 Funding Agreement** with the Gateway Cities COG to conduct near-term pre-development TOC activities;
- An **October 2016 Funding Agreement** with the Gateway Cities COG and Eco-Rapid for Third

-Party Administration to support the WSAB environmental study and to conduct outreach for the corridor; and

- A **July 2017 Funding Agreement** with Eco-Rapid to support the development of the Transit Oriented Development (TOD) Strategic Implementation Plan, which was finalized in May 2019.

**DISCUSSION**

At its September 22, 2016 meeting, the Board approved Item 12 (Attachment C), entering into a four-year Funding Agreement with the Gateway Cities COG, to be led by Eco-Rapid, for Third Party Administration to work with the 13 cities along the corridor for participation in the WSAB environmental clearance study, including review of the WSAB environmental document, participation in WSAB City Managers TAC meetings and conducting outreach for the corridor.

The WSAB City Managers TAC was formed within the Gateway Cities COG to serve as an effective forum for generating consensus positions on a range of technical, financial, and policy challenges confronting the corridor cities. The members include city managers or key staff for the cities and LA County staff. The monthly meetings are also attended by key Board deputies from Supervisor Hahn, Supervisor Solis, and Mayor Garcia offices and Eco-Rapid and the Gateway Cities COG staff. Metro has worked with the TAC to establish a collaborative approach to achieving the milestones required for the project to advance, including establishing ongoing engagement on the current project-level environmental process to protect interests of the cities and secure meaningful mitigation measures, supported by an effective monitoring system.

Since 2017, in addition to the City Managers TAC meetings, Metro has worked closely with cities on several technical issues requiring continued collaboration and feedback. As a result, several cities, as well as the Gateway Cities COG and Eco-Rapid have expended all funds allotted to them for this effort sooner than anticipated. Over the past few months, Metro staff has worked with COG staff to identify the need for additional funds for these cities to ensure their continued participation in the review of the environmental document through the completion of the WSAB final environmental study anticipated to be completed in summer 2022. It is anticipated that an additional \$353,530 will be needed to complete this effort through the completion of the final WSAB environmental study. The funding agreement is being extended to December 2022. The table below shows the breakdown of the additional funding request:

Agency	Funds	Purpose
Eco-Rapid Transit	\$60,450	Additional environmental review efforts and coordination with the Eco-Rapid Board of Directors and their efforts to address corridor-wide environmental impacts.
Gateway Cities COG	\$60,000	To fulfill staff time to engage in WSAB planning and related administration.
City of Paramount	\$20,000	Additional environmental review and technical study of the WSAB I-105/C-Line Freeway Station, ensuring community buy-in, and consideration of appropriate mitigations.



The City of Artesia	\$72,000	Additional environmental review and project planning associated with the Artesia Station as the WSAB southern terminus, development of an economic development program for the corridor and to serve as the fiscal agent (formerly performed by Bellflower) responsible for the processing of Eco-Rapid Transit expenditures as part of this effort.
City of Downey	\$29,875	Additional environmental review and local outreach efforts.
City of South Gate	\$63,205	Additional environmental review and local outreach efforts.
City Manager TAC	\$48,000	Continued facilitation and participation in the monthly WSAB City Manager TAC meetings.
<b>TOTAL</b>	<b>353,530</b>	

**DETERMINATION OF SAFETY IMPACT**

Adding funds and extending the Term of Agreement for this effort will not have any impact on the safety of Metro customers and/or employees because this Project is in the planning process phase and no capital or operational impacts results from this Board action.

**FINANCIAL IMPACT**

The FY 2020-21 remaining budget contains \$2,341,576 in Cost Center 4370 (Mobility Corridors Team 2), Project 460201 (WSAB Corridor Admin) for professional services. Since this is a multi-year contract, the Cost Center Manager and Chief Planning Officer will be responsible for budgeting in future years. The Project budget will be responsible for the additional funds.

Impact to Budget

This effort is funded by Measure R 35% funds. As these funds are earmarked for the WSAB Transit Corridor project, they are not eligible for Metro bus and rail capital and operating expenditures.

**IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The projects and programs included in Countywide Planning & Development’s work program contribute to the implementation of multiple goals of Metro’s Vision 2020 Strategic Plan i.e., Goal 1: Provide high-quality mobility options that enable people to spend less time traveling, Goal 3: Enhance communities and lives through mobility and access to opportunity and Goal 5: Provide responsive, accountable, and trustworthy governance within the Metro organization

**ALTERNATIVES CONSIDERED**

The Board could decide not to approve the recommended extension and additional funds. This

alternative is not recommended, as ongoing coordination with local jurisdictions and Eco-Rapid is a necessary component of the environmental clearance process. Non-approval could result in strained relationships with corridor cities resulting in additional project delays and/or increased litigation risk.

### **NEXT STEPS**

Upon Board approval, staff will execute an Amendment to the existing Funding Agreement to extend the Term of Agreement through the completion of the Final environmental document as well as update the project funding allocation to reflect the additional funds.

### **ATTACHMENTS**

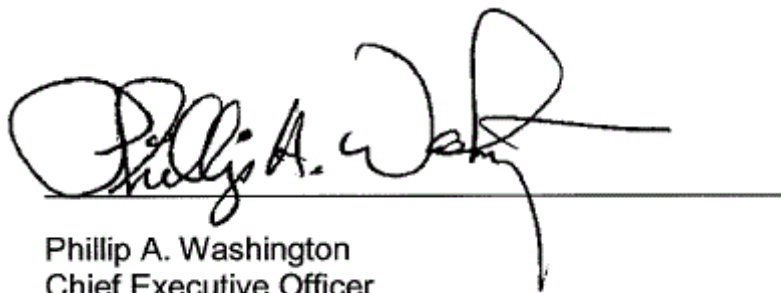
Attachment A - Funding Agreement 920000000FACGGC03

Attachment B - Board approved Motion 32.1

Attachment C - September 22, 2016 Board Report, Item 12

Prepared by: Meghna Khanna, Sr. Director, Countywide Planning & Development, (213) 922-3931  
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Reviewed by: James de la Loza, Chief Planning Officer, Countywide Planning & Development, (213)  
922-2920



Phillip A. Washington  
Chief Executive Officer

**FUNDING AGREEMENT BETWEEN THE GATEWAY CITIES COUNCIL OF GOVERNMENTS AND THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

This Funding Agreement (the “Agreement”) is entered into with an effective date of October 10, 2016 (“Effective Date”), and is by and between the Gateway Cities Council of Governments (“AGENCY”) and the Los Angeles County Metropolitan Transportation Authority (“LACMTA”), hereinafter referred to collectively as the “Parties.” The general purpose of this Agreement is to define the roles, responsibilities, and protocols of the AGENCY and eligible subrecipients to the AGENCY, identified in Attachment A (“Participating Agencies”), in LACMTA’s environmental clearance of the West Santa Ana Branch Transit Corridor (“Project”), which generally includes facilitation and coordination between LACMTA, AGENCY, and the Participating Agencies, hereinafter referred to as the “Collaborative Effort.”

**RECITALS**

WHEREAS, LACMTA is the transportation planning and programming agency for Los Angeles County responsible for the County’s Long Range Transportation Plan, Short Range Transportation Plan and Transportation Improvement Program, and the construction and operation of bus and rail services; and

WHEREAS, the AGENCY is a California Joint Powers Authority that represents the 27 cities of Southeast Los Angeles County, the Port of Long Beach and certain unincorporated areas of Los Angeles County adjacent to or surrounded by these cities. In its role, the AGENCY provides leadership and supports various initiatives for its member cities/agencies, including implementing clean air strategies, addressing housing needs, reducing traffic congestion, conducting short and long range transportation studies, preserving and enhancing open space, and strengthening the economy; and

WHEREAS, the West Santa Ana Branch Transit Corridor is a funding priority in the voter-approved Measure R and Measure M expenditure plans; and

WHEREAS, LACMTA is working on the Project for the purpose of identifying a future light rail transit alignment and associated stations within a defined study area; and

WHEREAS, the LACTMA Board of Directors approved Motion 32.1 at its February 25, 2016 meeting, authorizing funding to facilitate Transit-Oriented Communities (TOC, a broader Transit-Oriented Development concept) for the Project and directing that LACMTA work with the City of Los Angeles, County of Los Angeles, AGENCY, and the Eco-Rapid Transit Joint Powers Authority (“Eco-Rapid”) to pursue TOC predevelopment and planning activities for the Project; and

**WHEREAS**, this is one of several existing or pending agreements associated with carrying out Board Motion 32.1 and relating to the Collaborative Effort, with potentially more agreements to follow; and

**WHEREAS**, the purposes, approaches and scopes of work for these agreements are and will be coordinated to ensure that the intent of Board Motion 32.1 is effectively implemented; and

**WHEREAS**, articulating clear roles and responsibilities is a vital tenet of ensuring a collaborative and coordinated effort to effectively implement Board Motion 32.1 such that the communities accrue multiple benefits from this substantial public infrastructure investment and opportunity; and

**WHEREAS**, all the agreements associated with implementing Board Motion 32.1 must demonstrate a progression toward completing the forward planning and design of the West Santa Ana Branch Light Rail Transit line and ancillary project features, and its environmental clearance, along with supporting or resulting in TOC-supportive local plans, regulations, financial tools and programmatic California Environmental Quality Act clearance to enable private and public sector Transit-Oriented Development (TOD) in the corridor; and

**WHEREAS**, this Agreement includes a Collaborative Effort framework for implementing the aforementioned LACMTA Board of Directors February 25, 2016 direction and the referenced related actions, a process for coordination involving LACMTA, the AGENCY, and Participating Agencies, and a communication protocol to be carried out by the AGENCY and Participating Agencies for the Project by setting forth the roles, responsibilities and protocols, as identified in Attachment A; and

**WHEREAS**, the LACMTA Board of Directors at its September 22, 2016 meeting approving the entering of this Agreement with the AGENCY for third party administration to work with the Participating Agencies on the Project, in the amount not-to-exceed \$700,000 in Measure R 35% funds, which scope of work for this Collaborative Effort is identified in Attachment A; and

**WHEREAS**, a Letter of No Prejudice (LONP) for the Collaborative Effort was issued on October 10, 2016, allowing the AGENCY and the Participating Agencies to spend funds in an amount up to \$50,000 in total for the early participation of the AGENCY, Eco-Rapid Transit Joint Powers Authority JPA and the Cities of Artesia, Bell, Bell Gardens, Bellflower, Cerritos, Cudahy, Downey, Huntington Park, Lakewood, Lynwood, Maywood, Paramount, South Gate and Vernon, to review Project deliverables and provide technical comments and feedback on the Project, pending execution of this agreement.

NOW, THEREFORE, in consideration for the promises set forth herein, the receipt and adequacy of which is hereby acknowledged, the Parties hereto agree as follows:

**AGREEMENT**

**I. TERM OF AGREEMENT**

The term of the Agreement shall be for a period from the Effective Date of this Agreement through September 30, 2020. LACMTA shall have the right to extend the term as necessary. This is a one-time funding grant subject to the terms and conditions agreed to herein. This grant does not imply nor obligate any future funding commitment on the part of LACMTA.

The obligation for LACMTA to grant AGENCY the Funds relating to the Collaborative Effort in supporting the Project is subject to sufficient Funds being made available for the Project and the Collaborative Effort by the LACMTA Board of Directors. If such Funds are not made available for the Project and/or Collaborative Effort, LACMTA shall have no obligation to provide the Funds for the Collaborative Effort, unless otherwise agreed to in writing by LACMTA.

**II. COLLABORATIVE EFFORT ADMINISTRATION AND SCOPE OF WORK**

A AGENCY and the Participating Agencies shall perform the work per the tasks and deliverables, roles, responsibilities and protocols detailed in Attachment A – Collaborative Effort Framework and Scope of Work.

B. Management/Administration of the scope of work in Attachment A is capped at a maximum of 15% of the total Agreement cost.

C. AGENCY shall submit Quarterly Progress Invoice Reports, in the form attached to the Agreement as Attachment B with detailed supporting documentation within sixty (60) days after the close of each quarter. The last Quarterly Progress Invoice Report shall be due no later than November 30, 2020 to be eligible for reimbursement under this Agreement. If no activity has occurred during a particular quarter, AGENCY will still be required to submit the Quarterly Progress Invoice Report indicating that no dollars were expended in the quarter.

E. In the event that any changes to Attachment A – Collaborative Effort Framework and Scope of Work are desired, LACMTA shall notify AGENCY in writing in a timely manner. AGENCY understands and agrees that LACMTA's contribution to the Project is limited to the amount specified in Section III (A) of this Agreement, and that the AGENCY shall be fully responsible for any eligible expenditures that exceed LACMTA's contribution and that Participating Agencies are not entitled to payment of any eligible expenses that exceed LACMTA's contribution. Any unexpended Funds after September 30, 2020, unless an extension is requested in writing by AGENCY and approved by LACMTA, shall no longer be available to the AGENCY.

### III. PAYMENT

A. LACMTA shall reimburse AGENCY an aggregate amount not to exceed \$700,000 for amounts invoiced with proper documentation within 30 working days of receipt of an acceptable invoice. AGENCY is responsible for pass-through payments to the Participating Agencies. Failure of a Participating Agency to abide by the terms and conditions of this Agreement or failure to perform the work set forth in the Scope of Work may result in LACMTA denying payment or excluding any further participation of the defaulting Participating Agency under this Agreement, along with any subsequent payments to it. AGENCY is advised to make payment to a Participating Agency only after payment is made to AGENCY by LACMTA.

B. LACMTA shall only reimburse eligible expenditures. LACMTA reserves the right to reject expenses submitted by AGENCY that it deems out of scope. Equipment including vehicles, computer hardware and software are not eligible expenditures and shall not be reimbursed with the Funds.

C. Any Funds expended by AGENCY prior to the Effective Date of this Agreement shall not be reimbursed nor shall they be credited toward the AGENCY Funding Commitment requirement, without the prior written consent of LACMTA. AGENCY Funding Commitment dollars expended prior to the Effective Date shall be spent at AGENCY'S own risk.

### IV. INDEMNIFICATION

Neither LACMTA nor any officer or employee thereof shall be responsible for any damage or liability occurring by reason of anything done or committed to be done by AGENCY, its officers, agents, employees, contractors and subcontractors under this Agreement. AGENCY shall fully indemnify, defend and hold LACMTA, and its officers, agents and employees harmless from and against any liability and expenses, including without limitation, defense costs, any costs or liability on account of bodily injury, death or personal injury of any person or for damage to or loss of risk of property, any environmental obligation, any legal fees and claims for damages of any nature whatsoever arising out of the Scope of Work, including without limitation; (i) use of the Funds by the AGENCY, or its officers, agents, employees, contractor or subcontractors; (ii) breach of the AGENCY's obligations under this Agreement; or (iii) any act of omission of the AGENCY, or its officers, agents, employees, contractors or subcontractors in the performance of the work or the provision of the services, in connection with the Project including, without limitation, the Scope of Work, described in this Agreement. The indemnity shall survive termination of this Agreement.

### V. INSURANCE

AGENCY shall procure and maintain for the duration of the Agreement insurance against claims for injuries to persons, or damages in property which may arise from on in conjunction with the performance of the work hereunder by the AGENCY, their

agents, representatives, employees or subcontractors. As respects Professional Liability, coverage must be maintained and evidenced provided, for two years following expiration of the Agreement.

**A. MINIMUM SCOPE OF INSURANCE**

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (concurrency form CG0001).
2. Insurances Services Office form number CA 0001 covering Automobile Liability, code 1 (any auto).
3. Worker's Compensation insurance as required by the State of California and Employer's Liability Insurance.
4. Professional Liability Insurance.

**B. MINIMUM LIMITS OF INSURANCE**

AGENCY shall maintain limits no less than:

1. General Liability: \$1,000,000 per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or
2. Other form with a general aggregate limit is used, the general aggregate limits shall be twice the required occurrence limit of \$2,000,000. Products/ Completed Operations aggregate shall apply separately to this contract/agreement or the aggregate limit shall be twice the required per occurrence limit.
3. Automobile Liability: \$1,000,000 per accident for bodily injury and property damage.
4. Worker's Compensation insurance as required by the State of California and Employer's Liability Insurance.
5. Professional Liability: \$1,000,000 per occurrence.

**C. OTHER INSURANCE PROVISIONS**

The insurance policies required per the terms of the agreement are to contain, or be endorsed to contain, the following provisions:

1. LACMTA, its subsidiaries, officials and employees are to be covered as additional insured as respects liability arising out of the activities performed by or on behalf of the AGENCY; products and completed operations of the AGENCY; premises owned, occupied or used by the AGENCY; or automobiles owned, leased, hired or borrowed by the AGENCY. The general liability coverage shall also include contractual, personal injury, independent

contractors and broad form property damage liability. The coverage shall contain no special limitations on the scope of protection afforded to LACMTA, its subsidiaries, officials and employees.

2. For any claims related to this Agreement, insurance provided by the AGENCY shall be primary as respects LACMTA, its subsidiaries, officials and employees. Any insurance or self-insurance maintained by LACMTA shall be in excess of any program of insurance afforded by the AGENCY and shall not contribute with it.
3. Any failure to comply with reporting or other provisions of the policies including breaches of warrants shall not affect coverage provided to LACMTA, its subsidiaries, officials and employees.
4. The program of insurance provided by the AGENCY shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. Each insurance policy is required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice has been given to LACMTA.
6. Worker's Compensation and Employer's Liability policies shall provide a waiver of subrogation in favor of LACMTA.
7. Professional Liability insurance shall be continued, and evidence provided to LACMTA, for two years following expiration of the contract.
8. Coverage provided for two years in the event of cancellation or non-renewal.

**D. DEDUCTIBLES AND SELF-INSURED RETENTIONS**

Notwithstanding anything to the contrary, the insurance requirements contained herein may be met with a program of self insurance.

**E. ACCEPTABILITY OF INSURERS**

Insurance is to be placed with California admitted, or non-admitted carriers approved by the California Department of Insurance. All carriers must have a current A.M. Best's rating of no less than A-VII, unless otherwise approved by LACMTA. This section does not apply to a self-insured agency.

**F. VERIFICATION OF COVERAGE**

AGENCY shall furnish LACMTA with original endorsements and certificates of insurance evidencing coverage required by this clause. All documents are to be signed by a person authorized to attest to validity of coverage and protections afforded LACMTA. All documents are to be received and approved by LACMTA before work commences. If requested by LACMTA, AGENCY shall submit copies of all required



insurance policies, including endorsements affecting the coverage required by these specifications.

**G. SUBRECIPIENTS AND SUBCONTRACTORS**

AGENCY shall include all subrecipients or subcontractors as insured under its policies or shall furnish separate certificates and endorsements for each subrecipient or subcontractor. All coverages for subrecipients or subcontractors shall be subject to all of the requirements stated herein. If requested by LACMTA, the AGENCY shall submit copies of all required insurance policies, including endorsements affecting the coverage required by these specifications. The Participating Agencies are considered subrecipients.

**VI. RECORD RETENTION**

A. AGENCY shall maintain all source documents, books and records connected with its performance and all work performed under this Agreement for three (3) years.

B. LACMTA, and/or its designee, shall have the right to conduct audits of the Project as needed. AGENCY agrees to establish and maintain proper accounting procedures and cash management records and documents in accordance with Generally Accepted Accounting Principles (GAAP). AGENCY shall reimburse LACMTA for any expenditure not in compliance with this Agreement. The allowability of costs for AGENCY's own expenditures submitted to LACMTA for this Project shall be in compliance with Office of Management and Budget (OMB) Circular A-87. The allowability of costs for AGENCY's contractors, consultants and suppliers expenditures submitted to LACMTA through AGENCY's Quarterly Progress Reports and Expenditures shall be in compliance with OMB Circular A-87 or Federal Acquisition Regulation (FAR) Subpart 31 (whichever is applicable). Findings of the LACMTA audit are final. When LACMTA audit findings require AGENCY to return monies to LACMTA, AGENCY agrees to return the monies within thirty (30) days after the final audit is sent to Grantee.

**VII. COMMUNICATIONS**

A. AGENCY shall ensure that all Communication Materials contain recognition of LACMTA's contribution to the Project as more particularly set forth in "Funding Agreement Communications Materials Guidelines" available on line or from the LACMTA Project Manager. Please check with the LACMTA Project Manager for the web address. The Funding Agreement Communications Materials Guidelines may be changed from time to time during the course of this Agreement. Grantee shall be responsible for complying with the latest Funding Agreement Communications Materials Guidelines during the term of this Agreement, unless otherwise specifically authorized in writing by the LACMTA Chief Communications Officer.

B. For purposes of this Agreement, "Communications Materials" include, but are not limited to, press events, public and external newsletters, printed materials, advertising, websites radio and public service announcements, electronic media, and construction site signage. A more detailed definition of "Communications Materials" is found in the Funding Agreement Communications Materials Guidelines.

C. The Metro logo is a trademarked item that shall be reproduced and displayed in accordance with specific graphic guidelines. These guidelines and logo files including scalable vector files will be available through the LACMTA Project Manager.

D. AGENCY shall ensure that any subcontractor, including, but not limited to, public relations, public affairs, and/or marketing firms hired to produce Project Communications Materials for public and external purposes will comply with the requirements contained in this Section.

E. The LACMTA Project Manager shall be responsible for monitoring AGENCY compliance with the terms and conditions of this Section. AGENCY failure to comply with the terms of this Section shall be deemed a default hereunder and LACMTA shall have all rights and remedies set forth herein.

## VIII. DEFAULT

A Default by AGENCY under this Agreement is defined as any one or more of the following:

1. AGENCY fails to comply with the terms and conditions contained in this Agreement; or
2. AGENCY fails to perform satisfactorily any of the responsibilities identified in Attachment A.

## IX. REMEDIES

A. In the event of a Default by AGENCY, LACMTA shall provide written notice of such Default to AGENCY with a 30-day period to cure the Default. In the event that AGENCY fails to cure the Default, or commit to cure the Default and commence the same within such 30-day period and to the satisfaction of the LACMTA, LACMTA shall have the following remedies: (i) LACMTA may terminate this Agreement; (ii) LACMTA may make a determination to make no further disbursements of funds to AGENCY; and/or (iii) LACMTA may recover from AGENCY any funds disbursed to AGENCY as allowed by law or in equity.

B. Effective upon receipt of written notice of termination from LACMTA, AGENCY shall not undertake any new work or obligation with respect to this Agreement.

C. The remedies described herein are non-exclusive. LACMTA shall have the right to enforce any and all rights and remedies herein or which may be now or hereafter available at law or in equity.

D. In the event of any termination, LACMTA shall reimburse AGENCY for properly invoiced work performed prior to the date of termination.

#### X. ASSIGNMENT OF AGREEMENT

A. AGENCY is without right to and shall not assign this Agreement or any part thereof or any monies due hereunder without the prior written consent of LACMTA, which shall not be unreasonably withheld. All AGENCY and Participating Agencies' agents, contractors and subcontractors directly working on and receiving monies from this Agreement require prior written approval by LACMTA and shall be bound by the terms of this Agreement.

#### XI. MISCELLANEOUS

A. California State law shall govern this Agreement. If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force without being impaired or invalidated in any way, unless any of the stated purposes of the Agreement would be defeated.

B. No amendment, modification, alteration or variation of the terms of this Agreement shall be valid unless made in writing and signed by authorized representatives for the Parties hereto and no oral understanding or agreement not incorporated herein shall be binding on any of the Parties.

C. This Agreement contains the entire understandings between the Parties and supersedes any prior written or oral understandings and agreements regarding the subject matter of the Agreement.

D. The covenants and agreements of this Agreement shall inure to the benefits of, and shall be binding upon, each of the Parties and their respective successors and assignees.

E. Both Parties shall comply with all applicable laws, regulations and policies.

F. Neither AGENCY nor LACMTA shall assign this Agreement, or any part thereof, without the written consent of the other party. Any assignment without such written consent shall be void and unenforceable.

G. Any notice required or permitted under this Agreement shall be in writing and shall be deemed served if sent by registered mail addressed as follows, unless otherwise notified in writing of a change of address:

Fanny Pan, Senior Director  
Transit Corridors Planning Division  
Countywide Planning and Development Department  
Los Angeles County Metropolitan Transportation Authority  
One Gateway Plaza, Mailstop: 99-22-4  
Los Angeles, CA 90012

Jack Joseph, Deputy Executive Director  
Gateway Cities Council of Governments  
16401 Paramount Blvd.  
Paramount, CA 90723

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized representatives as of the dates indicated below:

LACMTA:

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

By: Phillip A. Washington  
for Phillip A. Washington  
Chief Executive Officer

Date: 10/6/17

APPROVED AS TO FORM:

MARY C. WICKHAM  
County Counsel

By: Mary Wickham  
Deputy

Date: 10/3/17

AGENCY:

GATEWAY CITIES COUNCIL OF GOVERNMENTS

By: Johnny Pineda  
Johnny Pineda  
President

Date: 10-4-17

APPROVED AS TO FORM:

By: Richard D. Jones  
for Richard D. Jones  
General Counsel

Date: 10/4/17

**ATTACHMENT A  
COLLABORATIVE EFFORT FRAMEWORK  
AND SCOPE OF WORK**

Parties to the Collaborative Effort

1. LACMTA – Los Angeles County Metropolitan Transportation Authority
2. AGENCY - Gateway Cities Council of Governments
3. Participating Agencies:
  - Eco-Rapid Transit JPA (the City of Bellflower will act as the fiscal agent for processing of expenditures per the existing Memorandum of Understanding between Eco-Rapid Transit JPA and City of Bellflower); and
  - Participating Cities: Artesia, Bell, Bellflower, Bell Gardens, Cudahy, Downey, Huntington Park, Lakewood, Lynwood, Maywood, Paramount, South Gate, and Vernon. (City of Cerritos chooses not to participate.)

Background

- June 2016 –A “near-term” Funding Agreement not-to-exceed \$230,800 was entered into between LACMTA and the AGENCY (led by Eco-Rapid Transit JPA) to conduct Sustainable TOC Predevelopment and Planning activities, including Conceptual Station Area Land Use Planning Studies for stations in Cerritos, South Gate and Paramount, and Visioning Planning Studies for the City of Vernon Station.
- Eco-Rapid Transit JPA’s members (Artesia, Bellflower, and Downey) have received LACMTA TOD Grants and are in process of preparing station area plans.
- September 2016 - the LACMTA Board authorized entering into an agreement with the AGENCY for participation in the Project in the amount not-to-exceed \$700,000.
- October 2016 – FTA awarded TOD Planning Pilot Program Grant to LACMTA to conduct the WSAB Transit Corridor TOD Strategic Implementation Plan in partnership with the City of South Gate and the Eco-Rapid Transit JPA.

Familiarity Required Existing and Pending Complementary Reference Material

The goal of the Collaborative Effort framework is to create consistency in all studies and activities relating to the Project and avoid duplication of efforts. In developing studies and activities relating to the Project, AGENCY and each Participating Agency shall be familiar with existing and pending complementary reference material as set forth herein, and all scopes of work will be reviewed and approved by LACMTA.

1. Approach and Scope of Work (SOW)

- The development of a SOW shall consider, and to the extent practicable, build upon the framework developed in the WSAB Sustainable Transit Corridor – Phase 1 Near-term Agreement regarding pre-development Transit-oriented Communities (FA#: 920000000FACGGC02). To the extent practicable, all work shall be coordinated with the preparation of the Project and complement the recommendations and findings from prior studies and documents applicable to the Project, including the WSAB TOD Handbook; Caltrans Environmental Justice Assessment; South Gate Station Conceptual Plan; Bellflower Mixed Use Zone Plan; Cerritos Station TOD District; Huntington Park Focused General Plan Update; Rancho Los Amigos South Campus Specific Plan; Bellflower Station Specific Plan; Artesia International Downtown Specific Plan; AECOM Land Use Studies located in Cudahy, Downey, South Gate, and Huntington Park; Conceptual Land Use Planning Studies for stations in Cerritos, South Gate, and Paramount; and Visioning Planning Studies for the City of Vernon Station.
  - An FTA-awarded TOD Planning Pilot Program Grant for the WSAB Transit Corridor TOD Strategic Implementation Plan is available as a reference and resource. A separate partnership agreement is anticipated to be executed for work related to this grant.
2. Prior Studies to Reference and Integrate as Available Information to Assist in Project Coordination Efforts
- 2011-2015 – \$276,000 FHWA Pass-through Grant for AECOM Land Use Studies for stations located in Cudahy, Downey, South Gate, and Huntington Park.
  - 2011 -2013 - \$213,840 Caltrans Environmental Justice Planning Grant that assessed community impacts and addressed environmental justice goals and objectives relative to the development of the OLDA transit corridor. The project focused on providing regional connectivity to cities located in the project area with surrounding communities. It included the cities of South Gate, Huntington Park, Bell, Cudahy, Maywood and Bell Gardens. LACMTA, AGENCY and Participating Agencies agree to consider or include the environmental justice goals as addressed by the Caltrans Environmental Justice Plan.
  - 2012-2015 – Eco-Rapid Transit JPA and member cities have received \$1.8 million in TOD planning grant funded by a combination of Measure R 2% and Measure R 3% funds for the WSAB TOD Handbook, Huntington Park Focused General Plan Update, Rancho Los Amigos South Campus Specific Plan, Bellflower Station Specific Plan, and the Artesia International Downtown Specific Plan.
  - Cities have received SCAG COMPASS and Sustainability Planning Grants for projects in South Gate, Bellflower and Cerritos.
3. Coordination with Environmental Study (Project)

- Both the TOC and EIS/EIR must recognize that light rail is the build alternative under study. It will be critical that work related to the TOC be closely coordinated with the Project directed for analysis by the Board in September 2016, with respect to the opportunities resulting from the light rail alignment and stations on land use. This will ensure that:
  - a) key assumptions regarding the project's cost, scope and schedule that may emerge from the Environmental Study (Project) are aligned with the TOC scope, as the planning and implementation of viable Transit Oriented Developments necessarily pivots on the scope and timing of the transit investment at its core, such that putting in place the framework for TOC in preparation for the light rail investment maximizes the opportunity; and
  - b) outreach activities with the community, essential to both the environmental study and TOC efforts are optimized, in coordination with LACMTA's outreach activities, to ensure that input of the community is appropriately reflected in both efforts.

### Roles and Responsibilities of AGENCY, Participating Agencies, and LACMTA

#### 1. AGENCY

- Review invoices and quarterly reports of the Participating Agencies for accuracy and compliance with the terms of the Agreement.
- Submit invoices and quarterly reports in a timely manner to LACMTA for itself and on behalf of the Participating Agencies.
- Facilitate, in a manner approved by the LACMTA Project Manager and within the approved budget for AGENCY participation, the Participating Agencies in completing the scope of work of the Agreement.

#### 2. Participating Agencies

- Perform activities relating to the scope of work of the Agreement in compliance with all terms and provisions of the Agreement.
- Support and facilitate LACMTA on outreach activities
- Timely prepare and submit to AGENCY invoices and quarterly reports, as well as any other record required by the Agreement.
- Coordinate with LACMTA and its member agencies within the Project area
- Work with LACMTA in a collaborative manner in conducting tasks, roles and responsibilities required by the Agreement.

#### 3. LACMTA

- Lead agency, Project owner and Project manager.
- Outreach activities lead.



- Public “face” of the Project and outreach activities.
- Provide funding and make timely payments as set forth in the Agreement.

## Communication

### 1. Collaborative Effort Protocol

- **Project Team Meetings:** LACMTA will convene internal project team meetings for purposes of overseeing Project management and Project coordination. These are internal and confidential meetings that are only open to Eco-Rapid Transit JPA upon invitation by LACMTA. These meetings are intended to discuss consultant performance, schedules, other activities including draft materials and discussions not to be discussed or disseminated with other parties without the express consent of LACMTA. LACMTA recognizes the value of coordination and Eco-Rapid Transit JPA as a resource in furthering the Project.
- **AGENCY and Participating Agencies** shall limit meeting attendees to necessary participants who actively participate by way of providing useful information for the Project, and serve a vital coordination role during or resulting from the meeting.
- **Formation of Committees to facilitate timely communication and effective decisions:**
  - **Technical Advisory Committee (TAC)** – The LACMTA-led TAC will hold coordinated meetings and regular working group meetings. The TAC consists of task-appropriate managers and technical staff from LACMTA, AGENCY, and Participating Agencies.
  - **Policy and Oversight Committee (POC)** – The POC will provide input to the TAC. The POC will oversee activities to assure the project stays on schedule and milestones are met. The POC will consist of LACMTA’s Senior Executive Officer and Executive Officer, and Eco-Rapid Transit JPA’s Executive Director or Designee(s). Policy direction as needed will be provided by LACMTA’s Chief Planning Officer, and Eco-Rapid Transit JPA’s Executive Director and Designee.

### 2. Communication Points of Contact

- All communication to LACMTA shall be to both the Project Manager as Project lead and Communications Project Manager as communications lead.
- All communications to AGENCY that are not notices pursuant to the Agreement and/or Eco-Rapid Transit JPA shall be to Eco-Rapid Transit JPA’s Executive Director or designee.

### 3. Collaborative Working Relationship Established

- Parties acknowledge, understand and agree that a collaborative working relationship promotes the interests of all parties to the Collaborative Effort in achieving common Project goals. Concerns, problems, or conflicts in with regard

to the working relationship in administering the Agreement shall first be communicated to the points of contact above. If still needed, Parties and Participating Agencies will elevate issues to LACMTA's supervising Senior Executive Officer for resolution and advise the points of contact accordingly. This protocol applies to the AGENCY and the Participating Agencies.

### Schedule/Timeline

AGENCY and Participating Agencies must coordinate with LACMTA throughout the Project schedule.

### Judicious Use of Monies

Parties understand and agree that the monies allocated in this Agreement shall be expended consistent with the terms and conditions of the Agreement. LACMTA reserves the right to reject expenses submitted by AGENCY that it deems out of scope. AGENCY, Participating Agencies and LACMTA will collaborate and agree upon work tasks and receive LACMTA's approval of work before undertaking it to ensure a mutual understanding of judiciously using monies.

### Collaborative Effort Scope of Work:

- Pursuant to Item 12D approved by the LACMTA Board of Directors at its September 22, 2016 meeting, AGENCY will provide third party administration services, pursuant to the terms of the Agreement, for the Cities of Artesia, Bell, Bellflower, Bell Gardens, Cudahy, Downey, Huntington Park, Lakewood, Lynwood, Maywood, Paramount, South Gate, and Vernon to participate in the environmental clearance study for the West Santa Ana Branch Transit Corridor, led by Eco-Rapid Transit JPA. AGENCY's third party administration will include the management of the \$700,000 Project funds, as allocated below, to support the Participating Cities' review of environmental documents and technical report deliverables resulting from Project work and participation on the Project Technical Advisory Committee (TAC)/Working Group (WG) in support of the Project. Participating Agencies and LACMTA should collaborate and agree upon appropriate TAC meetings.
- AGENCY and Participating Agencies will perform the AGENCY roles and responsibilities outlined above.

Project Funding Allocation (not to exceed):

	Budget
Gateway Cities COG (AGENCY)	\$100,000
Artesia	\$ 28,000
Bell	\$ 17,000
Bellflower	\$ 44,000
Bellflower – Eco-Rapid Transit JPA	\$298,000
Bell Gardens	\$ 12,000
Cudahy	\$ 22,000
Downey	\$ 24,000
Huntington Park	\$ 28,000
Lakewood	\$ 8,000
Lynwood	\$ 12,000
Maywood	\$ 17,000
Paramount	\$24,000
South Gate	\$ 28,000
Vernon	\$ 28,000
Remaining Funds for AGENCY and LACMTA to mutually determine how to distribute to the above	\$ 10,000
<b>Total</b>	<b>\$ 700,000</b>



# Metro

## Board Report

Los Angeles County  
Metropolitan Transportation  
Authority  
One Gateway Plaza  
3rd Floor Board Room  
Los Angeles, CA

**File #:** 2016-0175, **File Type:** Motion / Motion Response

**Agenda Number:** 32.1

### REGULAR BOARD MEETING FEBRUARY 25, 2016

#### Motion by:

**Directors Knabe, DuBois, Garcetti and Solis**

February 25, 2016

#### Item 32, File ID 2016-0021

#### **West Santa Ana Branch Transit Corridor (Eco-Rapid Transit Project) Creating Sustainable Transit Oriented Communities**

Measure R includes the West Santa Ana Branch (Eco-Rapid Transit) Transit Corridor. This project runs 20 miles from the City of Artesia in Southeast Los Angeles County and continues through the cities of Artesia, Bell, Bellflower, Bell Gardens, Cudahy, Downey, Huntington Park, Los Angeles, Maywood, Paramount, South Gate, and Vernon.

The cities along this alignment are committed to supporting the implementation of this corridor and have come together in the Eco-Rapid Transit Joint Powers Authority whose mission is to pursue the development of an environmentally friendly energy efficient addition to the Los Angeles County transit system.

This addition to the LA County transit system will enhance and increase transportation options for the residents of the member cities, provide access to employment in other parts of the County and improve the quality of life for all area residents including those cities that have been designated "Disadvantaged Communities by the CalEPA EnviroScreen (SB 535 - De Leon Chapter 830, Statue of 2012).

The Los Angeles County Metropolitan Transportation Authority (MTA) is undertaking environmental studies in preparation for their development of the West Santa Ana Branch transit corridor.

Eco-Rapid Transit JPA, building on the Los Angeles County Economic Development Strategy and the Eco-Rapid Design Guidelines, is desirous of working directly with the communities along the corridor to develop a consistent set of development standards, practices, and sustainability objectives to encourage and incentivize new transit oriented developments throughout the West Santa Ana Branch transit corridor. This work will improve the ability of corridor jurisdictions to attract other funding to carry out identified public infrastructure improvements.

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Eco-Rapid Transit will manage the preparation of local development plans and policies to incorporate specific Sustainable Development targets including an evaluation of existing systems-electric, water, storm water, sewage, fiber (data) to identify opportunities to modify existing facilities to create state-of-the-art infrastructure that addressed the needs of these Environmental Justice areas. Additionally, the project will identify opportunities in existing transport facilities to identify changes within the corridor that could support increased mode share shifts from vehicles to transit, enhance active transportation opportunities, improve first and last mile connections and related design changes in housing, economic development, parking that better supports achieving the sustainability targets.

APPROVE **Motion by Knabe, DuBois, Garcetti and Solis** that:

- A. The CEO return to the Board of Directors within 60 days with a budget (not to exceed \$18 million), scope of work, potential funding sources and community engagement strategy Measure R funds in the amount of \$18 million be allocated for the purpose of pursuing Transit Oriented Communities (TOC) predevelopment and planning activities, in coordination with the City and County of Los Angeles as well as the Eco-Rapid Transit and Gateway Cities Council of Governments, for the West Santa Ana Branch Project. alignment and communities; and
- B. ~~Metro Staff work with the Gateway Cities Council of Governments or the Eco-Rapid Transit JPA to implement this program.~~

## Metro

Los Angeles County  
Metropolitan Transportation  
Authority  
One Gateway Plaza  
3rd Floor Board Room  
Los Angeles, CA



## Board Report

File #:2016-0571, File Type:Contract

Agenda Number:12.

**PLANNING AND PROGRAMMING COMMITTEE  
SEPTEMBER 14, 2016**

**SUBJECT: WEST SANTA ANA BRANCH TRANSIT CORRIDOR**

**ACTION: AWARD PROFESSIONAL SERVICES CONTRACTS**

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer (CEO) to:

- A. AWARD AND EXECUTE a four-year firm fixed price Contract No. AE5999300 to Parsons Brinckerhoff, Inc., inclusive of all options, in the amount of up to \$12,189,477 to complete the environmental clearance study for the **West Santa Ana Branch (WSAB) Transit Corridor**.
- B. APPROVE contract modification authority specific to Contract No. AE5999300 in the amount of \$1,828,422 (15%) due to the complexity of the environmental clearance study;
- C. AWARD AND EXECUTE a four-year firm fixed price Contract No. PS2492300 to Arellano Associates, LLC, inclusive of all options, in the amount of up to \$861,067 to perform the environmental clearance study community outreach for the WSAB Transit Corridor; and
- D. APPROVE entering into a four-year Funding Agreement (FA) with the Gateway Cities Council of Governments (COG), to be led by the Eco-Rapid Transit Joint Powers Authority (JPA) for WSAB Transit Corridor Third Party Administration to work with the 13 cities along the corridor for participation in the environmental clearance study, in an amount not-to-exceed \$700,000.

**ISSUE**

In February 2013, the Southern California Association of Governments (SCAG) approved the WSAB Alternative Analysis (AA) Study for the 40-mile corridor from the City of Santa Ana in Orange County to Los Angeles Union Station (LAUS). The approved SCAG AA Study eliminated from further consideration Bus Rapid Transit (BRT), Streetcar and low-speed MagLev, leaving Light Rail Transit (LRT) as the recommended mode. In September 2015, the Metro Board received the WSAB Transit Corridor Technical Refinement Study that focused on five specific challenges identified by the SCAG AA. The Los Angeles County portion of the WSAB Transit Corridor extends 20 miles from the City of Artesia to the LAUS. Attachment B shows the corridor's Study Area map. The WSAB Transit Corridor is ready to enter into the environmental clearance phase. Currently, the WSAB Transit Corridor is anticipated to be LRT.

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The base contract for both the environmental clearance study and community outreach contracts is to complete the Draft Environmental Impact Report (EIR) pursuant to California Environmental Quality Act (CEQA) requirements. These contracts also include two scenarios and options: Scenario 1, if Measure M passes on November 8<sup>th</sup>, Metro will seek FTA approval to complete the Environmental Impact Statement (EIS) pursuant to National Environmental Policy Act (NEPA) requirements concurrently with the EIR. Under Scenario 1, there are two options. Option 1 is to complete the Draft EIS concurrently with the Draft EIR with Option 2 being the completion of the Final EIR/EIS. The contract amount for this scenario for the environmental clearance study is \$10,621,708 and the contract for community outreach is \$646,035.24. If Measure M does not pass, Metro may pursue completing the NEPA as an option after completion of CEQA (Scenario 2). Under Scenario 2, there are three options. Option 1 is to complete the Final EIR. Option 2 is to complete the Draft EIS. Option 3 is to complete the Final EIS. The difference between Scenario 1 and 2 is that the CEQA and NEPA process can be done either concurrently or sequentially depending on the outcome of the Measure M. Board approval of the environmental clearance study and community outreach contracts is needed in order to proceed.

In February 2016, the Board directed that a budget (not to exceed \$18 million) be allocated for the purpose of pursuing Sustainable Transit-Oriented Communities (TOC) predevelopment and planning activities for the WSAB Transit Corridor. Staff is also requesting authorization to execute the not to exceed \$700,000 FA with the Gateway Cities COG for Third Party Administration work. This \$700,000 is part of the not to exceed \$18 million directed by the Board as the work on the environmental study will be affiliated with the predevelopment and planning activities for the WSAB Sustainable TOC corridor.

## **DISCUSSION**

### **Background**

The WSAB Transit Corridor is one of the 12 Measure R Transit Corridor projects with \$240 million earmarked for the project. The project is contained in Metro's 2009 Long Range Transportation Plan (LRTP) for a total of \$649 million, including Measure R dollars earmarked for the project, Proposition C 25% and savings from the I-5 South Construction Project (Measure R 20%). The Measure M Expenditure Plan being considered by voters on November 8<sup>th</sup> includes the project with a start date of Fiscal Year (FY) 2022.

The WSAB Transit Corridor stretches approximately 20 miles from the City of Artesia to LAUS, which uses eight miles of Metro-owned abandoned Pacific Electric Rail right-of-way (ROW) from the Los Angeles/Orange County border north to the City of Paramount. It extends 12 miles north of the City of Paramount to LAUS via a combination of local streets and privately owned rail ROW. Of these 12 miles, the route from the City of Huntington Park to LAUS is not yet determined and will be further evaluated in the environmental study (approximately six miles).

### **Environmental Study and Community Outreach Contracts**

The environmental study consultant will conduct the required technical analysis to environmentally clear the WSAB Transit Corridor, including the selection of a Locally Preferred Alternative (LPA).

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Community outreach activities will be conducted through a separate, but parallel contract. The outreach consultant will facilitate and implement the Community Participation Program required for the environmental clearance. Outreach will take into account the diverse communities within the study area, with outreach efforts conducted bilingually in both English and Spanish.

### Third Party Administration

The Third Party Administration FA will reimburse the Gateway Cities COG, Eco-Rapid Transit JPA and 13 participating corridor cities for their staff to review deliverables and participate in the environmental clearance study.

### **DETERMINATION OF SAFETY IMPACT**

These actions will not have any impact on the safety of our customers and/or employees.

### **FINANCIAL IMPACT**

The FY 2016-17 budget includes \$1,000,000 in Cost Center 4370, Project 460201 (WSAB Transit Corridor). Since these are multi-year contracts, the Cost Center Manager and Chief Planning Officer will be responsible for budgeting in future years.

### Impact to Budget

The funding for this project is from Measure R 35%. As these funds are earmarked for the WSAB Transit Corridor project, they are not eligible for Metro bus and rail capital and operating expenditures.

### **ALTERNATIVES CONSIDERED**

The Board could consider deferring initiation of the environmental phase until after the outcome of the November 8<sup>th</sup> election on Measure M is known or completing the environmental clearance study and outreach activities using in-house resources. Neither of these options is recommended as there are insufficient in-house resources to conduct a study of this magnitude. In addition, the recommended contractors have the technical expertise and qualifications to complete this work within the negotiated price.

### **NEXT STEPS**

Upon Board approval, staff will execute the contracts with Parsons Brinckerhoff, Inc. and Arellano Associates, LLC and initiate work. In addition, staff will execute the FA with the Gateway Cities COG for the Third Party Administration work.

### **ATTACHMENTS**

Attachment A-1 - Procurement Summary AE5999300

Attachment A-2 - Procurement Summary PS2492300

Attachment B - West Santa Ana Branch Transit Corridor Study Area Map



Attachment C-1 - DEOD Summary for A-1

Attachment C-2 - DEOD Summary for A-2

Prepared by: Teresa Wong, Senior Manager, (213) 922-2854  
Fanny Pan, Senior Director, (213) 922-3070  
David Mieger, Executive Officer, (213) 922-3050  
Renee Berlin, Senior Executive Officer, (213) 922-3035

Reviewed by: Therese McMillan, Chief Planning Officer, (213) 922-7077  
Debra Avila, Chief Vendor/Contract Management, (213) 418-3051

## PROCUREMENT SUMMARY

WEST SANTA ANA BRANCH TRANSIT CORRIDOR ENVIRONMENTAL  
STUDY/AE5999300

1.	<b>Contract Number:</b> AE5999300	
2.	<b>Recommended Vendor:</b> Parsons Brinckerhoff, Inc.	
3.	<b>Type of Procurement</b> (check one): <input type="checkbox"/> IFB <input type="checkbox"/> RFP <input checked="" type="checkbox"/> RFP-A&E <input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	<b>Procurement Dates:</b>	
	<b>A. Issued:</b> February 5, 2016	
	<b>B. Advertised/Publicized:</b> February 4, 2016	
	<b>C. Pre-Proposal Conference:</b> February 16, 2016	
	<b>D. Proposals Due:</b> March 14, 2016	
	<b>E. Pre-Qualification Completed:</b> September 9, 2016	
	<b>F. Conflict of Interest Form Submitted to Ethics:</b> July 14, 2016	
	<b>G. Protest Period End Date:</b> September 21, 2016	
5.	<b>Solicitations Picked up/Downloaded:</b> 84	<b>Proposals Received:</b> 3
6.	<b>Contract Administrator:</b> Sonja Gettel	<b>Telephone Number:</b> (213) 922-7558
7.	<b>Project Manager:</b> Fanny Pan	<b>Telephone Number:</b> (213) 922-3070

**A. Procurement Background**

This Board Action is to approve Contract No. AE5999300 issued to provide the services to environmentally clear the Metro West Santa Ana Branch (WSAB) Transit Corridor Project.

This acquisition is predicated on one of two scenarios that will take place after the vote for Measure M is tallied on November 8, 2016. Scenario 1 (inclusive of two options) is based on Measure M passing and will enable Metro to seek FTA approval to complete the Environmental Impact Statement (EIS) pursuant to National Environmental Policy Act (NEPA) requirements concurrently with the Environmental Impact Report (EIR). Scenario 2 (inclusive of three options) is based on Measure M not passing, which will require, should Metro choose as an alternative, pursuing completion of the EIS as an option; after completion of the EIR per California Environmental Quality Act (CEQA) requirements.

In summary, the difference between Scenario 1 and 2 is that the EIS will be performed either concurrently with the EIR (Scenario 1 inclusive of two options), or sequentially, after completion of the EIR (Scenario 2 inclusive of three options); hence, the difference in price.

Scenario 2 (\$12,189,477) is a higher cost than Scenario 1 (\$10,621,708). Should ballot Measure M pass, the price of this acquisition will automatically revert to the lower cost of Scenario 1.

This is an Architectural and Engineering (A&E) qualifications based Request for Proposals (RFP) issued in accordance with Metro's Acquisition Policy and the contract type is a firm fixed price. Price cannot be used as an evaluation factor pursuant to state and federal law. This RFP was issued with a Race Conscious Disadvantaged Business Enterprise (DBE) goal of 25%.

One amendment was issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on February 26, 2016, provided responses to questions received, documents related to the pre-proposal conference, the planholders list and extended the proposal due date to March 14, 2016.

A pre-proposal conference was held on February 16, 2016, attended by 26 participants representing 19 firms. There were 13 questions asked and responses were provided prior to the proposal due date.

A total of 84 firms downloaded the RFP and those firms were included on the planholders' list. A total of three proposals were received on March 14, 2016.

## **B. Evaluation of Proposals**

A Proposal Evaluation Team (PET) consisting of staff from Metro's Planning Department and Southern California Association of Governments (SCAG) was convened and conducted a comprehensive technical evaluation of the proposals received.

The proposals were evaluated based on the following evaluation criteria and weights:

- |  |     |
|--|-----|
| • Experience and Capabilities of the Firm                                  | 25% |
| • Experience and Capabilities of the Personnel                             | 30% |
| • Effectiveness of the Work Plan   | 15% |
| • Understanding of Work and Appropriateness of Approach for Implementation | 30% |

The evaluation criteria are appropriate and consistent with criteria developed for other, similar A&E procurements. Several factors were considered when developing the weights, giving the greatest importance to the experience and capabilities of the personnel and the understanding of work and appropriateness of approach for implementation.

During March 23, 2016 through April 28, 2016, the PET completed its independent evaluations of the three proposals received. All three proposals were determined to be within the competitive range and are listed below in alphabetical order:

1. AECOM Technical Services, Inc. (AECOM)
2. Hatch Mott MacDonald, LLC (HMM)
3. Parsons Brinckerhoff, Inc. (PB)

During the interviews on May 17, 2016, the firms' project manager and key team members had an opportunity to present each team's qualifications and respond to the PET's questions. In general, each team's presentation addressed the requirements of the RFP, experience with all aspects of the required tasks and stressed each firm's commitment to the success of the project. Also highlighted were coordination plans, significant challenges and solutions, team structure and flexibility, and the PM's experience with the subcontractors.

The final scoring, after interviews, determined PB to be the highest technically qualified firm.

#### **Qualifications Summary of Recommended Firm**

PB has extensive experience in environmental professional services. PB has prepared environmental documentation for virtually every LRT project in Los Angeles County and has led and completed environmental clearance studies for the Crenshaw/LAX Transit Corridor and the Westside Subway Extension (Measure R transit corridor projects), both of which are currently under construction. In addition, they are part of ConnectLA Joint Venture and are preparing the environmental document for the Airport Metro Connector, another Measure R transit project.

PB's subcontractor, Terry A. Hayes Associates (TAHA), will serve as the Environmental Lead bringing 42 years of experience to the project. TAHA has a record in developing strong documentation for projects that have achieved environmental clearance and are already constructed.

As part of PB's team, the Travel Demand Lead developed the travel forecasting model that Metro is currently using for its corridor studies and environmental documentation. She has completed more forecasts for Metro than any other contractor, with some of the most recent being the Westside Purple Line Extension, Regional Connector Transit Corridor, Airport Metro Connector and East San Fernando Valley Rapidway. Additionally, she has also been involved in the development, calibration and testing of demand models with the Los Angeles County Corridors Base Model 2009 for as one of her most recent examples.

The following is a summary of the PET evaluation scores:

1	FIRM	Average Score	Factor Weight	Weighted Average Score	Rank
2	<b>Parsons Brinckerhoff, Inc.</b>				
3	Experience and Capabilities of Firms on the Team	86.52	25.00%	21.63	
4	Experience and Capabilities of Personnel	80.00	30.00%	24.00	
5	Effectiveness of Management Plan	84.00	15.00%	12.60	
6	Understanding of Work and Appropriateness of Approach for Implementation	83.33	30.00%	25.00	
7	<b>Total</b>		<b>100.00%</b>	<b>83.23</b>	<b>1</b>
8	<b>AECOM Technical Services, Inc.</b>				
9	Experience and Capabilities of Firms on the Team	81.52	25.00%	20.38	
10	Experience and Capabilities of Personnel	75.00	30.00%	22.50	
11	Effectiveness of Management Plan	76.53	15.00%	11.48	
12	Understanding of Work and Appropriateness of Approach for Implementation	78.33	30.00%	23.50	
13	<b>Total</b>		<b>100.00%</b>	<b>77.86</b>	<b>2</b>
14	<b>Hatch Mott MacDonald</b>				
15	Experience and Capabilities of Firms on the Team	73.00	25.00%	18.25	
16	Experience and Capabilities of Personnel	72.50	30.00%	21.75	
17	Effectiveness of Management Plan	70.53	15.00%	10.58	
18	Understanding of Work and Appropriateness of Approach for Implementation	72.50	30.00%	21.75	
19	<b>Total</b>		<b>100.00%</b>	<b>72.33</b>	<b>3</b>

### C. Cost Analysis

The recommended price has been determined to be fair and reasonable based upon Metro's Management and Audit Services, an independent cost estimate (ICE), cost analysis, technical analysis, fact finding, and negotiations.

The difference between the ICE and the negotiated amount is, in part, due to a lower number of jurisdictions, stakeholders and third parties included in the ICE. In addition, minimum requirements were projected for (1) conceptual engineering and urban design and (2) environmental analysis and documentation. Metro's project manager and technical advisors reviewed PB's hours and determined the proposed level of effort was reasonable for the successful completion of the scope of work. In

comparison to the firm's original proposal, the negotiated amounts represent a savings of \$4,561,256 for Scenario 1 and \$4,178,540 for Scenario 2.

<b>Proposer Name</b>	<b>Scenario</b>	<b>Proposal Amount</b>	<b>Metro ICE</b>	<b>Negotiated Amount</b>
Parsons Brinckerhoff, Inc.	1	\$15,182,964	\$6,896,585	\$10,621,708
Parsons Brinckerhoff, Inc.	2	\$16,368,017	\$7,744,098	\$12,189,477

**D. Background on Recommended Contractor**

The recommended firm, Parsons Brinckerhoff, Inc. (PB), has been in business for 130 years. PB is one of the world's leading professional services consulting firms with expertise in environmental and engineering services, amongst others. They have been serving the Los Angeles region for four decades and their local office in downtown Los Angeles will be performing this work.

The proposed team is comprised of staff from PB and eleven subcontractors, nine of which are DBE certified. The PM has experience leading the preparation of environmental documents, bringing more than 20 years of transit experience within the Los Angeles metropolitan area. Her particular experience encompasses the management, planning, design and construction of major rail projects, including light, heavy and commuter rail systems, rail stations and rail yards.

## PROCUREMENT SUMMARY

### WEST SANTA ANA BRANCH TRANSIT CORRIDOR COMMUNITY OUTREACH PS2492300

1.	<b>Contract Number:</b> PS2492300	
2.	<b>Recommended Vendor:</b> Arellano Associates, LLC	
3.	<b>Type of Procurement (check one):</b> <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP <input type="checkbox"/> RFP-A&E <input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	<b>Procurement Dates:</b>	
	<b>A. Issued:</b> February 5, 2016	
	<b>B. Advertised/Publicized:</b> February 4, 2016	
	<b>C. Pre-Proposal/Pre-Bid Conference:</b> February 18, 2016	
	<b>D. Proposals/Bids Due:</b> March 7, 2016	
	<b>E. Pre-Qualification Completed:</b> June 20, 2016	
	<b>F. Conflict of Interest Form Submitted to Ethics:</b> March 7, 2016	
	<b>G. Protest Period End Date:</b> September 21, 2016	
5.	<b>Solicitations Picked up/Downloaded:</b>  45	<b>Bids/Proposals Received:</b>  4
6.	<b>Contract Administrator:</b> Lily Lopez	<b>Telephone Number:</b> (213) 922-4639
7.	<b>Project Manager:</b> Fanny Pan	<b>Telephone Number:</b> (213) 922-3070

#### **A. Procurement Background**

This Board Action is to approve Contract No. PS2492300 issued in support of the West Santa Ana Branch (WSAB) Transit Corridor Project to provide outreach to facilitate and implement a Community Participation Program for the environmental analysis and documentation.

This acquisition is predicated on one of two scenarios that will take place after the vote for Measure M is tallied on November 8, 2016. Scenario 1 (inclusive of two options) is based on Measure M passing and will enable Metro to seek FTA approval to complete the Environmental Impact Statement (EIS) pursuant to National Environmental Policy Act (NEPA) requirements concurrently with the Environmental Impact Report (EIR). Scenario 2 (inclusive of three options) is based on Measure M not passing, which will require, should Metro choose as an alternative, pursuing completion of the EIS as an option; after completion of the EIR per California Environmental Quality Act (CEQA) requirements. The RFP requested firms to provide pricing for each scenario.

In summary, the difference between Scenario 1 and 2 is that the EIS will be performed either concurrently with the EIR (Scenario 1 inclusive of two options), or sequentially, after the completion of the EIR (Scenario 2 inclusive of three options).

Scenario 2 (\$861,067) is a higher cost than Scenario 1 (\$646,035). Should ballot Measure M pass, the price of this acquisition will automatically revert to the lower cost of Scenario 1.

The RFP was issued in accordance with Metro's Acquisition Policy and the contract type is a firm fixed price. The RFP was issued under the Small Business Set-Aside Program and was open to Metro Certified Small Businesses only.

Two amendments were issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on February 25, 2016, provided responses to questions received and the pre-proposal conference related documents; and
- Amendment No. 2, issued on February 29, 2016, provided responses to questions received.

A pre-proposal conference was held on February 18, 2016, attended by 10 participants representing seven companies. There were seven questions asked and responses were released prior to the proposal due date.

A total of 45 firms downloaded the RFP and were included in the planholders' list. A total of four proposals were received on March 7, 2016.

## **B. Evaluation of Proposals**

The Proposal Evaluation Team (PET) consisting of staff from Metro's Community Relations and Planning departments and Southern California Association of Governments was convened and conducted a comprehensive technical evaluation of the proposals received.

The proposals were evaluated based on the following evaluation criteria and weights:

- |   |            |
|---|------------|
| • Experience of Team Skills   | 30 percent |
| • Experience and Capabilities of Key Personnel on the Contractor's Team   | 25 percent |
| • Understanding of Work and Appropriateness of Approach for Implementation and Effectiveness of Management Plan | 25 percent |
| • Cost Proposal   | 20 percent |

The evaluation criteria are appropriate and consistent with criteria developed for other, similar procurements for professional services. Several factors were considered when developing these weights, giving the greatest importance to experience of team skills.



The Diversity & Economic Opportunity Department (DEOD) reviewed the firms that submitted proposals in order to confirm their Metro Small Business Enterprise (SBE) certification status. All four proposals received were deemed eligible Metro SBE certified firms and are listed below in alphabetical order:

1. Arellano Associates, LLC (Arellano)
2. MBI Media
3. Saucedo Group
4. The Sierra Group

During the week of April 11, 2016, the PET completed its independent evaluation of the four proposals. The PET determined that two proposers were outside the competitive range and were not included for further consideration. The proposals did not demonstrate thorough understanding of the project, scenarios and options were not addressed, did not thoroughly address all statement of work requirements or demonstrate having the required experience on projects similar in scale.

The remaining two proposers determined to be within the competitive range are listed below in alphabetical order:

1. Arellano
2. The Sierra Group

On May 2, 2016, oral presentations were held with both firms within the competitive range. The project manager and key team members from each firm were invited to present their firm's respective qualifications and respond to the PET's questions. At the conclusion of the oral presentations, Arellano was determined to be the highest rated proposer for each Scenario.

### **Qualifications Summary of Firms Within the Competitive Range:**

#### **ARELLANO**

Arellano is a Metro-certified SBE firm with demonstrated outreach experience, including multiple Gateway Cities project. The firm also has outreach experience in EIR/S, Bicycle Master Plan, Capital Improvement Program, Feasibility Study, etc. Additionally, the firm has an understanding of Los Angeles County's diverse and multilingual stakeholders and transportation issues and demonstrated how the team would effectively coordinate with Metro, County of Los Angeles cities, elected offices, local residents and businesses and thoroughly explained how each scenario and options would be executed successfully.

#### **THE SIERRA GROUP**

The Sierra Group is a Metro-certified SBE firm with demonstrated outreach experience, including Metro projects, I-710 EIR/EIS (as a subcontractor), Purple Line EIR/EIS (as a subcontractor), and East San Fernando Valley. The firm has

experience with the environmental review process, outreach approaches, and project area and a good understanding of the diversity and outreach strategies needed for WSAB communities. The firm lacked a thorough understanding of the project, and the scenarios and options were not addressed in detail.

A summary of the PET scores for each scenario is provided below:

**Scenario 1 - Passage of Sales Tax Initiative**

<b>1</b>	<b>Firm</b>	<b>Average Score</b>	<b>Factor Weight</b>	<b>Weighted Average Score</b>	<b>Rank</b>
<b>2</b>	<b>Arellano</b>				
<b>3</b>	Experience of Team Skills	90.00	30.00%	27.00	
<b>4</b>	Experience and Capabilities of Key Personnel on the Contractor's Team	80.28	25.00%	20.07	
<b>5</b>	Understanding of Work and Appropriateness of Approach for Implementation and Effectiveness Of Management Plan	85.96	25.00%	21.49	
<b>6</b>	Cost Proposal	90.00	20.00%	18.00	
<b>7</b>	<b>Total</b>		<b>100.00%</b>	<b>86.56</b>	<b>1</b>
<b>8</b>	<b>The Sierra Group</b>				
<b>9</b>	Experience of Team Skills	76.80	30.00%	23.04	
<b>10</b>	Experience and Capabilities of Key Personnel on the Contractor's Team	76.36	25.00%	19.09	
<b>11</b>	Understanding of Work and Appropriateness of Approach for Implementation and Effectiveness Of Management Plan	70.32	25.00%	17.58	
<b>12</b>	Cost Proposal	100.00	20.00%	20.00	
<b>13</b>	<b>Total</b>		<b>100.00%</b>	<b>79.71</b>	<b>2</b>

## Scenario 2 - No Sales Tax Initiative

1	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
2	<b>Arellano</b>				
3	Experience of Team Skills	90.00	30.00%	27.00	
4	Experience and Capabilities of Key Personnel on the Contractor's Team	80.28	25.00%	20.07	
5	Understanding of Work and Appropriateness of Approach for Implementation and Effectiveness Of Management Plan	85.96	25.00%	21.49	
6	Cost Proposal	80.00	20.00%	16.00	
7	<b>Total</b>		<b>100.00%</b>	<b>84.56</b>	<b>1</b>
8	<b>The Sierra Group</b>				
9	Experience of Team Skills	76.80	30.00%	23.04	
10	Experience and Capabilities of Key Personnel on the Contractor's Team	76.36	25.00%	19.09	
11	Understanding of Work and Appropriateness of Approach for Implementation and Effectiveness Of Management Plan	70.32	25.00%	17.58	
12	Cost Proposal	100.00	20.00%	20.00	
13	<b>Total</b>		<b>100.00%</b>	<b>79.71</b>	<b>2</b>

### C. Cost Analysis

The recommended price for both scenarios has been determined to be fair and reasonable based upon Metro's Management and Audit Services Department audit findings, an independent cost estimate (ICE), a technical analysis, a cost analysis, fact finding, and negotiations. The negotiated amounts are a result of scope of work and level of effort clarifications.

The ICE included a higher range for labor and overhead rates. Metro staff successfully negotiated a cost savings of \$272,513 for Scenario 1 and \$305,351 for Scenario 2.

### Scenario 1 - Passage of Sales Tax Initiative

	Proposer Name	Proposal Amount	Metro ICE	Negotiated Amount
1.	Arellano	\$918,548	\$980,785	\$646,035
2.	The Sierra Group	\$834,178	\$980,785	N/A

**Scenario 2 - No Sales Tax Initiative**

	<b>Proposer Name</b>	<b>Proposal Amount</b>	<b>Metro ICE</b>	<b>Negotiated Amount</b>
1.	Arellano	\$1,166,418	\$1,475,561.40	\$861,067
2.	The Sierra Group	\$957,552	\$1,475,561.40	N/A

**D. Background on Recommended Contractor**

The recommended firm, Arellano, located in Chino Hills, California, has been in business since 1994. Arellano specializes in public outreach and communications that focuses on public infrastructure, transportation, and community planning programs throughout Southern California. Arellano is a certified Metro SBE, Minority-owned (MBE), Woman-owned (WBE) and Disadvantaged Business Enterprise (DBE). Arellano has experience working with similar projects and has performed satisfactorily on several Metro projects.

West Santa Ana Transit Corridor Study Area Map



**DEOD SUMMARY**  
**WEST SANTA ANA BRANCH TRANSIT CORRIDOR/AE5999300**

**A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) established a 25% Disadvantaged Business Enterprise (DBE) goal for this solicitation. Parsons Brinckerhoff (PB) proposed two Scenarios. PB exceeded the goal by making a 25.03% DBE commitment for Scenario 1, and a 26.12% DBE commitment for Scenario 2.

Scenario 1:

<b>SMALL BUSINESS GOAL</b>	<b>25% DBE</b>	<b>SMALL BUSINESS COMMITMENT</b>	<b>25.03% DBE</b>
	<b>DBE Subcontractors</b>	<b>Ethnicity</b>	<b>% Committed</b>
1.	BA Inc.	African American	1.66%
2.	CityWorks Design	Hispanic American	3.68%
3.	Connetics Transportation Group	Asian Pacific American	0.79%
4.	Epic Land Solutions	Caucasian Female	1.18%
5.	Geospatial Professional Services	Asian Pacific American	0.25%
6.	Lenax Construction	Caucasian Female	2.31%
7.	Terry A. Hayes Associates	African American	11.40%
8.	Translink Consulting	Hispanic American	3.76%
<b>Total Commitment</b>			<b>25.03%</b>

Scenario 2:

<b>SMALL BUSINESS GOAL</b>	<b>25% DBE</b>	<b>SMALL BUSINESS COMMITMENT</b>	<b>26.12% DBE</b>
	<b>DBE Subcontractors</b>	<b>Ethnicity</b>	<b>% Committed</b>
1.	BA Inc.	African American	1.45%
2.	CityWorks Design	Hispanic American	3.55%
3.	Connetics Transportation Group	Asian Pacific American	0.68%
4.	Epic Land Solutions	Caucasian Female	1.03%
5.	Geospatial Professional Services	Asian Pacific American	0.22%
6.	Lenax Construction	Caucasian Female	2.01%
7.	Terry A. Hayes Associates	African American	13.26%
8.	Translink Consulting	Hispanic American	3.92%
<b>Total Commitment</b>			<b>26.12%</b>

**B. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this contract.

**C. Prevailing Wage Applicability**

Prevailing wage is not applicable to contract.

**D. Living Wage Service Contractor Retention Policy Applicability**

The Living Wage and Service Contract Worker Retention Policy is not applicable to this contract.

## DEOD SUMMARY

WEST SANTA ANA BRANCH TRANSIT CORRIDOR COMMUNITY OUTREACH  
PS2492300**A. Small Business Participation**

Effective June 2, 2014, per Metro's Board-approved policy, competitive acquisitions with three or more Small Business Enterprise (SBE) certified firms within the specified North American Industry Classification System (NAICS) as identified for the project scope shall constitute a Small Business Set-Aside procurement. Accordingly, the Contract Administrator advanced the solicitation, including posting the solicitation on Metro's website, advertising, and notifying certified small businesses as identified by NAICS code(s) that this solicitation was open to **SBE Certified Small Businesses Only**.

Arellano Associates, LLC, an SBE Prime, is performing 100% of the work with its own workforce.

**SMALL BUSINESS SET-ASIDE**

	<b>SBE Prime Contractor</b>	<b>SBE % Committed</b>
1.	Arellano Associates, LLC (Prime)	100%
	<b>Total Commitment</b>	100%

**B. Living Wage and Service Contract Worker Retention Policy Applicability**

The Living Wage and Service Contract Worker Retention Policy is not applicable to this contract.

**C. Prevailing Wage Applicability**

Prevailing wage is not applicable to contract.

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this contract.



**Board Report**

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**File #:** 2021-0150, **File Type:** Policy**Agenda Number:** 15.

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**PLANNING AND PROGRAMMING COMMITTEE  
APRIL 14, 2021****SUBJECT: PROJECT PRIORITIES FOR NEXT NEW STARTS GRANTS****ACTION: APPROVE RECOMMENDATIONS****RECOMMENDATION**

CONSIDER:

1. APPROVING the West Santa Ana Branch (WSAB) Transit Corridor and Sepulveda Transit Corridor Projects as Metro's next priorities for pursuing New Starts grants from the Federal Transit Administration (FTA) Capital Investment Grants (CIG) Program;
2. APPROVING the East San Fernando Valley (ESFV) Transit Corridor Project as Metro's priority for pursuing a grant from the FTA Expedited Project Delivery (EPD) Pilot Program;
3. AUTHORIZING the Chief Executive Officer (CEO) or his designee to request from the FTA the entry into the Project Development Phase of the CIG Program for the WSAB Transit Corridor Project and the Sepulveda Transit Corridor Project, at the appropriate time, and to submit a grant application for the EPD Pilot Program for the ESFV Transit Corridor Project; and
4. AUTHORIZING staff to develop and implement targeted CIG/ EPD legislative and FTA engagement strategies that support securing grants for the three priority projects.

**ISSUE**

The Board of Directors last authorized the CEO to pursue New Starts grants for Metro capital projects in 2009. Following this directive, Metro secured a total of about \$4.4 billion in New Starts grants for the Regional Connector and Purple Line Extension projects. Metro also succeeded in receiving voter approval for Measure M and its Expenditure Plan, which assumes federal and other funding to implement major capital projects throughout Los Angeles County. While Measure M better positions Metro to compete for additional New Starts grants, the nationwide demand for this discretionary funding has increased significantly as evidenced by the FTA's project "pipeline". The FTA awards New Starts grants through the execution of Full Funding Grant Agreements (FFGAs) following a multiyear/ multistep process with evaluation criteria per federal law and FTA's guidance.

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Staff assessed the eligibility and competitiveness of the Board designated “pillar” and ESFV projects taking into consideration this process and evaluation criteria. Approval of the staff recommendation will allow Metro to start the grant application process, including adding the proposed projects to the FTA’s CIG/ EPD “pipeline” and Annual Report on Funding Recommendations that it submits to Congress. It also allows staff to focus its legislative and FTA engagement strategies to support securing New Starts grants for the recommended projects through President Biden’s proposed \$2.3 trillion American Jobs Plan and legislation being considered by Congress for the reauthorization of the Fixing America’s Surface Transportation (FAST) Act that expires (unless extended) on September 30, 2021. Approval of the staff recommendation supports implementing Board directives to secure grants for Metro’s major capital projects, including prioritization for the “pillar” projects and other projects that may benefit from any additional federal funding that may be committed in support of the Los Angeles 2028 Olympic and Paralympic Games.

## **BACKGROUND**

Metro has about 40 years of New Starts success during which it secured about \$7 billion in grants that the FTA committed in FFGAs that were executed for several fixed-guideway projects throughout Los Angeles County: Metro B (Red) Line, Metro L (Gold) Line (Eastside Extension), Metro D (Purple) Line and Regional Connector. Of this total, the FTA allocated about \$3.9 billion during the 30-year period between Federal Fiscal Year (FFY) 1992 and FFY 2021. Metro’s maximum annual allocation was about \$430 million in FFY 2019 for four projects. Annual allocations will hold at about \$300 million until FFY 2026 and will gradually decrease to \$100 million in FFY 2030, which is the last allocation for the third section of the Purple Line Extension. The Regional Connector received its last allocation in FFY 2020. The first and second section of the Purple Line Extension are scheduled to receive their last allocations in FFY 2026 and FFY 2027, respectively. Overall, the FTA will complete the allocation of Metro’s New Starts balance of about \$2.0 billion during FFY 2022- FFY 2030.

Well before Metro’s New Starts allocations phase out, there is an opportunity to add new Metro projects to the FTA’s New Starts “pipeline”. Metro and Los Angeles County would also benefit from the support of President Biden’s Administration for transit investments, particularly those that reduce greenhouse gas emissions and provide access to opportunities for low-income, disadvantaged, and underserved communities. Metro must seize this opportunity by starting the New Starts grant application process for projects that best meet the federal statutory evaluation criteria and FTA’s Policy Guidance, including readiness and the availability and amount of non-federal funds that the Metro Board can commit for these projects. President Biden’s Administration, as well as a Congressional majority that is supportive of transit investments and friendly to Los Angeles County and California, can play a key role in supporting Metro implement the largest transportation expansion program in the country. This support may include funding dedicated for the projects from the American Jobs Plan that President Biden unveiled on March 31, 2021 for consideration for approval by Congress, including the long-term reauthorization of the FAST Act.

## **DISCUSSION**

The CIG Program is the largest among discretionary grant programs of the United States Department of Transportation (USDOT). It provides funding for fixed guideway investments, such as new and expanded rapid rail and corridor-based bus rapid transit (BRT) projects that emulate rail features.

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Under existing federal law (U.S. Code Section 5309), it funds projects that meet eligibility and other requirements under one of four categories that include New Starts, Core Capacity and Small Starts. New Starts projects are new or extensions to existing fixed guideway systems with a total estimated capital cost of \$300 million or more, or that are seeking not less than \$100 million Section 5309 grant. The maximum CIG share of New Starts projects is 60 percent of total eligible costs, with an overall maximum federal share from all sources of 80 percent.

As currently authorized by the FAST Act, the FTA's EPD Program aims to expedite the delivery of New Starts, Core Capacity and Small Starts projects. To be eligible for an EPD grant, projects must: i) utilize public-private partnerships (P3); ii) be operated and maintained by employees of an existing public transportation provider; and iii) have an overall federal funding share not exceeding 25 percent of the total capital project cost. The EPD Program seeks to increase innovation, improve the efficiency and timeliness of project delivery and implementation, and encourage new revenue streams such as those from private financing or the implementation of "value capture" techniques.

Attachment A provides a detailed overview of the CIG and EPD programs. This includes the grant application and evaluation process for both New Starts and EPD.

#### Demand for New Starts and EPD Grants within the FTA's Current Project Pipeline

The demand for New Starts grants is the largest in terms of total funding committed in FFGAs, as well as requested for projects that are currently in the PD and PE phases. The demand for New Starts grants has increased in parallel with the growing demand for other grants from the CIG Program, therefore increasing the program's competitiveness. Overall, there are currently 55 projects in the FTA's CIG and EPD project "pipeline" (Attachment B), including Metro's 3 projects for the Purple Line Extension, that may result in up to \$20 billion in grant awards from these two programs. About \$16 billion (80 percent) from this total, regardless of the approval status of the project requests, is the current demand for New Starts grants. For comparison, Congress appropriated about \$13.8 billion in Section 5309 funds during the six-year period of the FAST Act (average of about \$2.3 billion/year). Therefore, it would take the equivalent of nine years of apportionments at current funding levels to fund all the projects that are currently in the FTA's project "pipeline".

#### New Starts and EPD Grants Prioritization Assessment

In February 2019, the Metro Board of Directors approved a motion that prioritized funding for four "pillar" fixed guideway projects: Gold Line Eastside Extension Phase 2, Green Line Extension to Torrance, Sepulveda Transit Corridor, and WSAB Transit Corridor. The following month staff provided an overview of the CIG Program to Board Offices. Based on the feedback received, an interdepartmental team of staff, including from Government Relations, Program Management, and Countywide Planning, engaged consulting firms late in 2019 to conduct a prioritization assessment of the "pillar" projects for New Starts and EPD grants following the FTA's evaluation criteria. The goals of the Prioritization Assessment were to: i) identify opportunities and constraints for securing New Starts and EPD grants from the FTA; ii) assess CIG New Starts rating results and implications for individual projects; iii) develop project specific recommendations for pursuing New Starts and EPD grants; and iv) develop recommendations on targeted New Starts/ EPD legislative and FTA engagement strategies to secure grants for the projects that are eligible and most competitive.

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In February 2020 staff held the first workshop to introduce the Board Offices to the goals, evaluation criteria, and assumptions of the Prioritization Assessment for the “pillar” projects. However, the assessment had to be paused due to the coronavirus pandemic and stay-at-home order. Also, due to the complexity and importance of this assessment, in December 2020 staff initiated a series of three workshops to allow opportunity for questions and receive feedback from Board Offices. Staff also expanded the scope of the Prioritization Assessment to include the ESFV Transit Corridor Project with specific consideration of the project as a candidate for the EPD program. Attachment C summarizes the topics of the three workshops and provides a link to access all three workshop presentations.

### Results of the Prioritization Assessment

*WSAB Transit Corridor Project:* The results of the Prioritization Assessment (Attachment D) identified this project as being the first candidate among the “pillar” projects for a New Starts grant. This is due to its readiness status (including the fact that is already following the NEPA review process), likelihood of receiving a “medium” project justification rating from the FTA (based on a score within the upper end of the range that the FTA defines for this rating), and availability of Measure M funds for construction that supports achieving a “medium” local financial commitment rating from the FTA. It is anticipated that the project would likely receive an overall rating of “medium”, therefore meeting current federal statutory requirements.

*Sepulveda Transit Corridor:* The results of the Prioritization Assessment identified this project as being the second candidate among the “pillar” projects for a New Starts grant. This is also due to its readiness status (including the fact that is already following the NEPA review process), likelihood of receiving a “medium-high” project justification rating from the FTA (based on a score within the lower end of the range that the FTA defines for this rating), and availability of Measure M funds for construction that supports achieving a “medium” local financial commitment rating from the FTA. It is anticipated that the project would likely receive an overall rating of “medium-high”, therefore exceeding the minimum rating of “medium” that current federal law requires. This project is proposed to be second in the timeline for seeking New Starts grants taking also into consideration that the Board of Directors approved last month the award of two contracts according to which the potential private project developers would participate in early project definition and design, in partnership with Metro. Under these pre-development agreements (PDAs), the contractors will provide technical work products that support the ongoing development of the project as it progresses through the environmental review and approval processes.

*Other “Pillar” Projects:* The results of the Prioritization Assessment did not recommend the other two “pillar” projects for pursuing New Starts grants through the CIG Program. Although both projects would get a “medium” project justification rating, the score each received was within the lower end of the range that the FTA defines for this rating. Therefore, there is a potential risk for not meeting the statutory requirement of a minimum “medium” overall project rating and the FTA’s requirement of a minimum “medium” project justification rating. Not meeting these project ratings would make the projects ineligible for New Starts grants. Also, neither the Gold Line Eastside Transit Corridor Phase 2 Project nor the Green Line Extension to Torrance Project are currently following the NEPA review process.

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Satisfying NEPA and other related federal requirements is needed to secure the FTA's approval of a Record of Decision (ROD) for either project, therefore making it eligible to seek and receive financial assistance from the FTA (including New Starts grants). However, "federalizing" one or both projects would result in schedule delays and cost increases, not only due to compliance with NEPA requirements, but also due to compliance with Buy America and other federal requirements. Regarding the availability of Measure M funds for construction, which is considered to assess achieving a "medium" local financial commitment rating from the FTA, such funds would not be available until 2025 for the Green Line Extension to Torrance Project and 2029 for the Gold Line Eastside Transit Corridor Phase 2 Project (compared to 2021 and 2024 for the WSAB and Sepulveda Transit Corridor projects, respectively). This adds to the risk of not meeting eligibility for New Starts grants. While staff is not recommending these two "pillar" projects for New Starts, staff will continue to follow a parallel approach as applicable to pursuing formulaic and competitive grants from the State of California building on the success that has already been achieved, such as the grant award of \$231.3 million to the Green Line Extension to Torrance Project from the State's Transit and Intercity Capital Rail (TIRCP) Program.

*ESFV Transit Corridor Project:* Although staff did not intend for this project to compete with "pillar" projects for a New Starts grant, it was also rated following the same process to assess its eligibility and competitiveness. Although this project would get a "medium" project justification rating, the score it received was within the lower end of the range that the FTA defines for this rating. Therefore, there is a potential risk for not meeting the statutory requirement of a minimum "medium" overall project rating and the FTA's requirement of a minimum "medium" project justification rating. Not meeting these project ratings would make the project ineligible for New Starts grants, although it would rate very well for other criteria due to its readiness (well ahead of all projects that were evaluated) and the availability of Measure M funds for construction. Due to these last two criteria, as well as meeting other evaluation criteria, this project was identified as a potential candidate for an EPD grant. An EPD grant request for this project would not be competing with New Starts grant requests for the WSAB and Sepulveda Transit Corridor projects as Congress authorizes, appropriates, and allocates funds for EPD separately from New Starts.

### Timing and Need for Action

Metro's success in securing four FFGAs for about \$4.4 billion in New Starts grants during the last decade was largely due to funding needs, project readiness and timely actions that the Board of Directors approved. These actions better positioned the Regional Connector and Purple Line Extension projects to compete for the limited CIG funding that was available. These actions included the selection of the locally preferred alternative (LPA) for each one of these two projects, authorization to the CEO to pursue New Starts grants, and directives for agency-wide coordination and proactive engagement with the FTA, elected officials and other project stakeholders (including cities, County of Los Angeles and community based organizations). The Board of Directors also supported pursuing an aggressive and coordinated approach to maximize the grant requests and awards, including proposing and supporting legislative and regulatory changes related to the eligibility, evaluation and award of New Starts grants that coincided with the reauthorization of the federal transportation bill at that time. With the pending reauthorization of the FAST Act, there are very strong similarities in the timing and need for action now to support securing New Starts grants. The EPD Program could also be part of Metro's continued success story for securing FTA grants.

### Equity Platform

The projects recommended for pursuing New Starts and EPD grants support the third pillar (“Focus and Deliver”) of Metro’s Equity Platform. These projects support providing access to jobs, education, and other opportunities for underserved communities. They are also included in the Measure M Expenditure Plan, which considered equity related factors among the five performance measures that were developed to assess and prioritize projects. Specifically, the “Economy” and “Sustainability/Quality of Life” themes included metrics relevant to investments in disadvantaged communities.

### **DETERMINATION OF SAFETY IMPACT**

Approval of this item will have no direct impact on the safety of Metro customers or employees.

### **FINANCIAL IMPACT**

Adoption of the staff recommendation would support the agency’s efforts to secure several billion dollars in Federal New Starts and EPD grants for the WSAB, Sepulveda and ESFV Transit Corridor projects.

### Impact to Budget

This item has no impact to the current budget.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The positioning of the recommended priority projects for New Starts and EPD grants will help Metro secure federal funding needed to implement key projects that help achieving all of the goals outlined in the Vision 2028 Plan.

### **ALTERNATIVES CONSIDERED**

The Board may choose not to approve the recommendation, or only approve some of the items it includes. Staff does not recommend either option, as doing so will preclude achieving the Board’s directive to prioritize “pillar” and other projects that may benefit from any additional federal funding that may be committed in support of the Los Angeles 2028 Olympic and Paralympic Games.

The Board may also choose to recommend additional projects, and/or replace one or more of the projects identified in the recommendation, for pursuing New Starts and/or EPD grants. Staff also does not recommend either option. The other two “pillar” projects that are excluded from the recommendation are not as competitive and may not meet federal eligibility statutory requirements. Also, among non “pillar” projects in the Measure M Expenditure Plan, the ESFV Transit Corridor Project is the most competitive for an EPD grant due to its readiness, immediate availability of Measure M funds for construction, and potential for near-term implementation of value capture strategies.

## **NEXT STEPS**

Upon approval of the report, Metro staff will continue this interdepartmental effort with actions to develop, refine, and implement targeted CIG/ EPD legislative and FTA engagement strategies that support securing grants for the two “pillar” projects and the ESFV Transit Corridor Project included in the recommendation. By focusing on a limited number of regional priority projects that also have the most technical merit for receiving New Starts awards following the FTA’s grant application process and evaluation criteria, staff will identify opportunities for supporting other pillars of success that were identified through the Prioritization Assessment as applicable to Metro’s success in the CIG Program to date. These include demonstrated project readiness and technical capacity and capability, as well as early actions to add the projects to the FTA’s project “pipeline”, now more than ever as it currently includes 55 projects. As applicable to the EPD Program, and given that the FTA has only recently begun its implementation, staff will seek to relax existing federal statutory and regulatory limitations to provide greater flexibility to Metro to benefit from it, including increasing the current 25 percent maximum permissible overall federal share of the total project cost.

In Summer 2021 staff will submit a request from the FTA for entry into the Project Development Phase of the CIG Program for the WSAB Transit Corridor Project. Staff will continue to follow a parallel approach for the other two “pillar” projects as applicable to pursuing formulaic and competitive grants from the State of California building on the success that has already been achieved, such as the grant award of \$231.3 million to the Green Line Extension to Torrance Project from the Transit and Intercity Capital Rail (TIRCP) Program. Last, staff will initiate a Prioritization Assessment for Small Starts Grants focused on BRT and other eligible projects listed in the Measure M Expenditure Plan.

## **ATTACHMENTS**

Attachment A - Overview of CIG and EPD Programs

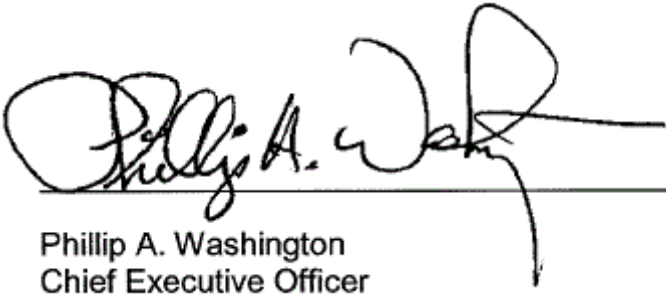
Attachment B - Overview of CIG/EPD Project Pipeline of the FTA

Attachment C - Metro CIG/EPD Prioritization Assessment Workshops & Presentations

Attachment D - Results of Metro CIG/EPD Prioritization Assessment

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Phillip A. Washington  
Chief Executive Officer



## Overview of Capital Investment Grants and Expedited Project Delivery Programs

### Funding Process

Congress authorizes policies and annual funding for the Capital Investment Grants (CIG) and Expedited Project Delivery (EPD) programs through long-term legislation such as the current Fixing America's Surface Transportation (FAST) Act. For each Federal Fiscal Year (FFY), Congress appropriates the funding for the CIG and EPD programs from the General Fund. Congress also specifies how much is dedicated to each CIG project category and for the EPD Program. Following the approval by Congress of the Appropriations Act for each FFY and signature by the President of the United States to become law, the Federal Transit Administration (FTA) allocates the CIG and EPD funds to projects in the "pipeline" based on the Annual Report on Funding Recommendations that it submitted to Congress for the FFY and for any additional projects that met the requirements following the submittal of this document contingent on funding availability. The FTA can also allocate funds to projects in the pipeline prior to the execution of the grant agreements, including Full Funding Grant Agreement (FFGAs) for New Starts projects, contingent on meeting certain requirements.

As applicable to New Starts and EPD grants, the FFGAs detail the annual schedule of Federal funds (including the amount of the New Starts or EPD grant, as applicable), as well as the project sponsor's funding sources and corresponding amounts. Ultimately, Congress has the authority to determine the actual amount on New Starts grants that will be made available for each project in any given FFY through the Appropriations Act. Whether allocated directly by Congress or by the FTA, it takes several years for a project to receive all its New Starts or EPD grant allocations. Also, annual appropriations for the CIG and EPD programs can be higher or lower than what Congress authorized in the long-term legislation. For example, the FAST Act authorized about \$2.3 billion per year for the CIG and EPD programs. However, annual appropriations ranged between \$1.98 billion in FFY 2020 and \$2.64 billion in FFY 2018. Annual appropriations dedicated for New Starts projects ranged from \$1.17 billion in FFY 2021 to \$1.51 billion in FFY 2018. Overall, about 59 percent of the CIG funding was dedicated for New Starts projects.

### New Starts Grant Application and Evaluation Process

The FTA's application and approval process for securing New Starts grants is very competitive and takes several years to complete. It is a "rolling" solicitation, with reviews and approvals following a "first-come/first-served" process. An optimistic schedule assumes about five years. A more aggressive schedule assumes a minimum of four years. The process and evaluation criteria are set by Congress and codified in Federal law. The FTA administers the process, evaluates potential projects, and makes funding recommendations to Congress as detailed in its Policy Guidance for the CIG Program.

The New Starts grant application process includes the project sponsor's sequential request and the FTA's sequential approval for entry into the Project Development (PD)

Phase and the Project Engineering (PE) Phase, respectively, prior to the execution of the FFGA (the third and last step of the New Starts grant pre-award process). Existing Federal law allows project sponsors a maximum of two years from receiving approval for entry into the PD Phase to receiving approval for entry into the PE Phase. The FTA evaluates and rates projects during these two phases based on its Policy Guidance that implements Federal statutory justification and local financial commitment criteria. The FAST Act requires the FTA to evaluate a project as a whole on a 5-point scale and rate it based on the combined summary ratings for project justification and local financial commitment as high, medium-high, medium, medium-low, or low. These two sets of criteria have the same weight (i.e., 50% each) in a project's overall rating. The project justification criteria consist of mobility improvements, environmental benefits, congestion relief, economic development effects, land use, and cost-effectiveness. The FTA assigns the same weight to each one of these six criteria. The local financial commitment criteria consist of the project sponsor's current capital and operating conditions, its commitment of funds (including share of New Starts grant requested) for the project, and its capacity/reliability to deliver the proposed plan (including financial and planning assumptions, among other). The weights that the FTA assigns to these criteria are 25%, 25% and 50%, respectively.

#### New Starts Grant Eligibility Requirements

Per the FAST Act, a project must receive at least a medium overall rating to be eligible for entry into the Engineering Phase and execution of the FFGA. To comply with this requirement, the FTA combines the project justification and local financial commitment ratings it estimated to arrive at an overall project rating. The FTA further requires at least a medium rating on both project justification and local financial commitment to obtain a medium or better overall project rating. The project's overall rating is among several factors the FTA considers in its evaluation of New Starts grant requests. Other factors include the availability of CIG program funds and considerations related to project readiness during the PD and PE phases. For example, project sponsors during the PD Phase must: i) commit at least 30 percent of the total project cost from sources other than the CIG Program; ii) complete at least 30 percent design and engineering; and iii) identify the delivery method. Similarly, project sponsors during the PE Phase must: i) commit at least 50 percent of the total project cost from sources other than the CIG Program within three years of entry into this phase; ii) complete sufficient design and engineering, within three years of entry into this phase, to develop firm and reliable project cost, scope and budget; and iii) obtain all funding commitments from sources other than the CIG Program. The FTA "locks-in" the amount of the New Starts grant for the project, not the share from the overall project cost, at the level included in the project sponsor's request for entry into the PE Phase. Project sponsors must demonstrate sufficient progress during the PE Phase to remain in the FTA's project "pipeline". The FTA withdraws a project from further consideration for a New Starts grant if the sponsor agency does not make sufficient progress in obtaining funding commitments or advancing the level of design within three years of entry into the PE Phase.

## EPD Grant Application and Evaluation Process

The FAST Act repealed the original program that the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) had authorized in 2012, including grant application and evaluation process. As currently authorized by the FAST Act, and as implied by its name, the FTA's EPD Program aims to expedite the delivery of New Starts, Core Capacity and Small Starts projects. The FAST Act (as in MAP-21) specifies a maximum of 8 EPD grant awards nationwide. The Federal authorization, appropriations and allocations processes are as detailed for the CIG Program. However, the funding that Congress has dedicated so far is much less with a total of \$225 M during the six-year period of the FAST Act. Annual appropriations range between \$5 M in FFY 2016 and \$100 M in FFY 2020, which correspond to the minimum and maximum annual allocations, respectively. The FTA has so far allocated \$125 M to the Santa Clara Valley Transportation Authority (VTA) for the Bay Area Rapid Transit (BART) Silicon Valley Phase II Extension Project. The balance of \$100 M in appropriated funds remains to be allocated.

The FTA's application and approval process for securing EPD grants is complex and competitive. As with the CIG Program, it is also a "rolling" solicitation, with reviews and approvals following a "first-come/first-served" process. The grant applications process and evaluation criteria are set by Congress and codified in Federal law. The FTA administers the process, evaluates potential projects, and suggests funding awards in its Annual Report on Funding Recommendations to Congress.

## EPD Grant Eligibility Requirements

The FTA does not have Policy Guidelines for the EPD Program as for the CIG Program. Instead, it has so far communicated its guidelines through: i) notices it published in 2015 and 2018 soliciting Expressions of Interest (EOI) from project sponsors to participate in the EPD Program; and ii) a Notice of Funding Opportunity (NOFO) published in July 2020 requesting grant applications for the balance of \$100 M of appropriated funds that remains to be allocated. Although not specified in Federal law, the FTA listed additional project eligibility requirements in this NOFO for sponsor agencies to qualify for submitting EPD grant applications, including: i) completion of planning and other activities required under the National Environmental Policy Act (NEPA); ii) completion of at least 30 percent project design and engineering; and iii) execution of all "critical third-party agreements" that the applicant identifies and the FTA verifies during the application review process before construction or operations can begin, the absence of which may significantly change the proposed project's cost, scope and schedule. The FTA also required project sponsors to submit evidence of the P3 in their grant applications. It defined P3 as a "contractual agreement that is characterized by private sector investment and risk-sharing in the delivery, financing, and/or operation of a capital project" that also complies with the Federal statutory requirement to be operated and maintained by employees of an existing public transportation provider.

The transfer of risk from the public project sponsor agency to the private sector and the change in the FTA's status from majority to minority investor, due to the maximum Federal funding share (from all sources) of 25 percent of the proposed project's total cost, result in both challenges and opportunities. Although the intent of the EPD Program is to award grants following a very streamlined grant application and evaluation process, no project sponsor has executed a FFGA or any other agreement with the FTA. As also required by the CIG Program, the FTA cannot execute an EPD FFGA if the sponsor agency has not completed planning and other activities under NEPA. Compared to the CIG process, there are no PD or PE phases. Instead, the FAST Act requires the FTA to complete the review of grant requests that sponsor agencies submit for "project advancement" no later than 120 days after the date the Secretary of the United States Department of Transportation (USDOT) receives such requests and to either approve the grant request or provide a detailed explanation of the reasons for disapproval. In addition to the meeting eligibility requirements, the FAST Act requires the FTA to evaluate grant applications based on several factors, including: i) project justification (mobility and environmental improvements, congestion relief, economic development, and estimated ridership projections; and ii) degree of local financial commitment, including evidence of stable and dependable financing sources and cost-effective P3 strategies for project delivery. The FAST Act does not require the FTA to rate proposed projects, as required for the CIG Program or through any other methodology.

#### Metro's EPD Grant Application Related Experience

In September 2015, staff submitted EOI to the FTA in response to its solicitation for the Airport Metro Connector/ 96<sup>th</sup> Street Station and for Section 3 of the Purple Line Extension. Metro's EOI for Section 3 of the Purple Line Extension, which was among a total of eight EOI that project sponsors submitted nationwide, was well received by the FTA. However, the FAST Act repealed the law that authorized the EPD Program, which the FTA had used as reference in seeking EOI. In 2018, the FTA released another solicitation of EOI for participation in the EPD Program, now as authorized by the FAST Act. In November 2018, staff submitted EOI to the FTA in response to its solicitation for the WSAB, Sepulveda Pass and Vermont Transit Corridor projects. These three projects were proposed because they best met the criteria that the FTA outlined in its solicitation. These projects were among a total of seven EOI that project sponsors submitted nationwide. As shared with the Board of Directors in July 2019, staff discussed the design, development, and implementation of the EPD Program with staff from the FTA and the other three project sponsors that submitted EOI. The FTA announced its selection of Santa Clara VTA's BART Silicon Valley Phase II Extension Project as the first project to participate in the EPD Program with a grant request of about \$1.4 billion. The CEO followed staff engagement with the FTA with a letter to the FTA's Acting Administrator, as well as in person. Unfortunately, the project eligibility requirements that the FTA included in its July 2020 NOFO disqualified the WSAB and Sepulveda Pass Transit Corridor projects from further consideration due to the 25 percent cap on the Federal funding participation from all sources and project readiness.

## **Overview of Capital Investment Grants and Expedited Project Delivery Project Pipeline of the Federal Transit Administration**

Although the application and approval process of the Federal Transit Administration (FTA) for securing New Starts and other grants from the Capital Investment Grants (CIG) or Expedited Project Delivery (EPD) programs is very competitive and takes several years to complete, project sponsors nationwide continue to rely on these funding sources to complete the funding plans for their major capital fixed guideway projects. The demand for New Starts grants is the largest in terms of total funding committed in FFGAs, as well as requested for projects that are currently in the PD and PE phases. The demand for New Starts grants has increased in parallel with the growing demand for other grants from the CIG Program, therefore increasing the program's competitiveness. Regardless of its complexity, the CIG Program is very popular among project sponsors, as evidenced by the number of projects in the FTA's pipeline and the funding committed in grant agreements or requests pending approval.

There are currently 18 projects (14 New Starts and 4 Core Capacity) with approved Full Funding Grant Agreements (FFGAs) committing about \$6.2 billion in CIG funds beyond Federal Fiscal Year (FFY) 2021. Of this total, about \$4.9 billion are New Starts grants, including about \$2 billion for Metro. In addition, there are 2 New Starts projects in the PE Phase (in addition to 1 Core Capacity project) that would receive about \$0.8 billion beyond FFY 2021 contingent on the execution of the FFGAs. Also, there are 33 projects in the PD Phase (6 New Starts and 27 Small Starts) that could receive up to \$12 billion beyond FFY 2021 contingent on meeting at least a "minimum" overall project rating, among other criteria, and the execution of the grant agreements. About \$10 billion of this total is for New Starts projects. Also, the BART Silicon Valley Phase II Extension Project of the Santa Clara VTA may receive an EPD grant of about \$1.2 billion in addition to the \$125 million that the FTA has already allocated.

Overall, there are currently 55 projects in the FTA's CIG project pipeline, including Metro's 3 projects for the Purple Line Extension, that may result in up to \$20 billion in grants awards from the CIG Program. About \$16 billion (80 percent) from this total, regardless of the approval status of the project requests, is the current demand for New Starts grants. For comparison, Congress appropriated about \$13.8 billion in Section 5309 funds during the six-year period of the FAST Act (average of about \$2.3 billion). Therefore, it would take the equivalent of nine years of apportionments at current funding levels to fund all the projects that are currently in the FTA's project pipeline.

There are very strong similarities in the circumstances (e.g., Federal reauthorization, adoption of Long Range Transportation Plan, Federal stimulus funding for economic recovery, etc.) and need for action to support securing New Starts grants during the current decade compared to what led to Metro's success in securing New Starts grants for the Regional Connector and Purple Line Extension projects. However, the number of projects in the CIG "pipeline", particularly those seeking New Starts grants and the total of their grant requests, is much higher today compared to what led to Metro's success.

## **Metro CIG/ EPD Prioritization Assessment Workshops and Presentations**

Staff engaged late in 2019 the professional services of technical and legal consulting teams to conduct a prioritization assessment of the “pillar” and East San Fernando Valley (ESFV) Transit Corridor projects for New Starts grants from the Capital Investment Grants (CIG) Program and from the Expedited Project Delivery (EPD) Program following the evaluation criteria of the Federal Transit Administration (FTA) as applicable to each type of these grants. Staff, with support from the consulting team, organized four workshops for Board Offices to seek their timely feedback.

*February 2020 Workshop:* Introduced Board Offices to the goals, evaluation criteria, and assumptions of the New Starts Prioritization Assessment for the Pillar Projects. However, the assessment had to be paused due to the coronavirus pandemic and stay-at-home order. Also, three separate workshops were delivered to allow opportunity for questions and receive feedback from Board Offices.

*December 2020 Workshop:* Focused on the goals of New Starts Prioritization Assessment: i) identify opportunities and constraints for securing New Starts and EPD grants from the FTA; ii) assess CIG New Starts rating results and implications for individual projects; iii) develop project specific recommendations for pursuing New Starts and EPD grants; and iv) develop recommendations on targeted New Starts/ EPD legislative and FTA engagement strategies to secure grants from the FTA for the projects that are fund to be eligible and most competitive. Staff expanded the scope of the New Starts Assessment to include the ESFV Transit Corridor Project. This Workshop also provided an overview of the CIG and EPD programs, including grant application and evaluation processes and criteria. It also discussed in more detail the FTA’s current project “pipeline” and the pillars of success for securing New Starts grants based on lessons learned from Metro’s most recent experience with the Regional Connector and Purple Line Extension projects and from other projects nationwide.

*February 2021 Workshop:* Focused on the general and project-specific assumptions for the New Starts Prioritization Assessment relevant to the FTA’s project justification criteria. It also presented four scenarios for the evaluation of these criteria, including a sensitivity analysis that factors project cost increases based on recent bid trends. One scenario assumed a 20 percent higher cost that what was last reported to the Board of Directors (adjusted to 2020 \$). Another scenario assumed an additional 20 percent increase. The FTA’s local financial commitment criteria were also discussed, while identifying those with either a positive or negative impact in the project’s rating.

*March 2021 Workshop:* Identified the pillars of success for securing New Starts/ EPD grants, presented the project justification ratings for the “pillar” and ESFV Transit Corridor projects, assessed schedules for securing New Starts and/or EPD grants while also taking into consideration project readiness in meeting the FTA’s requirements, as well as the commitment and availability of non-federal funds. The presentations for the three CIG/ EPD Priority Assessment Workshops can be accessed [here](#).

**Results of Metro Capital Investment Grants/ Expedited Project Deliver Prioritization Assessment**

Project	Scenario A (Four Criteria without Costs)	Scenario B1 (Current Costs)*	Scenario B2 (20% Higher Costs than B1)	Scenario B3 (20% Higher Costs than B2)
<b>Sepulveda Transit Corridor</b>				
Lower Cost Range Alternative	Medium-High (4.3)	Medium-High (4.0)	Medium-High (3.7)	Medium-High (3.7)
Higher Cost Range Alternative	Medium-High (4.3)	Medium-High (3.8)	Medium-High (3.7)	Medium-High (3.7)
<b>West Santa Ana Branch Transit Corridor</b>				
7 <sup>th</sup> /Metro-Pioneer	Medium-High (3.8)	Medium (3.3)	Medium (3.2)	Medium (3.2)
Union Station-Pioneer	Medium-High (3.5)	Medium (3.2)	Medium (3.2)	Medium (3.0)
<b>Eastside Transit Corridor Phase 2</b>				
Atlantic-Lambert	Medium (3.3)	Medium (2.7)	Medium (2.7)	Medium (2.7)
<b>Green Line Extension to Torrance</b>				
Green Line Extension to Torrance	Medium (2.8)	Medium (2.5)	Medium (2.5)	Medium (2.5)
<b>East San Fernando Valley</b>				
Van Nuys MOL Station-Sylmar/San Fernando Metrolink Station	Medium (3.0)	Medium (2.7)	Medium (2.7)	Medium (2.7)
* Last reported to the Board (adjusted to 2020 \$).				
<b>Low (0.0 - 1.4)</b>	<b>Medium-Low (1.5 - 2.4)</b>	<b>Medium (2.5 - 3.4)</b>	<b>Medium-High (3.5 - 4.4)</b>	<b>High (4.5 - 5.0)</b>





# Pillar & East San Fernando Valley Projects Priority Assessment for New Starts Grants

*Planning and Programming Committee*

*April 14, 2021*

*Item 15*



**Metro**



# Assessment Goals

- **Identify opportunities and constraints for New Starts grants from the Federal Transit Administration (FTA):**
  - Capital Investment Grants (CIG) Program
  - Expedited Project Delivery (EPD) for CIG Pilot Program
- **Assess CIG New Starts rating results and implications of individual projects**
- **Develop project specific recommendations for pursuing New Starts grants**
- **Develop recommendations on targeted CIG/EPD legislative and FTA engagement strategy**

# CIG Program Pillars of Success

- ✓ **Focus on a Limited Number of Projects**
- ✓ **Select Projects that are Eligible and Have the Most Merit**
  - Project Justification Criteria and Local Financial Commitment
  - System-wide financial capacity including operations and maintenance of Metro system
- ✓ **Demonstrate Readiness**
  - According to project development schedules and local financial commitment
- ✓ **Demonstrate Technical Capacity & Capability**
  - Reliable cost estimates and Project Management Plan (PMP)
- ✓ **Get Projects into the Pipeline**

# Project Justification Summary Ratings

Project	Scenario A (Four Criteria without Costs)	Scenario B1 (Current Costs)*	Scenario B2 (20% Higher Costs than B1)	Scenario B3 (20% Higher Costs than B2)
<b>Sepulveda Transit Corridor</b>				
Lower Cost Range Alternative	Medium-High (4.3)	Medium-High (4.0)	Medium-High (3.7)	Medium-High (3.7)
Higher Cost Range Alternative	Medium-High (4.3)	Medium-High (3.8)	Medium-High (3.7)	Medium-High (3.7)
<b>West Santa Ana Branch Transit Corridor</b>				
7 <sup>th</sup> /Metro-Pioneer	Medium-High (3.8)	Medium (3.3)	Medium (3.2)	Medium (3.2)
Union Station-Pioneer	Medium-High (3.5)	Medium (3.2)	Medium (3.2)	Medium (3.0)
<b>Eastside Transit Corridor Phase 2</b>				
Atlantic-Lambert	Medium (3.3)	Medium (2.7)	Medium (2.7)	Medium (2.7)
<b>Green Line Extension to Torrance</b>				
Green Line Extension to Torrance	Medium (2.8)	Medium (2.5)	Medium (2.5)	Medium (2.5)
<b>East San Fernando Valley</b>				
Van Nuys MOL Station-Sylmar/San Fernando Metrolink Station	Medium (3.0)	Medium (2.7)	Medium (2.7)	Medium (2.7)
* Last reported to the Board (adjusted to 2020 \$).				
<b>Low (0.0 - 1.4)</b>	<b>Medium-Low (1.5 - 2.4)</b>	<b>Medium (2.5 - 3.4)</b>	<b>Medium-High (3.5 - 4.4)</b>	<b>High (4.5 - 5.0)</b>

# Project Assessment Summary

CORRIDOR	30% Design*	NEPA or CEQA-Only	Measure M \$ Availability	FTA Project Justification Rating
West Santa Ana Branch	2022	NEPA	2022	Medium (3.0-3.3)
Sepulveda Transit Corridor	2025	NEPA	2024	Medium-High (3.7-4.0)
Green Line Extension to Torrance	2024	CEQA-Only	2026	Medium (2.5)
Eastside 2 LRT Extension	2024	CEQA-Only	2029	Medium (2.7)
East San Fernando Valley	2021	NEPA	2021	Medium (2.7)

\*Adding NEPA process will add time to schedule

CORRIDOR	Design Readiness Rank	Funding Availability Rank	Project Justification Rank	New Starts Priority Order
West Santa Ana Branch	1	1	2	1
Sepulveda Transit Corridor	4	2	1	2
Green Line Extension to Torrance	2	3	4	3
Eastside 2 LRT Extension	2	4	3	3
East San Fernando Valley	NA	NA	NA	NA

# Metro Board Recommendations and Next Steps

## **Project specific recommendations for pursuing New Starts grants**

- ✓ Approve WSAB and Sepulveda as Metro's next priorities for New Starts
- ✓ Approve ESFV as Metro's priority for EPD

## **Recommendations on targeted CIG/EPD legislative and FTA engagement strategy**

- ✓ Authorize staff to request entry into Project Development for WSAB and Sepulveda at the appropriate time
- ✓ Authorize staff to submit a grant application to EPD for ESFV
- ✓ Authorize staff to develop and implement targeted CIG/EPD legislative strategies

## **Next steps in parallel approach to State grants for Gold Line Eastside and Green Line to Torrance**





## Board Report

File #: 2021-0207, File Type: Program

Agenda Number: 16.

### PLANNING & PROGRAMMING COMMITTEE APRIL 14, 2021

#### **SUBJECT: CORONAVIRUS RESPONSE AND RELIEF SUPPLEMENTAL APPROPRIATIONS ACT HIGHWAY INFRASTRUCTURE PROGRAMS FUNDS**

**ACTION: APPROVE RECOMMENDATIONS**

#### **RECOMMENDATIONS**

##### CONSIDER:

1. APPROVING the programming of \$38.2 million in Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) Highway Infrastructure Programs (HIP) funds made available through the Regional Transportation Improvement Program (RTIP) of the State Transportation Improvement Program (STIP) to the East San Fernando Valley (ESFV) Transit Corridor Project as a revenue-neutral exchange of Proposition A 35% funds to be directly used on the Airport Metro Connector (AMC) 96<sup>th</sup> Street Station;
2. APPROVING the programming of \$47.6 million in CRRSAA HIP funds made available through the Caltrans Local Assistance Surface Transportation Block Grant Program (STBGP) to all 88 cities in and including the County of Los Angeles by percentage of the total county population as presented in Attachment A; and
3. APPROVING the ability for small cities to exchange CRRSAA STBGP funds with local funds under Metro's existing federal Surface Transportation Program - Local Exchange Program.

#### **ISSUE**

Enacted on December 27, 2020, the federal CRRSAA appropriates \$10 billion for the Federal Highway Administration (FHWA) to apportion to state departments of transportation. On January 15, 2021, the FHWA made the apportionments available. California's apportionment is \$911.8 million and is available until September 30, 2024. On March 24, 2021, the California Transportation Commission (CTC) adopted Resolution G-21-39, which specifies the use of California's \$911.8 million apportionment for "highway infrastructure programs". Under the STIP Regional Transportation Improvement Program shares, Los Angeles County is targeted to receive \$38.2 million. Under the STBGP shares, Los Angeles County is targeted to receive \$47.5 million. These funds must be programmed by Metro through the STIP and the Federal Transportation Improvement Program (FTIP) to enable Metro and local agencies incur expenditures for eligible transportation activities.

## **DISCUSSION**

Under the CRRSAA, the HIP funds may be used for a broad range of surface transportation purposes listed in Section 133(b) of Title 23 of the U.S. Code and are meant to “prevent, prepare for, and respond to coronavirus.” Specifically, the Act allows states to cover revenue losses, preventive and routine maintenance, operations, personnel (including salaries of employees or contractors), debt service and availability payments, as well as transfers to public tolling agencies and ferry systems that provide a public transportation benefit. The federal share of costs may be up to 100 percent. HIP funds cannot be used for bus and rail operations.

The CTC, as detailed in Resolution G-21-39, distributed California’s \$911.8 million apportionment from the CRRSAA for “highway infrastructure programs” as follows:

State Programs (60 Percent): \$547.1 million

- \$486.3 million: State Highway Operation and Protection Program (SHOPP)
- \$60.8 million: Interregional Transportation Improvement Program (ITIP)

Regional Programs (40 Percent): \$364.7 million

- \$182.4 million: RTIP
- \$182.4 million: STBGP

The ITIP and RTIP comprise 25 percent and 75 percent, respectively, of the STIP. A total of \$243.2 million in CRRSAA funds will be distributed through the STIP. Of the \$243.2 million, \$38.2 million is targeted for Los Angeles County through the RTIP. Of the \$182.4 million of CRRSAA funds distributed by population through the STBGP, \$47.5 million is targeted for Los Angeles County.

### **Use of Funds**

The CRRSAA Highway Infrastructure Programs provides the first and only federal COVID-19 response and relief funding made available to highway infrastructure activities after nearly a year of direct and significant impacts due to the pandemic on regional and local agencies across California that are responsible for the operations and maintenance of thousands of miles of federal-aid highways. As such, Metro staff is recommending to use the \$47.5 million in CRRSAA funds distributed by the CTC according to the STBGP as a way to support all of the local agencies across Los Angeles County to “prevent, prepare for, and respond to coronavirus” consistent with the intent of the federal act. Metro staff made efforts with the CTC to ensure that these funds would be administered through the Caltrans Local Assistance process specifically to ensure the most expedient and efficient way to get funding to local agencies across Los Angeles County.

Staff is also recommending using the balance of \$38.2 million in HIP funds from the CTC’s distribution through the STIP/RTIP to the AMC 96<sup>th</sup> Street Station. This station will be the ninth along the Crenshaw/LAX (C/LAX) Line and will connect directly with the Los Angeles World Airports (LAWA) Automated People Mover (APM). It will become the key multi-modal gateway to the Metro system from/to Los Angeles International Airport (LAX). With direct connections between Metro rail,

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bus and active transportation systems to the APM and LAX, this new transit station will provide a welcoming, secure and convenient connection to the transportation network.

As identified in the concurrent April 2021 board report (Legistar 2021-0114), establishing a life-of-project (LOP) budget for the AMC Project of about \$898.6 million will require additional regional sources of funding. The \$38.2 million in CRRSAA STIP/RTIP funds are critical to address the additional funding need to award the construction contract for the AMC. Due to the limitation in using federal funds directly on the project, however, staff is recommending that the \$38.2 million in CRRSAA STIP/RTIP funds be programmed to the ESFV Transit Corridor Project as a revenue-neutral exchange of Proposition A 35% funds to be directly used on the AMC Project.

### Equity Platform

The recommendation supports the third pillar of the Equity Platform ( "Focus and Deliver") by planning resources to strategically invest in high-quality mobility options for Los Angeles County, as well as to support all of the local agencies across Los Angeles County to "prevent, prepare for, and respond to coronavirus".

### **DETERMINATION OF SAFETY IMPACT**

Approval of this item will have no direct impact on the safety of Metro customers or employees.

### **FINANCIAL IMPACT**

Approval of the staff recommendation will support the establishment of a LOP budget for the AMC project for about \$898.6 million with \$38.2 million of required additional regional sources of funding. It will also provide \$47.5 million in CRRSAA STBGP funds to support all of the local agencies across Los Angeles County to "prevent, prepare for, and respond to coronavirus" consistent with the intent of the federal act.

### Impact to Budget

The proposed action will not have an impact to the FY21 budget. AMC is a multi-year project requiring expenditure in fiscal year increments with the adoption of the Board-authorized LOP budget. It will be the responsibility of the Project Manager and Chief Program Management Officer to budget for this in future fiscal years.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The grant funding awarded will help meet all of Metro's Vision 2028 goals, especially the first goal, which aims to deliver outstanding trip experiences for all users of the transportation system. Specifically, the AMC Project will provide a reliable, fast, and convenient connection for passengers traveling between LAX and the regional bus and rail transit system. By integrating with existing and future transit connections and airport facilities Metro hopes to increase public transit trips to and from LAX with minimal impact to airport facilities and surrounding communities and to help reduce air pollution.



## **ALTERNATIVES CONSIDERED**

The Board may choose not to program all \$38.2 million in CRRSAA STIP/RTIP funds for the ESFV Transit Corridor Project as a revenue-neutral exchange of Proposition A 35% funds to be directly used on the AMC Project. Staff does not recommend this option as the entire amount is needed to support the establishment of an LOP budget of about \$898.6 million for the AMC Project with regional funds. Furthermore, the CRRSAA RTIP funds will be distributed and administered as part of the STIP. The STIP has rigorous guidelines, a 60-day delay for an allocation vote, and lapsing provisions that would make the funds cumbersome for local jurisdictions to receive and draw down.

The Board may choose to not program all \$47.5 million in CRRSAA STBGP funds to the local jurisdictions of Los Angeles County. Staff does not recommend this option, as the local jurisdictions of Los Angeles County have incurred revenue shortfalls during the COVID-19 pandemic. It is in keeping with the intent of the legislation to distribute a share of the HIP funds at the local level, where agencies can provide relief within their jurisdiction.

## **NEXT STEPS**

April 23, 2021 - List of STIP/RTIP projects due to the CTC

May 12-13, 2021 - CTC staff recommends adoption of guidelines for Draft 2021 Mid-Cycle STIP and STBGP component

May 12-13, 2021 - New STIP/RTIP projects are presented to the CTC for Notice

June 23-24, 2021 - CTC adopts new STIP/RTIP projects (earliest date to allocate funds)

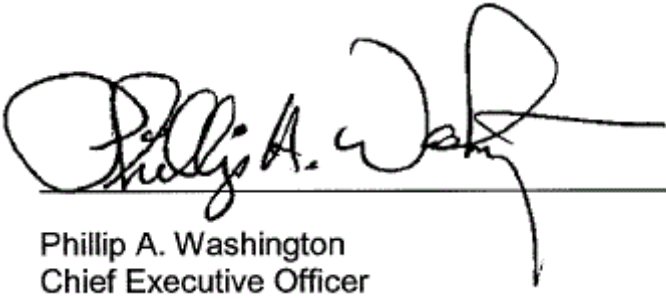
August 18-19, 2024 - Projects programmed with CRRSAA STIP/RTIP funds must receive an allocation, otherwise they will lapse.

## **ATTACHMENTS**

Attachment A - HIP Funding Distribution to Local Agencies in Los Angeles County

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Phillip A. Washington  
Chief Executive Officer

**CORONAVIRUS RESPONSE AND RELIEF SUPPLEMENTAL APPROPRIATIONS (CRRSA) ACT  
HIGHWAY INFRASTRUCTURE PROGRAMS  
FUNDING DISTRIBUTION TO LOCAL AGENCIES IN LOS ANGELES COUNTY**

Local Agency (City/ County of Los Angeles)	2019 Population <sup>1</sup>	2019 Population Share (%)	HIP Funding Share (\$)
Agoura Hills	20,622	0.202%	\$96,362
Alhambra	86,793	0.852%	\$405,564
Arcadia	57,262	0.562%	\$267,572
Artesia	16,534	0.162%	\$77,260
Avalon	3,939	0.039%	\$18,406
Azusa	49,537	0.486%	\$231,475
Baldwin Park	76,311	0.749%	\$356,584
Bell	36,510	0.358%	\$170,603
Bell Gardens	78,239	0.768%	\$365,593
Bellflower	42,579	0.418%	\$198,962
Beverly Hills	33,926	0.333%	\$158,528
Bradbury	1,056	0.010%	\$4,934
Burbank	105,496	1.036%	\$492,959
Calabasas	24,185	0.237%	\$113,011
Carson	93,153	0.915%	\$435,283
Cerritos	49,995	0.491%	\$233,615
Claremont	35,872	0.352%	\$167,622
Commerce	12,929	0.127%	\$60,414
Compton	98,206	0.964%	\$458,894
Covina	48,683	0.478%	\$227,485
Cudahy	24,227	0.238%	\$113,207
Culver City	39,493	0.388%	\$184,542
Diamond Bar	57,308	0.563%	\$267,787
Downey	113,863	1.118%	\$532,056
Duarte	21,681	0.213%	\$101,310
El Monte	116,563	1.145%	\$544,672
El Segundo	16,812	0.165%	\$78,559
Gardena	60,892	0.598%	\$284,534
Glendale	204,883	2.012%	\$957,372
Glendora	51,840	0.509%	\$242,237
Hawaiian Gardens	14,685	0.144%	\$68,620
Hawthorne	87,071	0.855%	\$406,863
Hermosa Beach	19,641	0.193%	\$91,778
Hidden Hills	1,862	0.018%	\$8,701
Huntington Park	59,642	0.586%	\$278,693
Industry	427	0.004%	\$1,995
Inglewood	112,345	1.103%	\$524,963
Irwindale	1,443	0.014%	\$6,743
La Canada Flintridge	20,497	0.201%	\$95,778
La Habra Heights	5,470	0.054%	\$25,560
La Mirada	49,007	0.481%	\$228,999
La Puente	40,532	0.398%	\$189,397
La Verne	33,289	0.327%	\$155,552
Lakewood	80,168	0.787%	\$374,607
Lancaster	161,505	1.586%	\$754,676
Lawndale	32,879	0.323%	\$153,636
Lomita	20,614	0.202%	\$96,325
Long Beach	472,802	4.642%	\$2,209,296
Los Angeles	4,013,170	39.405%	\$18,752,630
Lynwood	71,549	0.703%	\$334,332

**CORONAVIRUS RESPONSE AND RELIEF SUPPLEMENTAL APPROPRIATIONS (CRRSA) ACT  
HIGHWAY INFRASTRUCTURE PROGRAMS  
FUNDING DISTRIBUTION TO LOCAL AGENCIES IN LOS ANGELES COUNTY**

Local Agency (City/ County of Los Angeles)	2019 Population <sup>1</sup>	2019 Population Share (%)	HIP Funding Share (\$)
Malibu	11,784	0.116%	\$55,064
Manhattan Beach	35,419	0.348%	\$165,505
Maywood	27,988	0.275%	\$130,782
Monrovia	37,956	0.373%	\$177,360
Montebello	63,742	0.626%	\$297,852
Monterey Park	60,943	0.598%	\$284,773
Norwalk	105,881	1.040%	\$494,758
Palmdale	157,117	1.543%	\$734,172
Palos Verdes Estates	13,230	0.130%	\$61,821
Paramount	55,569	0.546%	\$259,661
Pasadena	144,686	1.421%	\$676,085
Pico Rivera	63,390	0.622%	\$296,207
Pomona	154,675	1.519%	\$722,761
Rancho Palos Verdes	41,838	0.411%	\$195,499
Redondo Beach	67,154	0.659%	\$313,795
Rolling Hills	1,880	0.018%	\$8,785
Rolling Hills Estates	8,035	0.079%	\$37,546
Rosemead	54,198	0.532%	\$253,255
San Dimas	34,042	0.334%	\$159,071
San Fernando	24,798	0.243%	\$115,875
San Gabriel	40,194	0.395%	\$187,817
San Marino	13,106	0.129%	\$61,241
Santa Clarita	221,703	2.177%	\$1,035,968
Santa Fe Springs	18,348	0.180%	\$85,736
Santa Monica	92,480	0.908%	\$432,138
Sierra Madre	10,843	0.106%	\$50,667
Signal Hill	11,744	0.115%	\$54,877
South El Monte	20,792	0.204%	\$97,156
South Gate	97,211	0.955%	\$454,245
South Pasadena	25,524	0.251%	\$119,268
Temple City	36,098	0.354%	\$168,678
Torrance	145,922	1.433%	\$681,860
Vernon	298	0.003%	\$1,392
Walnut	29,977	0.294%	\$140,076
West Covina	106,313	1.044%	\$496,776
West Hollywood	36,335	0.357%	\$169,785
Westlake Village	8,227	0.081%	\$38,443
Whittier	87,073	0.855%	\$406,872
County of Los Angeles	1,039,878	10.211%	\$4,859,113
<b>TOTAL</b>	<b>10,184,378</b>	<b>100.000%</b>	<b>\$47,589,281</b>

1. Population estimates from the State of California Department of Finance.



## Board Report

File #: 2020-0943, File Type: Contract

Agenda Number: 18.

### PLANNING AND PROGRAMMING COMMITTEE APRIL 14, 2021

**SUBJECT: STATE ROUTE (SR)-57/SR-60 INTERCHANGE IMPROVEMENTS**

**ACTION: APPROVE RECOMMENDATIONS**

#### **RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to:

1. Execute Contract Modification No. 2 to Contract No. AE51890001 in the amount of \$3,251,665.74 for the SR-57/SR-60 Interchange Improvements project (Project) with WKE Inc. to provide professional services, increasing the total contract value from \$25,155,706.72 to \$28,407,372.46;
2. AUTHORIZE programming an additional \$91 million in Measure M funds for the Project's Right-of-Way (ROW), mitigation of impacts to the Diamond Bar Golf Course (DBGC) and utility relocation; and
3. AUTHORIZE the CEO or his designee to negotiate and execute all necessary contract documents and agreements to implement the necessary pre-construction components of the Project.

#### **ISSUE**

At its December 2, 2020 meeting, the California Transportation Commission (CTC) awarded \$217.9 million in Trade Corridor Enhancement Program (TCEP) funds to the Project's construction phase. This award will allow Metro to start construction of the Project in summer 2022. Measure M funds for the construction phase of the Project are not available until Fiscal Year (FY) 2025.

The Project's Design Phase is expected to be completed by November 2021. In order to stay on schedule, programming of additional funds is needed for design and soil testing services to address additional scope required by others, and to advance ROW activities ahead of the construction phase.

A modification to the design services contract is needed to add scope for: 1) services for design support during construction; 2) design of architectural enhancements to retaining walls, soundwalls, Grand Avenue bridge barrier and fencing requested by the City of Diamond Bar; 3) additional soil

testing and pavement rehabilitation work within the Project site required by Caltrans Office of Environmental Engineering (OEE).

## **BACKGROUND**

SR-57 and SR-60 merge for a two-mile reach in the vicinity of the Cities of Diamond Bar and Industry. This location has the second highest truck-involved accidents in Southern California and ranked as the fourth most congested freight chokepoint in the nation by the American Transportation Research Institute in 2019. The proposed improvements to the SR-57/SR-60 Interchange include grade separation of the two roadways to improve safety, reduce accidents, and alleviate operational deficiencies.

The Project was listed in the Measure M Ordinance with anticipated construction start date of FY 2025.

The Project Environmental phase started in September 2009. Residents, agencies, and community-based organizations were engaged in the process. Organizations and agencies that participated in the process and contributed to the development of the environmental document included the City of Industry, City of Diamond Bar, County of Los Angeles Department of Parks and Recreation, County Sanitation District of Los Angeles County, Native American Heritage Commission, California Transportation Commission, South Coast Air Quality Management District, and the San Gabriel Valley Council of Governments.

Environmental document was approved in 2013.

In September 2018, Contract No. AE51890001 for Plans Specifications & Estimate (PS&E) services for the Project was awarded by the Board to WKE Inc.

In 2018, staff was successful in securing a TCEP grant totaling \$22 million for design and ROW phases of the project, which mandated acceleration of the project development process to fully utilize the grant funds. Design is now 90% complete.

In December 2020, the Project was awarded \$217.9 million in TCEP funds for the construction phase, which requires keeping the Project on schedule to fully utilize those funds. The strong support from local, regional, state, and federal agencies, as well as private sector partners was memorialized in the letters of support submitted in support of the grant application. Major supporters included American Trucking Association; California State Polytechnic University, Pomona; Cities of Claremont, Diamond Bar, Industry, San Dimas, and Walnut; Mobility 21; Port of Long Beach; Southern California Association of Governments; San Gabriel Valley Council of Governments; San Gabriel Valley Economic Partnership; Los Angeles County Supervisors Janice Hahn and Hilda Solis; and California Department of Transportation (Caltrans).

## **DISCUSSION**

The contract modification is needed to:

1. Include design services during construction in the scope of work. These services were not included in the original contract in 2018 because it was not known if construction would start prior to the Measure M FY 2025 anticipated construction date. With the success in securing construction grant funds from TCEP, the schedule can now be accelerated, and Board approval is needed for the inclusion of these professional services.
2. Cover the cost of design for architectural enhancements to the retaining walls, soundwalls, Grand Avenue bridge fencing and a lighted monument sign on Grand Avenue, as well as extended pavement repairs where borings in paved local streets are necessary for soil and groundwater sampling - all requested by the City of Diamond Bar.
3. Cover the cost for a significant amount of additional soil testing and reporting required by Caltrans' OEE to explore risks associated with Recognized Environmental Conditions (REC) within the Project site. The new testing requirements increased the number of test borings to 1,101 - 653 more than the original plan. Some of these borings are within the median of SR-60, which will require additional Traffic Control and closure of the High Occupancy Vehicle Lanes.

The Project's environmental document (approved in 2013) identified the need for acquisition of 9.4 acres from the DBGC, reducing the golf course from 171.3 acres to 161.9 acres, and the demolition of an existing maintenance facility. The Project's Environmental Commitment Record (ECR) included the reconfiguration of the DBGC to maintain 18 holes and not to adversely affect users' experience. A total of \$91 million is required to replace the 9.4 acres from the DBGC, mitigation of impacts to the DBGC and utility relocation activities within the Project area.

Board's approval of this request is necessary to ensure successful continuation of work.

### **DETERMINATION OF SAFETY IMPACT**

The SR-57/SR-60 Interchange Improvement scope, schedule, and budget will have no impact to the safety of Metro's patrons, employees or the general public.

### **FINANCIAL IMPACT**

Programming of \$94,251,665.74 for ROW and Modification No. 2 will be as follows: \$89,251,665.74 in Measure M funds - \$750K in FY21, \$51.8M in FY22, \$36.7M in FY23; TCEP funds - \$5M for ROW in FY22. These cash flow projections are based on assumptions as of February 2021, subject to advancement of Final Design and the overall schedule of the Project.

For FY21, \$9.7M has been budgeted in Highway Program Cost Centers 4720 and 0442, in SR-57/SR-60 Interchange Improvement Project 475002. Staff will work within the department's current budget to allocate funds for the ROW work needed during the current Fiscal Year.

Since this is a multiyear project, the Project Manager, the Cost Center Manager and the Senior Executive Officer of Program Management - Highway Program will continue to be responsible for budgeting costs in future fiscal years.

## Impact to Budget

The source of funds for this Project is Measure M (17%) Highway Funds and TCEP funds from SB1. These funds are not eligible for bus and rail operations or non-Highway capital project expenditures.

## **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The proposed Project is consistent with the following goals of the Metro Vision 2028 Strategic Plan:

Goal 1: Provide high-quality mobility options that enable people to spend less time traveling by alleviating the current operational deficiencies and improving mobility at the SR-57/SR-60 interchange.

Goal 4: Transform LA County through regional collaboration by partnering with the San Gabriel Valley Council of Governments (SGVCOG) and Caltrans to identify the needed improvements on State highways and take share responsibility of development and implementation of highway improvement projects.

## **ALTERNATIVES CONSIDERED**

The Board may elect not to approve the proposed contract modification. This option is not recommended. Completing the Project's design and ROW activities is necessary to advance the Project and fully utilize the TCEP grant funds. Board approval would allow the Project to move forward.

## **NEXT STEPS**

Upon approval by the Board, staff will execute Contract Modification No. 2 to Contract No. AE51890001 with WKE, Inc. and proceed with ROW, mitigation and utility relocation activities.

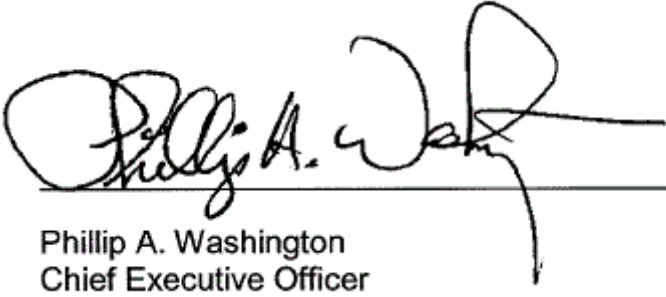
## **ATTACHMENTS**

- Attachment A - Procurement Summary
- Attachment B - Contract Modification/Change Order Log
- Attachment C - DEOD Summary
- Attachment D - Project map

Prepared by: Roberto Machuca, Sr. Director (213) 418-3467  
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Reviewed by: Debra Avila, Chief Vendor/Contract Management Officer,  
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Phillip A. Washington  
Chief Executive Officer

## PROCUREMENT SUMMARY

## SR-57/SR-60 INTERCHANGE IMPROVEMENTS PS&amp;E

1.	<b>Contract Number:</b> AE51890001		
2.	<b>Contractor:</b> WKE, Inc.		
3.	<b>Mod. Work Description:</b> Design Change to Provide Additional Engineering Design and Support Services During Construction		
4.	<b>Contract Work Description:</b> Plans, Specifications & Estimates (PS&E) for SR-57/SR-60 Interchange Improvements.		
5.	<b>The following data is current as of:</b> March 9, 2021		
6.	<b>Contract Completion Status</b>		<b>Financial Status</b>
	<b>Contract Awarded:</b>	09/27/2018	<b>Contract Award Amount:</b> \$21,771,625.00
	<b>Notice to Proceed (NTP):</b>	10/15/2018	<b>Total of Modifications Approved:</b> \$3,384,081.72
	<b>Original Complete Date:</b>	09/30/2021	<b>Pending Modifications (including this action):</b> \$3,251,665.74
	<b>Current Est. Complete Date:</b>	12/31/2026	<b>Current Contract Value (with this action):</b> \$28,407,372.46
7.	<b>Contract Administrator:</b> Mark Marukian		<b>Telephone Number:</b> (213) 418-3318
8.	<b>Project Manager:</b> Roberto Machuca		<b>Telephone Number:</b> (213) 418-3467

**A. Procurement Background**

This Board Action is to approve Contract Modification No. 2 issued in support of the Plans, Specification & Estimates (PS&E) for SR-57/SR-60 Interchange Improvements.

This Contract Modification will be processed in accordance with Metro's Acquisition Policy and the contract type is a firm fixed price.

On September 27, 2018, the Board awarded a 36-month, firm fixed price Contract No. AE51890001 to WKE, Inc., for Plans, Specifications and Estimate (PS&E) for SR-57/SR-60 Interchange Improvements in an amount of \$21,771,625. On October 16, 2019, the Board

approved Contract Modification No. 1 to WKE, Inc., for Plans, Specifications and Estimate (PS&E) for SR-57/SR-60 Interchange Improvements in an amount of \$ 3,384,081.72.

**B. Cost**

The recommended price has been determined to be fair and reasonable based upon a technical analysis, independent cost estimate (ICE), cost analysis, and fact finding of the work to be performed.

<b>Proposal Amount</b>	<b>Metro ICE</b>	<b>Negotiated Amount</b>
\$3,251,665.74	\$3,330,000	\$3,251,665.74

Refer to Attachment B – Contact Modification / Change Order Log for modifications issued to date.

**ATTACHMENT B**

**CONTRACT MODIFICATION/CHANGE ORDER LOG**

**SR-57/SR-60 INTERCHANGE IMPROVEMENTS PS&E**

<b>Mod. No.</b>	<b>Description</b>	<b>Status (approved or pending)</b>	<b>Date</b>	<b>\$ Amount</b>
1	A change in the Project Geometry and Design Services for Diamond Bar Golf Course mitigation reconstruction PS&E	Approved	10/16/19	\$3,384,081.72
2	Design Change to Provide Additional Engineering Design and Support Services During Construction	Pending	Pending	\$3,251,665.74
	Modification Total:			\$6,635,747.46
	Original Contract:		09/27/18	\$21,771,625.00
	Total:			\$28,407,372.46

## DEOD SUMMARY

**SR-57/SR-60 INTERCHANGE IMPROVEMENTS PS&E  
AE51890001**

**A. Small Business Participation**

WKE, Inc. made a 24.25% Small Business Enterprise (SBE) commitment and a 3.03% Disabled Veteran Business Enterprise (DVBE) commitment for this contract. According to payments, the project is 69% complete and WKE, Inc. is exceeding its SBE commitment with 26.09% participation, and is achieving 2.03% in DVBE participation, representing a slight shortfall in DVBE participation of 1%.

WKE, Inc. explained that portions of the scope of work required specialized engineering services which are not offered by the DVBE subconsultant on their team. WKE, Inc. has committed to allocate other work to the DVBE during construction of the project which starts in August 2022 to meet the DVBE goal and remains committed to utilizing all its subconsultants and to meeting its commitments on this contract.

The Project Manager and Contract Administrator will work in conjunction with DEOD to ensure that maximum SBE/DVBE participation is achieved by WKE, Inc. Accordingly, these teams have been provided access to Metro's web-based monitoring system to ensure that all parties are actively tracking Small Business progress.

<b>Small Business Commitment</b>	<b>24.25 SBE 3.03% DVBE</b>	<b>Small Business Participation</b>	<b>26.09% SBE 2.03% DVBE</b>
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	<b>SBE Subcontractors</b>	<b>% Committed</b>	<b>% Participation</b>
1.	2R Drilling Inc.	1.31%	2.10%
2.	A Cone Zone, Inc.	0.99%	0.84%
3.	ADVANTEC Consulting Engineers, Inc.	2.17%	2.77%
4.	Arellano Associates, LLC	0.49%	0.26%
5.	DC TRAFFIC CONTROL	0.18%	0.00%
6.	D'Leon Consulting Engineers Corp.	0.23%	0.05%
7.	Earth Mechanics, Inc.	4.62%	5.20%

8.	FRS Environmental, Inc.	0.06%	0.28%
9.	Galvin Preservation Associates Inc.	1.39%	3.62%
10.	Geo-Advantec, Inc.	1.22%	1.25%
11.	Impact Sciences, Inc.	0.18%	0.00%
12.	Kroner Environmental Services, Inc.	1.78%	1.28%
13.	LIN Consulting, Inc.	5.51%	2.40%
14.	Martini Drilling Corp.	0.22%	0.11%
15.	Performance Analytical Laboratories, Inc.	0.69%	0.19%
16.	Safeprobe, Inc.	0.41%	0.23%
17.	Tatsumi and Partners, Inc.	1.37%	1.28%
18.	V & A Inc.	0.16%	0.00%
19.	Wagner Engineering & Survey, Inc.	1.27%	1.68%
20.	CWE	Added	0.36%
21.	Guida Surveying Inc	Added	0.23%
22.	OPTITRANS Engineering, Inc.	Added	0.59%
23.	PacRim Engineering, Inc.	Added	1.38%
	<b>Total</b>	<b>24.25%</b>	<b>26.09%</b>

	<b>DVBE Subcontractors</b>	<b>% Committed</b>	<b>% Participation</b>
1.	Brentwood Reprographics	0.88%	0.12%
2.	MA Engineering	2.15%	1.91%
	<b>Total</b>	<b>3.03%</b>	<b>2.03%</b>

**B. Living Wage and Service Contract Worker Retention Policy Applicability**

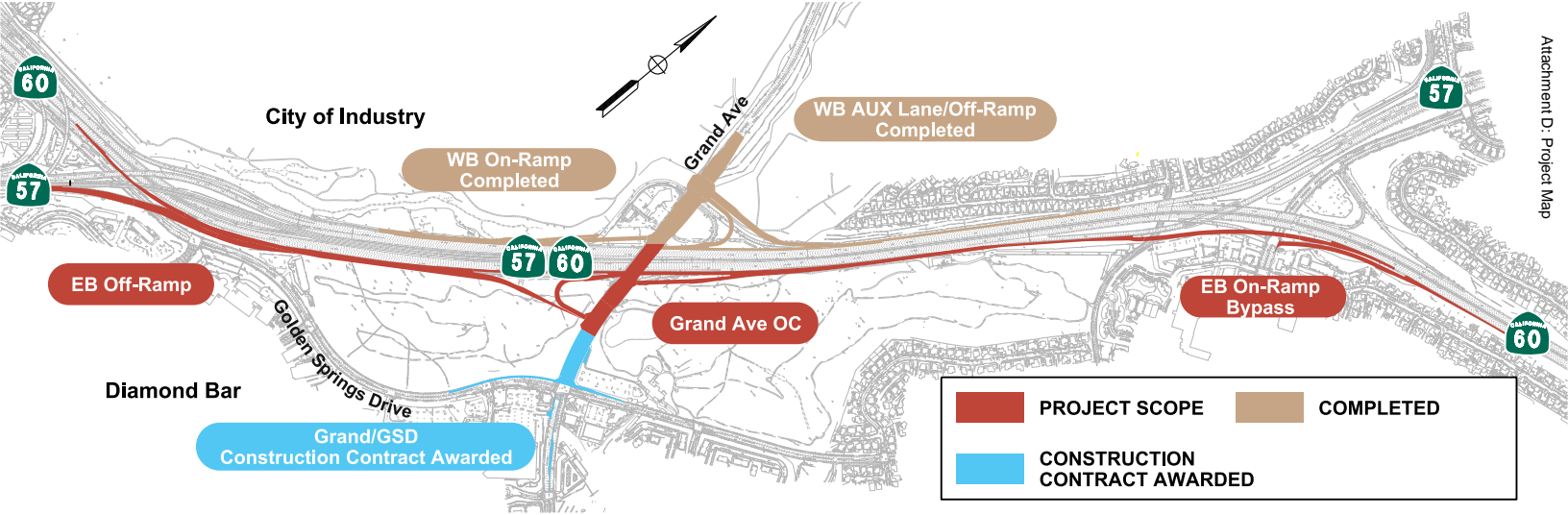
A review of the current service contract indicates that the Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) was not applicable at the time of award. Therefore, the LW/SCWRP is not applicable to this modification.

**C. Prevailing Wage Applicability**

Prevailing Wage requirements are applicable to this project. DEOD will continue to monitor contractors' compliance with the State of California Department of Industrial Relations (DIR), California Labor Code, and, if federally funded, the U S Department of Labor (DOL) Davis Bacon and Related Acts (DBRA).

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.



City of Industry

WB On-Ramp Completed

WB AUX Lane/Off-Ramp Completed




EB Off-Ramp

Grand Ave OC

EB On-Ramp Bypass

Diamond Bar

Grand/GSD Construction Contract Awarded

	PROJECT SCOPE		COMPLETED
	CONSTRUCTION CONTRACT AWARDED		





## Board Report

File #: 2021-0035, File Type: Contract

Agenda Number: 21.

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### OPERATIONS, SAFETY AND CUSTOMER EXPERIENCE COMMITTEE APRIL 15, 2021

**SUBJECT: BUS ENGINE CYLINDER HEAD ASSEMBLIES**

**ACTION: AWARD CONTRACT**

#### **RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to award a two-year, firm fixed price Contract No. MA73218000 to Cummins Inc., the lowest responsive and responsible bidder for Cylinder Head Assemblies. The Contract one-year base amount for is \$1,723,070 inclusive of sales tax, and the one-year option amount is \$1,766,147, inclusive of sales tax, for a total contract amount of \$3,489,217, subject to resolution of protest(s), if any.

#### **ISSUE**

This procurement is for the acquisition of new bus engine cylinder head assemblies which are required for maintaining the safe and reliable operation of the bus fleet. Award of this contract will ensure that Bus Maintenance has adequate inventory to repair and maintain buses according to Metro maintenance standards.

#### **BACKGROUND**

The component usage reports from Material Management revealed that approximately 342 engine cylinder head assemblies were issued to Bus Maintenance to support replacement of these components during engine rebuild programs or for replacement of cylinder heads that crack, warp, or sustain other damage during normal operation. The engine cylinder head assemblies are installed by Metro Mechanics at the Central Maintenance Shops and at all bus operating divisions. Buses cannot operate without properly functioning engine cylinder head assemblies.

#### **DISCUSSION**

A cylinder head assembly is a precisely engineered block of metal that sits on top of the engine and houses many of the engine's moving parts, including the intake and exhaust valves, valve springs and lifters, and the spark plugs. Cylinder heads that crack, warp, or sustain other damage need to be replaced. The cylinder head assemblies support 100% of our bus fleet, which have Cummins 8.9 ISLG and L9N Near-Zero engines installed.

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The contract to be awarded is a “requirements type” agreement in which Metro commits to order only from the awardee, up to the specified quantity for a specific duration of time, but there is no obligation or commitment for Metro to order all of the cylinder heads that may be currently anticipated. The bid quantities are estimates only, with deliveries to be ordered and released as required. The Diversity and Economic Opportunity Department (DEOD) established a two percent (2%) DBE goal for this solicitation. The purchased engine cylinder head assemblies are installed by Metro Mechanics.

Bus engine cylinder head assemblies will be purchased and maintained in inventory and managed by Material Management. As cylinder head assemblies are issued, the appropriate budget project numbers and accounts will be charged.

### **DETERMINATION OF SAFETY IMPACT**

Award of contract will ensure that all operating divisions and the Central Maintenance Facility have an adequate inventory to maintain the equipment according to Metro Maintenance standards.

### **FINANCIAL IMPACT**

The funding of \$1,723,070 for these cylinder head assemblies is included in the FY21 budget under account 50441, Parts - Revenue Vehicle in multiple bus operating division cost centers in project 306002 and in the Central Maintenance cost center 3366 in project 203025 Bus Engine Replacement Project.

Since this is a multi-year contract, the cost center manager and Chief Operations Officer will be accountable for budgeting the cost in future fiscal years including any option exercised.

#### **Impact to Budget**

The source of funds will come from Federal and local funds that are eligible for Bus and Rail Operating Projects. Using these funding sources maximizes the allowable project funding designations given approved provisions and guidelines.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The procurement of cylinder head assemblies supports Strategic Goal 1: Provide high-quality mobility options that enable people to spend less time traveling. The new cylinder heads will maintain the reliability of the bus fleet and ensure that our customers are able to arrive at their destinations without interruption and in accordance with the scheduled service intervals for Metro bus operations.

### **ALTERNATIVES CONSIDERED**

The alternative is to not award the contract and procure cylinder head assemblies on the open market on an as-needed basis. This approach is not recommended since it does not provide a commitment from the supplier to ensure availability and price stability.

### **NEXT STEPS**

Metro's requirements for bus engine cylinder head assemblies will be fulfilled under the provisions of the contract.

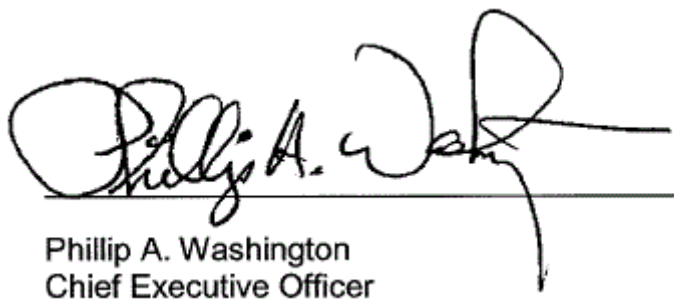
**ATTACHMENTS**

Attachment A - Procurement Summary

Attachment B - DEOD Summary

Prepared by: James D. Pachan, Superintendent of Maintenance, (213) 922-5804

Reviewed by: Debra Avila, Chief Vendor/Contract Management (213) 922-6383  
James T. Gallagher, Chief Operations Officer (213) 418-3108



Phillip A. Washington  
Chief Executive Officer

**PROCUREMENT SUMMARY**  
**CYLINDER HEAD ASSEMBLY**  
**CONTRACT NO. MA73218000**

1.	<b>Contract Number:</b> MA73218000	
2.	<b>Recommended Vendor:</b> Cummins Inc., 1939 Deere Avenue, Irvine, CA 92606	
3.	<b>Type of Procurement (check one):</b> <input checked="" type="checkbox"/> IFB <input type="checkbox"/> RFP <input type="checkbox"/> RFP-A&E <input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	<b>Procurement Dates:</b>	
	A. Issued: 12/9/20	
	B. Advertised/Publicized: 12/11/20	
	C. Pre-proposal/Pre-Bid Conference: N/A	
	D. Proposals/Bids Due: 1/12/21	
	E. Pre-Qualification Completed: 1/22/21	
	F. Conflict of Interest Form Submitted to Ethics: 1/20/21	
	G. Protest Period End Date: 2/26/21	
5.	<b>Solicitations Picked up/Downloaded:</b> 16	<b>Bids/Proposals Received:</b> 2
6.	<b>Contract Administrator:</b> Tanya Allen	<b>Telephone Number:</b> 213/922-1018
7.	<b>Project Manager:</b> Alex DiNuzzo	<b>Telephone Number:</b> 213/922-5860

**A. Procurement Background**

This Board Action is to approve Contract No. MA73218000 for the procurement of Cylinder Head Assembly. Board approval of contract awards are subject to resolution of any properly submitted protest.

An Invitation of Bid (IFB) No. MA73218 was issued in accordance with Metro's Acquisition Policy and the contract type is Indefinite Delivery, Indefinite Quantity (IDIQ).

No amendment was issued during the solicitation phase of this IFB.

A total of two (2) bids were received on January 12, 2021:

1. Cummins Inc.
2. Technology International Inc.

## **B. Evaluation of Bids**

This procurement was conducted in accordance and complies with LACMTA's Acquisition Policy for a competitive sealed bid. The two (2) bids received were deemed responsive and responsible to the IFB requirements.

The recommended firm, Cummins Inc., the lowest responsive and responsible bidder, was found to be in full compliance in meeting the bid and technical requirements of the IFB.

## **C. Price Analysis**

The recommended bid price from Cummins Inc. has been determined to be fair and reasonable based upon adequate price competition, Independent Cost Estimate (ICE), historical purchases and selection of the lowest responsive and responsible bidder.

<b>Bidders Name</b>	<b>Bid Amount</b>	<b>Metro ICE</b>
Cummins Inc.	\$3,489,216.95	\$3,136,553.00
Technology International Inc.	\$3,809,312.28	

## **D. Background on Recommended Contractor**

The recommended firm, Cummins Inc. (Cummins) is located in Irvine, CA has been in business for one hundred (100) years. Cummins has provided similar products to Metro, Orange County Transit Authority, San Diego Metropolitan Transit System, and Santa Monica Big Blue Bus and numerous other transit agencies. Cummins has provided satisfactory service and products to Metro on previous purchases.

## DEOD SUMMARY

CYLINDER HEAD ASSEMBLY  
CONTRACT NO. MA73218000**A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) established a 2% Disadvantaged Business Enterprise (DBE) goal for this indefinite delivery/indefinite quantity (ID/IQ) Task Order contract. Cummins, Inc. made a 2% DBE commitment.

In response to a specific Task Order request, Cummings, Inc. will be required to identify DBE subcontractor activity and actual dollar value commitments for that Task Order. Overall DBE achievement in meeting the commitment will be determined based on cumulative DBE participation of all Task Orders awarded.

<b>Small Business Goal</b>	<b>2% DBE</b>	<b>Small Business Commitment</b>	<b>2% DBE</b>
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	<b>DBE Subcontractors</b>	<b>Ethnicity</b>	<b>% Committed</b>
1.	Say Cargo Express	Hispanic American	2%
	<b>Total Commitment</b>		<b>2%</b>

**B. Living Wage / Service Contract Worker Retention Policy Applicability**

The Living Wage / Service Contract Worker Retention Policy is not applicable to this contract.

**C. Prevailing Wage Applicability**

Prevailing wage is not applicable to this contract.

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.

**Board Report**

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**File #:** 2021-0037, **File Type:** Contract**Agenda Number:** 22.

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**OPERATIONS, SAFETY AND CUSTOMER EXPERIENCE COMMITTEE  
APRIL 15, 2021****SUBJECT: BUS ENGINE IGNITION COILS****ACTION: AWARD CONTRACT****RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to award a two-year, firm fixed price Contract No. MA73430000 to Cummins Inc., the lowest responsive and responsible bidder for Ignition Coils. The Contract one-year base amount is \$1,134,734 inclusive of sales tax, and the one-year option amount is \$1,163,087, inclusive of sales tax, for a total contract amount of \$2,297,821, subject to resolution of protest(s), if any.

**ISSUE**

This procurement is for the acquisition of new bus engine ignition coils which are required for maintaining the safe and reliable operation of the bus fleet. Award of this contract will ensure that Bus Maintenance has adequate inventory to repair and maintain buses according to Metro maintenance standards.

**BACKGROUND**

The component usage reports from Material Management revealed that over 6,000 engine ignition coils were issued to Bus Maintenance to replace failed components and to support replacement during engine rebuild programs. The engine ignition coils are installed by Metro Mechanics at the Central Maintenance Shops and at all bus operating divisions. Buses cannot operate without properly functioning engine ignition coils.

**DISCUSSION**

Ignition coils are an electronic engine management component that are a part of the bus ignition system. The ignition coil is the component responsible for generating the engine spark, and any problems with the ignition coil can quickly lead to engine performance issues. The engine ignition coils support 100% of our bus fleet, which have Cummins 8.9 ISLG and L9N Near-Zero engines installed. The ignition coil is an Original Equipment Manufacturer (OEM) part delivered direct from the engine manufacturer, Cummins, due to historical problems encountered with aftermarket ignition parts, including increased road calls that have impacted service reliability.

The contract to be awarded is a “requirements type” agreement in which we commit to order only from the awardee, up to the specified quantity for a specific duration of time, but there is no obligation or commitment for us to order any or all of the ignition coils that may be anticipated. The bid quantities are estimates only, with deliveries to be ordered and released as required. The Diversity and Economic Opportunity Department (DEOD) established a two percent (2%) DBE goal for this solicitation. The purchased engine ignition coils are installed by Metro Mechanics.

Bus engine ignition coils will be purchased and maintained in inventory and managed by Material Management. As ignition coils are issued, the appropriate budget project numbers and accounts will be charged.

### **DETERMINATION OF SAFETY IMPACT**

Award of contract will ensure that all operating divisions and the Central Maintenance Facility have an adequate inventory to maintain the equipment according to Metro Maintenance standards.

### **FINANCIAL IMPACT**

Funding in the amount of \$1,134,734 for these ignition coils is included in the FY21 budget under account 50441, Parts - Revenue Vehicle in multiple bus operating cost centers under project 306002 Operations Maintenance, and in the Central Maintenance cost center 3366 under project 203025 Bus Engine Replacement Project.

Since this is a multi-year contract, the cost center manager and Chief Operations Officer will be accountable for budgeting the cost in future fiscal years.

### **Impact to Budget**

The source of funds will come from Federal and local funds that are eligible for Bus and Rail Operating Projects. Using these funding sources maximizes the allowable project funding designations given approved provisions and guidelines.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The procurement of ignition coils supports Strategic Goal 1: Provide high-quality mobility options that enable people to spend less time traveling. The new ignition coils will maintain the reliability of the bus fleet and ensure that our customers are able to arrive at their destinations without interruption and in accordance with the scheduled service intervals for Metro bus operations.

### **ALTERNATIVES CONSIDERED**

The alternative is to not award the contract and procure engine ignition coils on the open market on an as-needed basis. This approach is not recommended since it does not provide a commitment from the supplier to ensure availability and price stability.



**NEXT STEPS**

Metro's requirements for bus engine ignition coils will be fulfilled under the provisions of the contract.

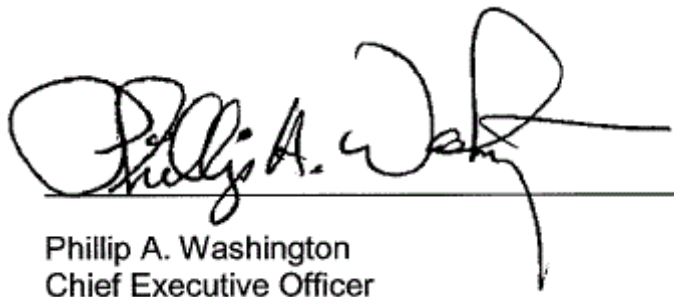
**ATTACHMENTS**

Attachment A - Procurement Summary

Attachment B - DEOD Summary

Prepared By: James D. Pachan, Superintendent of Maintenance, (213) 922-5804

Reviewed by: Debra Avila, Chief Vendor/Contract Management (213) 922-6383  
James T. Gallagher, Chief Operations Officer (213) 418-3108



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Phillip A. Washington  
Chief Executive Officer

## PROCUREMENT SUMMARY

## IGNITION COIL

CONTRACT NO. MA73430000

1.	<b>Contract Number:</b> MA73430000	
2.	<b>Recommended Vendor:</b> Cummins Inc., 1939 Deere Avenue, Irvine, CA 92606	
3.	<b>Type of Procurement (check one):</b> <input checked="" type="checkbox"/> IFB <input type="checkbox"/> RFP <input type="checkbox"/> RFP-A&E <input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	<b>Procurement Dates:</b>	
	A. Issued: 12/18/20	
	B. Advertised/Publicized: 12/19/20	
	C. Pre-proposal/Pre-Bid Conference: N/A	
	D. Proposals/Bids Due: 1/21/21	
	E. Pre-Qualification Completed: 1/26/21	
	F. Conflict of Interest Form Submitted to Ethics: 1/28/21	
	G. Protest Period End Date: 2/26/21	
5.	<b>Solicitations Picked up/Downloaded:</b> 13	<b>Bids/Proposals Received:</b> 2
6.	<b>Contract Administrator:</b> Tanya Allen	<b>Telephone Number:</b> 213/922-1018
7.	<b>Project Manager:</b> Alex DiNuzzo	<b>Telephone Number:</b> 213/922-5860

**A. Procurement Background**

This Board Action is to approve Contract No. MA73430000 for the procurement of Ignition Coils. Board approval of this contract award is subject to resolution of any properly submitted protest.

An Invitation of Bid (IFB) No. MA73430 was issued in accordance with Metro's Acquisition Policy and the contract type is Indefinite Delivery, Indefinite Quantity (IDIQ).

No amendment was issued during the solicitation phase of this IFB.

A total of two (2) bids were received on January 21, 2021:

1. Cummins Inc.
2. The Aftermarket Parts Company, Inc.

## **B. Evaluation of Bids**

This procurement was conducted in accordance and complies with LACMTA's Acquisition Policy for a competitive sealed bid. The two bids received were deemed responsive and responsible to the IFB requirements.

The recommended firm, Cummins Inc., the lowest responsive and responsible bidder, was found to be in full compliance in meeting the bid and technical requirements of the IFB.

## **C. Price Analysis**

The recommended bid price from Cummins Inc. has been determined to be fair and reasonable based upon adequate price competition, Independent Cost Estimate (ICE), historical purchases and selection of the lowest responsive and responsible bidder.

<b>Low Bidder Name</b>	<b>Bid Amount</b>	<b>Metro ICE</b>
Cummins Inc.	\$2,297,821.37	\$2,007,908.00
The Aftermarket Parts Company, Inc.	\$2,330,313.30	

## **D. Background on Recommended Contractor**

The recommended firm, Cummins Inc. (Cummins) is located in Irvine, CA has been in business for one hundred (100) years. Cummins has provided similar products to Metro, Orange County Transit Authority, San Diego Metropolitan Transit System, and Santa Monica Big Blue Bus and numerous other transit agencies. Cummins has provided satisfactory service and products to Metro on previous purchases.

## DEOD SUMMARY

**IGNITION COIL  
CONTRACT NO. MA73430000**

**A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) established a 2% Disadvantaged Business Enterprise (DBE) goal for this indefinite delivery/indefinite quantity (ID/IQ) Task Order contract. Cummins, Inc. made a 2% DBE commitment.

In response to a specific Task Order request, Cummings, Inc. will be required to identify DBE subcontractor activity and actual dollar value commitments for that Task Order. Overall DBE achievement in meeting the commitment will be determined based on cumulative DBE participation of all Task Orders awarded.

<b>Small Business Goal</b>	<b>2% DBE</b>	<b>Small Business Commitment</b>	<b>2% DBE</b>
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	<b>DBE Subcontractors</b>	<b>Ethnicity</b>	<b>% Committed</b>
1.	Say Cargo Express	Hispanic American	2%
<b>Total Commitment</b>			<b>2%</b>

**B. Living Wage / Service Contract Worker Retention Policy Applicability**

The Living Wage / Service Contract Worker Retention Policy is not applicable to this contract.

**C. Prevailing Wage Applicability**

Prevailing wage is not applicable to this contract.

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.



## Board Report

File #: 2021-0097, File Type: Contract

Agenda Number: 25.

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### OPERATIONS, SAFETY, AND CUSTOMER EXPERIENCE COMMITTEE APRIL 15, 2021

**SUBJECT: SCADA AS NEEDED TASK ORDER SUPPORT SERVICES**

**ACTION: AWARD CONTRACT**

#### **RECOMMENDATION**

AUTHORIZE:

- A. The Chief Executive Officer to award a sole-source, task order based, firm-fixed unit rate Contract No. OP177320000PS57993 to ARINC Incorporated, a Delaware corporation and wholly owned subsidiary of Raytheon Technologies, a Delaware corporation, for on-call engineering support services in support of Metro's Supervisory Control and Data Acquisition (SCADA) systems, in a not-to-exceed amount of \$40,000,000 for a ten-year period of performance effective July 1, 2021.
- B. The Chief Executive Officer to execute task orders for an aggregate amount not-to-exceed \$40,000,000.

#### **ISSUE**

This sole source task-order based contract will ensure timely completion of improvements for the Rail Operations Center (ROC) and avoid any interruption to the critical needs of Metro rail operations. Recent acceleration in the Regional Connector project delivery dates require that the new task-order based contract be in place by July 1, 2021. SCADA engineering services for other upcoming transit expansion capital projects, such as Division 20 Portal Widening Turnback and Purple Line Extension Section 1, also need to begin as soon as possible to meet the project schedules. The existing contract OP39603035 is set to expire on December 31, 2021.

#### **BACKGROUND**

The existing contract OP39603035 was authorized by the Board in November 2013, after a competitive procurement, for equipment and services for the replacement of the obsolete Red Line SCADA System. ARINC was chosen as the most technically qualified proposer offering the lowest price. Six modifications have been issued to accommodate new rail extensions since then, including those most recently to support both the Regional Connector and the Crenshaw line.

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The existing contract includes a 10% DBE participation goal. ARINC has accomplished a 10% participation to date.

## **DISCUSSION**

Metro Rail Transportation and Wayside Systems Maintenance relies heavily on the SCADA system to provide supervisory and control functions that are essential for the safe, reliable, and efficient operation of the Metro rail lines. SCADA is the data pipeline and system management tool for the entire rail system. These functions include centralized control and monitoring of train movement, traction and auxiliary power, fire detection and suppression, gas detection, emergency tunnel and ancillary ventilation, elevators, escalators, radio, emergency telephone, next train arrival times, Transit Passenger Information System (TPIS) and intrusion detection.

A task-order based contract is the best fit to address the sorts of major project-based modifications and expansions to the SCADA system in a cost-effective and timely manner. It is anticipated there will be significant need to modify and enhance the current SCADA system for better train arrival predictions.

The sole source procurement of the SCADA engineering services on an as-needed task-order basis is recommended for the following reasons:

1. Maintain a single unified SCADA platform for the existing and new Lines. Dispatchers and maintenance personnel at the ROC will require training on only one system. Other functions such as next train arrival times and the Transit Passenger Information Systems will require integration with only one system.
2. Replacement of the existing SCADA software by another vendor product is not financially and technical feasible to fit the current Measure M transit expansion program schedules.
3. Modifications of SCADA functions must be performed under strict configuration and quality control procedures. Only ARINC possesses the software revision control history and automated regression test suite that can ensure the quality and correctness of changes.

The existing transit expansion capital projects currently under construction that the SCADA system will be required to support are:

- Regional Connector
- Division 20 Portal Widening Turnback
- Purple Line Extension Section 1
- Purple Line Extension Section 2
- Purple Line Extension Section 3
- Foothill 2B Extension

Each of these items requires the development of SCADA screens and interfaces, addition of tens of thousands of indications and controls, and complex algorithms involving logic, controls, and train

tracking.

The services will address anticipated critical support which includes, but will not be limited to:

1. Continued support of existing SCADA systems including compliance with State of Good Repair (SOGR) standards, maintenance and troubleshooting, on-site support, and software updates.
2. The need to implement and integrate a SCADA system to support upcoming transit expansion capital projects such as Regional Connector, Division 20 Portal Widening Turnback, Purple Line Extension Section 1, Purple Line Extension Section 2, Purple Line Extension Section 3, and the Foothill 2B Extension.
3. The need to introduce enhancements to the existing SCADA systems to include features such as, mobile access, reporting , train prediction , and 100 percent train tracking.

### **DETERMINATION OF SAFETY IMPACT**

State of Good Repair (SOGR) items and regular maintenance impact safety by continuing to maintain our rail lines and pre-emptively fix items that would cause issues. Continuing to use ARINC Incorporated as Metro's SCADA support and maintenance vendor will ensure that all rail lines have a compatible interface and reduce training requirements of operations staff. This will also minimize the load of maintaining unique line specific knowledge, task loading and context switching. Approval of these items would greatly enhance the safety and reliability of the Rail SCADA system by adding the ability to thoroughly analyze incident playbacks, reporting, and improve system availability.

### **FINANCIAL IMPACT**

Funding will be provided from funding sources in the appropriate major transit expansion capital projects as task orders become necessary.

For FY22, funding is included in the capital project budget under the prospective projects such as Regional Connector, Division 20 Portal Widening Turnback, Purple Line Extension Section 1, Purple Line Extension Section 2, Purple Line Extension Section 3, and Foothill 2B Extension.

Since this is a multi-year contract, the Project Manager will ensure that the balance of funds is budgeted for future fiscal years.

#### **Impact to Budget**

The source of funds will be dependent on the specific major transit expansion capital projects. Use of all related funding will maximize allowable funding allocations given approved funding provisions.

Ongoing State of Good Repair (SGR) maintenance and system upgrades will be funded using a combination of Federal, State, and Local funding sources that are eligible for Rail capital including Federal CMAQ, RTIP, STIP, Measure M and Measure R 35% Using these funding sources maximizes the allowable project funding designations given approved provisions and guidelines.

## **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

Approval of this recommendation supports the following Metro Strategic Plan Goals:

- 1: Provide high-quality mobility options that enable people to spend less time traveling.
- 2: Deliver outstanding trip experiences for all users of the transportation system.
- 5: Provide responsive, accountable, and trustworthy governance within the Metro organization.

## **ALTERNATIVES CONSIDERED**

The Board may choose to not approve this request and direct staff to hold an open procurement. This alternative is not recommended. An open solicitation may result in a delayed delivery of a new and different SCADA system that will be incompatible with the existing system. This presents training and maintenance difficulties that will negatively affect the overall safe, effective and efficient operation of Metro's rail system.

Award to a new contractor will also present significant schedule and cost risk to imminent projects such as Regional Connector, Division 20 Portal Widening Turnback, Purple Line Extension Section 1, Purple Line Extension Section 2, Purple Line Extension Section 3, and Foothill 2B Extension.

Another alternative is to implement a new SCADA system in-house. This alternative is also not recommended. Metro has neither the staffing, nor the skill set necessary to execute a project of this magnitude. Furthermore, time is of the essence. Only an experienced contractor offering a proven and mature SCADA system can complete the project within the requirements of our existing project schedule.

## **NEXT STEPS**

Upon Board approval, staff will execute Contract No. OP177320000PS57993 with ARINC Incorporated to provide Supervisory Control and Data Acquisition (SCADA) systems engineering support services. Specific task orders will be issued to start working on projects.

## **ATTACHMENTS**

Attachment A - Procurement Summary  
Attachment B - DEOD Summary

Prepared by:

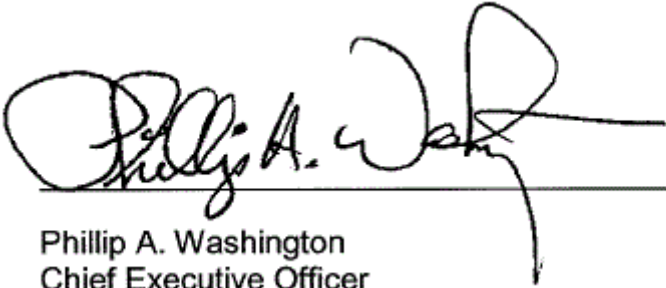
Errol Taylor, Senior Executive Officer, Maintenance and Engineering, (213) 922-3227  
Leticia Solis, Deputy Executive Officer, Wayside Systems, (213) 613-2115  
David Chu, Director, Wayside Systems (SCADA), (213) 418-3042  
Derek Jurykovsky, Sr. Engineer, Wayside Systems (SCADA), (323) 563-5209



Reviewed by:

James T. Gallagher, Chief Operations Officer, (213) 418-3108

Debra Avila, Chief Vendor/Contract Management Officer, (213) 418-3051



Phillip A. Washington  
Chief Executive Officer

## PROCUREMENT SUMMARY

## SCADA AS NEEDED TASK ORDER SUPPORT SERVICES / OP177320000PS57993

1.	<b>Contract Number: OP177320000PS57993</b>	
2.	<b>Recommended Vendor:</b> ARINC Incorporated, a Delaware corporation and wholly owned subsidiary of Raytheon Technologies, a Delaware corporation	
3.	<b>Type of Procurement (check one):</b> <input type="checkbox"/> IFB <input type="checkbox"/> RFP <input type="checkbox"/> RFP-A&E <input checked="" type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	<b>Procurement Dates:</b>	
	<b>A. Issued:</b> December 27, 2018	
	<b>B. Advertised/Publicized:</b> N/A	
	<b>C. Pre-Proposal Conference:</b> N/A	
	<b>D. Proposals Due:</b> February 28, 2019	
	<b>E. Pre-Qualification Completed:</b> September 16, 2019	
	<b>F. Conflict of Interest Form Submitted to Ethics:</b> February 22, 2021	
	<b>G. Protest Period End Date:</b> N/A	
5.	<b>Solicitations Picked up/Downloaded:</b>  1	<b>Bids/Proposals Received:</b>  1
6.	<b>Contract Administrator:</b> Ernesto N. DeGuzman	<b>Telephone Number:</b> (213) 922-7267
7.	<b>Project Manager:</b> David Chu	<b>Telephone Number:</b> (213) 418-3042

**A. Procurement Background**

This Board Action is to approve a sole source, task order-based Contract No. OP177320000PS57993 issued for Supervisory Control and Data Acquisition (SCADA) system for as needed engineering maintenance and support services.

A Request for Proposal (RFP) was issued on December 27, 2018 in accordance with Metro's Acquisition Policy for sole source procurements and the contract type is firm fixed unit rate. A 10% DBE goal was assigned to this procurement.

One (1) amendment was issued during the solicitation phase of this RFP to extend the proposal due date to February 28, 2019.

The proposal was received from ARINC on February 28, 2019.

**B. Evaluation of Proposal**

The proposal was evaluated by staff from Metro's Maintenance of Way (SCADA Engineering) department. The proposal was evaluated for technical and financial merit, experience and expertise, and understanding of the work.

During the solicitation phase of this procurement, ARINC was acquired by Raytheon and subsequently, both ARINC and Raytheon were acquired by Rockwell Collins, and then United Technologies Corporation. These acquisitions resulted in two

prolonged rounds of restructuring. While negotiations were in progress, both Metro and ARINC also experienced staffing shortfalls which further added to the delay.

ARINC submitted 25 exceptions to Metro's requirements on Liability and Indemnification; Rights in Technical Data, Patents and Copyrights; and Software Licensing. All were satisfactorily resolved as a result of lengthy negotiations.

During clarifications and negotiations from March 2019 through February 2021, the Metro project team also conducted several interviews. ARINC's project manager and key team members had an opportunity to present their qualifications and respond to Metro's questions.

### **Qualifications Summary of Proposer**

ARINC Incorporated is a United Technologies Company. It was established in 1929 and is a major provider of transport communications and systems engineering solutions for the aviation, defense, and transportation industries, among others.

### **C. Cost Analysis**

The recommended unit rates were determined to be fair and reasonable based upon a comparison with rates under a prior similar service contract, Metro's independent cost estimate, cost analysis, technical evaluation, and fact finding. Each individual task order will comply with all requirements of Metro's Acquisition Policy and the terms of the contract.

### **D. Background on Recommended Contractor**

ARINC Incorporated, a part of Collins Aerospace, is located in Marina del Rey, California and has been in business since 1929. It is a leader in the field of transportation communications. In November 2013, ARINC was selected by Metro as the provider of SCADA maintenance and engineering services after a competitive procurement. Since then, ARINC has performed satisfactorily as Metro's SCADA maintenance and support partner.

DEOD SUMMARY

SCADA AS NEEDED TASK ORDER SUPPORT SERVICES/OP177320000PS57993

**A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) established a 10% Disadvantaged Business Enterprise (DBE) goal for this Task Order Contract. ARINC Incorporated made a 10% DBE commitment for this Task Order Contract.

ARINC Incorporated will be required to identify DBE subcontractor activity and actual dollar value commitments for Task Order work. Overall DBE achievement in meeting the commitments will be determined based on cumulative DBE participation Task Orders awarded.

<b>Small Business Goal</b>	<b>10% DBE</b>	<b>Small Business Commitment</b>	<b>10% DBE</b>
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	<b>DBE Subcontractors</b>	<b>Ethnicity</b>	<b>% Committed</b>
1.	Anysolv Technologies	African American	TBD
<b>Total Commitment</b>			<b>TBD</b>

**B. Living Wage and Service Contract Worker Retention Policy Applicability**

The Living Wage and Service Contract Worker Retention Policy is not applicable to this contract.

**C. Prevailing Wage Applicability**

Prevailing wage is not applicable to this contract.

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.

**ITEM 25**

**Supervisory Control and Data  
Acquisition (SCADA) System  
Engineering Support Services Contract**

# Overview

- The Supervisory Control and Data Acquisition (SCADA) system is essential for safe, reliable, and efficient operation of the Metro rail lines
- Metro's current contract with ARINC Incorporated expires on 12/31/2021 and a new 10-year sole source task-order based contract was initiated
- New contract to support Metro rail transit expansion capital projects: Regional Connector, Division 20 Portal Widening Turnback, Purple Line Extension Sections 1-3, and Foothill 2B Extension
- Recommend to award task-order based contract to ARINC



# ARINC Information



- Minimize service disruptions and operational/maintenance cost
- Single unified SCADA platform for the existing and new Lines
  - ❑ Train dispatchers and maintenance personnel at ROC on only one system
  - ❑ Train arrival times require integration with one system
- Replacing existing SCADA software with a different vendor is not financially and technically feasible to meet Measure M transit expansion program schedules
- Modifications of SCADA functions must be performed under strict quality control procedures. Only ARINC possesses the software which handles revision control history and automated tests of changes ensuring quality and correctness
- Performed well over the years and achieved the required DBE/SBE goals

# Historical Partnership with ARINC

- Metro conducted a competitive procurement in 2013 which was awarded to ARINC
  - Most technically qualified
  - Provided lowest price proposal
- ARINC has met all contract schedules and deliverables on-time and within budget
- Metro has never had a contract related dispute with ARINC after a contract award
- Performed well over the years and achieved the required DBE/SBE goals

Competitively Bid Contract	DBE/SBE Goal	DBE/SBE Commitment	DBE/SBE Participation
2013	10%	12.64%	12.76%



# SCADA Work Required



- **Metro's many Rail transit expansion capital projects have accelerated and aggressive schedules. Projects include:**
  - **Regional Connector**
  - **Division 20 Portal Widening Turnback**
  - **Purple Line Extension Section 1**
  - **Purple Line Extension Section 2**
  - **Purple Line Extension Section 3**
  - **Foothill 2B Extension**
- **Enhancements to the existing system; such as train arrival prediction, 100% train tracking, additional reporting features, and secure remote access to equipment status**
- **Continued support of existing SCADA systems to comply with State of Good Repair (SOGR) and Cybersecurity standards, maintenance, troubleshooting, & software updates**



## Board Report

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File #: 2021-0148, File Type: Informational Report

Agenda Number: 31.

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### CONSTRUCTION COMMITTEE APRIL 15, 2021

**SUBJECT: TRACK AND TUNNEL INTRUSION DETECTION**

**ACTION: APPROVE A DESIGN-BUILD CONSTRUCTION PROCUREMENT**

#### **RECOMMENDATION**

CONSIDER:

Make a finding that a Design-Build contract to deliver a Track and Tunnel Intrusion Detection system at Metro transit facilities will achieve for LACMTA certain efficiencies in the performance of the design and construction of the Project, pursuant to Public Utilities Code Section 130242, authorizing the CEO to issue a solicitation.

Requires 2/3 vote.

#### **ISSUE**

Metro Operations consist of transportation and multiple support units which are committed to provide safe, courteous, professional, dependable, clean, and efficient transit services to customers. Underground train stations and tunnels pose a difficult environment for conventional technologies such as CCTV, motion detectors, infrared and microwave technology to work efficiently and cost-effectively. Staff anticipated these challenges and requested funding from the Department of Homeland Security (DHS) through the Transit Security Grant Program (TSGP) for a Track Intrusion Detection system to discern between people and trains as well as the ancillary areas in the train tunnels.

Finding that awarding a design-build contract pursuant to Public Utilities Code section 130242 (a) will achieve certain private sector efficiencies in the performance of design, , furnish, construction and testing work at Metro transit facilities in Los Angeles County as defined by the type of project listed on Attachment A. The recommended finding will allow staff to proceed with the solicitation of a contract utilizing a design-build delivery method.

#### **BACKGROUND**

The Track and Tunnel Intrusion Detection system project for underground rail stations proposes to

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provide track intrusion systems at key Metro rail hub underground stations. Metro Headquarters (USG), which is located at Union Station in Downtown Los Angeles, is a key hub to the B (Red) and D (Purple) lines, and the 7<sup>TH</sup> Street and Metro Center Station is a key hub to the B (Red), A (Blue), D (Purple) and E (Expo) lines, all which have been determined by the DHS to be part of the Top Transit Asset List (TTAL).

Variables such as poor lighting and train headlights creating moving shadows, heat, and a lack of accurate depth perception in dark confined spaces have posed a challenging environment for our existing system. For example, the increasing number of the unhoused population seeking shelter on various parts of the Metro system, specifically in underground stations and ancillary areas has resulted in reoccurring intrusions causing concerns for their safety. Additionally, ancillary areas include doors, which lead to the Traction Power, Tunnel Ventilation and Communication Systems, as well as electrical and plumbing rooms. Protecting these areas, nearby tracks, and the unhoused population are critical to keeping our trains operational in a safe and secure manner.

Therefore, a Track and Tunnel Intrusion Detection system is crucial for the safety and protection of the Metro system, its ancillary areas, and train tunnels. This protection may be accomplished by positioning Track and Tunnel Intrusion Detection system equipment on the tunnel's walls to detect intruders. All required labor, material, equipment, design, installation, and testing of the system will be performed by the vendor in collaborations with Metro staff.

## **DISCUSSION**

### **Findings**

The objective of the Track and Tunnel Intrusion Detection system project is to provide Metro with the capability to determine intruders on the tracks and in unauthorized areas. The system is also capable of distinguishing between a person and an object. The system can also alert the train operator when a person is on the tracks and provide the ability to safely stop the train until the person is removed for the intruded area.

### **Considerations**

The Work to be performed is designing, furnishing and installing a new Track and Tunnel Intrusion Detection System (TTIDS) on the Metro B & D Lines (Red & Purple), new Communication Interface Cabinets (CIC), including an option to install Metro-furnished Emergency Call Boxes (ECBs) on the B & D line platforms. Any additional staff necessary for maintenance of the Track and Tunnel Intrusion Detection system will be determined during the implementation of the project.

## **DETERMINATION OF SAFETY IMPACT**

This capital improvement project will provide a positive safety impact to Metro employees, contractors, and the public by providing enhanced safety and security against unauthorized entries to our system. This project will also increase situational awareness and promote better behaviors from all.

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## **FINANCIAL IMPACT**

This capital improvement project was awarded a Transit Security Grant Program (TSGP) Homeland Security grant in the amount of \$6,204,960. The FY21 portion of the grant funds are included in System Security & Law Enforcement's FY21 budget, Project 212123, Cost Center 2613.

### **Impact to Budget**

Currently, the TSGP funds are programmed to this project, maximizing the allowable project funding designations given approved provisions and guidelines. Staff will pursue additional funding as opportunities are available.

## **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

Recommendation supports strategic plan goal # 1. Approval of this recommendation supports Metro Strategic Plan Goal 1: Deliver an outstanding experience for all users of the transportation system by providing superior customer service while preventing terrorism and reducing crime on our system. This project will protect our customers, track, and tunnel areas which is crucial to keeping our trains operating in a safe and secure manner.

## **ALTERNATIVES CONSIDERED**

In today's environment, it remains necessary to constantly adjust to the tactics, techniques and procedures of terrorists who aim to cause mass civilian casualties. These improvements will include additional digital video recorders, cabling, and the engineering to facilitate the new and upgraded CCTV cameras & Track and Tunnel Intrusion technology. With this improvement, DHS' FY20 evaluation of the national risk profile, priority of; 1) Enhancing the Protection of Soft Targets/Crowded Places, will be addressed. Any incapacitation or destruction to LACMTA's system would severely affect the continuity of operations as well as safety to public health, security and economic impact to the Los Angeles County area. This capital improvement project will support the Track and Tunnel Intrusion Detection for underground rail stations and the upgrades to the CCTV network would add to Metro's continued improvement to our physical security posture in critical locations, which have been identified as 'soft targets'.

## **NEXT STEPS**

Upon approval of this item, Staff will begin with the solicitation process by preparing the Design-Build request for proposal package in anticipation to awarding the project in the Fall of 2021.

## **ATTACHMENTS**

Attachment A - Capital Improvement Project Procurement for a D/B Contract

Prepared by: Karen Parks, Manager, Physical Security Programs, System Security and Law Enforcement, (213) 922-7487

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Susan Walker, Director, Physical Security, System Security and Law Enforcement, (213) 922-7464

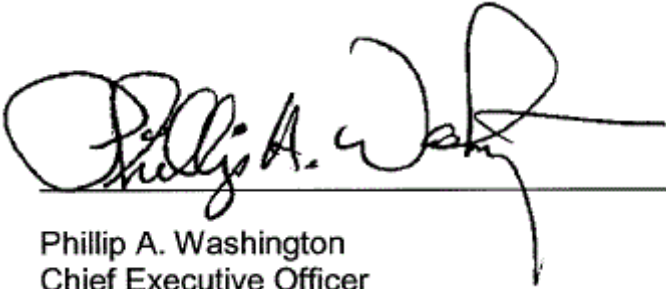
Errol Taylor, Senior Executive Officer, Maintenance and Engineering, (213) 922-3227

Reviewed by:

Judy Gerhardt, Chief System Security and Law Enforcement Officer, (213) 922-4811

Debra Avila, Chief Vendor/Contract Management Officer, (213) 418-3051

James T. Gallagher, Chief Operations Officer, (213) 418-3108



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Phillip A. Washington  
Chief Executive Officer

**ATTACHMENT A**

**Track and Tunnel Intrusion Detection Proposed for Design-Build Approach**

Project No.	Project Title	Project Description	Life-of-Project Budget
212123	Track and Tunnel Intrusion Detection	Provide a new Track and Tunnel Intrusion Detection System (TTIDS) on the Metro B & D Lines (Red & Purple), new Communication Interface Cabinets (CIC), including an option to install Metro-furnished Emergency Call Boxes (ECBs) on the B & D line platforms.	\$ 8,873,092



Board Report

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File #: 2021-0095, File Type: Contract

Agenda Number: 32.

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**CONSTRUCTION COMMITTEE  
APRIL 15, 2021**

**SUBJECT: FUND ADMINISTRATOR FOR METRO PILOT BUSINESS INTERRUPTION FUND  
(BIF)**

**ACTION: APPROVE RECOMMENDATIONS**

**RECOMMENDATION**

CONSIDER:

- A. AUTHORIZING the Chief Executive Officer to execute Modification No. 3 to the Business Interruption Fund (BIF) Administration Services Contract No. PS56079000 with Pacific Coast Regional Small Business Development Corporation (PCR) to exercise the first one-year option in the amount of \$720,882, increasing the total contract value from \$1,685,246 to \$2,406,128, to continue to serve as the fund administrator for Metro's Pilot BIF and extending the period of performance from May 1, 2021 to April 30, 2022.
  
- B. INCREASING Contract Modification Authority (CMA) specific to Contract No. PS56079000 in the amount of \$120,000 increasing the total CMA amount from \$158,524 to \$278,524 to support additional services related to BIF fund administration inclusive of the expansion of the BIF to directly impacted and qualifying "mom and pop" businesses.

**ISSUE**

On February 28, 2019, Metro Board of Directors approved the award of Metro's BIF Administration Services Contract program in the amount of \$3,348,010, inclusive of a two-year base term, plus two (2), one-year options. The existing two-year base contract period is due to expire April 30, 2021.

Board authorization is requested to exercise the first one-year option to continue support of the ongoing implementation of the BIF as approved by Metro's Board of Directors.

## **DISCUSSION**

Metro has continued to provide financial assistance to directly impacted eligible businesses through the contracted professional services of PCR, a Community Development Financial Institution (CDFI) and Small Business Development Center (SBDC) serving as the BIF fund administrator.

Staff, along with PCR, continues to implement various outreach activities and methods to inform and educate small businesses about the BIF, provide direct support throughout the application process and link businesses to other small business support services such as Metro's Crenshaw/LAX Transit Business Solution Center (BSC), Metro's Little Tokyo Community Relation Office and/or the Little Tokyo Small Business Solution Center co-located at Metro's Community Relations office including PCR's Small Business Development Corporation; and Metro's Eat-Shop-Play program.

## **DETERMINATION OF SAFETY IMPACT**

The approval of the recommendation above will have no negative impact on the safety of Metro employees or passengers.

## **FINANCIAL IMPACT**

The administrative cost for the implementation of the program is allocated from Measure R Administration funds. Funds for FY21 are currently budgeted in Cost Center 0691 Non-Departmental Procurement Project Number 100055, Project Name - Admin-Measure R Task 06.02. Furthermore, Vendor/Contract Management has requested the necessary funds in the submitted FY22 budget request, which is currently under review, in support of program activities within the aforementioned cost center, project and task.

### **Impact to Budget**

Measure R Administration funds were previously identified as eligible for this expense through prior Board of Directors authorization and approval. The annual appropriation of the funding source does not impact transit operations and/or capital projects/programs.

## **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

Approval of this item aligns to Metro strategic goal 3 - enhance communities and lives through mobility and access to opportunity, and goal 5 - provide responsive, accountable, and trustworthy governance within the Metro organization.



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**ALTERNATIVES CONSIDERED**

Staff considered utilizing Metro staff to perform the fund administration services for BIF. This alternative is not recommended, because Metro does not have the required staffing availability, dedicated resources or expertise to serve as a financial administrator such as those possessed by a community development financial institution.

**NEXT STEPS**

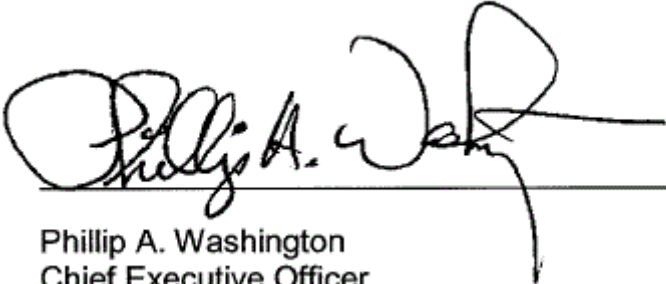
Upon Board approval, staff will execute Modification No. 3 to exercise the first option of the BIF Administration Services Contract No. PS56079000 with PCR.

**ATTACHMENT**

- Attachment A - Procurement Summary
- Attachment B - Contract Modification/Change Order Log
- Attachment C - DEOD Summary

Prepared by: Kyle Wagner, Manager (Interim), DEOD, (213) 418-3333  
Michael Flores, Director (Interim), DEOD, (213)-922-6387  
Miguel Cabral, Executive Officer, DEOD, (213)-418-3270

Reviewed by: Debra Avila, Chief Vendor/Contract Management Officer, (213)  
418-3051



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Phillip A. Washington  
Chief Executive Officer

## PROCUREMENT SUMMARY

## BUSINESS INTERRUPTION FUND ADMINISTRATION SERVICES/PS56079000

1.	<b>Contract Number:</b> PS56079000		
2.	<b>Contractor:</b> Pacific Coast Regional Small Business Development Corporation (PCR)		
3.	<b>Mod. Work Description:</b> Exercise One-Year Option Term		
4.	<b>Contract Work Description:</b> Business Interruption Fund Administration Services		
5.	<b>The following data is current as of:</b> 3/5/21		
6.	<b>Contract Completion Status</b>		<b>Financial Status</b>
	<b>Contract Awarded:</b>	2/28/19	<b>Contract Award Amount:</b> \$1,585,246
	<b>Notice to Proceed (NTP):</b>	3/12/19	<b>Total of Modifications Approved:</b> \$100,000
	<b>Original Complete Date:</b>	3/11/21	<b>Pending Modifications (including this action):</b> \$720,882
	<b>Current Est. Complete Date:</b>	4/30/22	<b>Current Contract Value (with this action):</b> \$2,406,128
7.	<b>Contract Administrator:</b> Lily Lopez		<b>Telephone Number:</b> (213) 922-4639
8.	<b>Project Manager:</b> Kyle Wagner		<b>Telephone Number:</b> (213) 418-3336

**A. Procurement Background**

This Board Action is to approve Contract Modification No. 3 issued to exercise the first one-year option term of the Metro Business Interruption Fund (BIF) Administration Services Contract No. PS56079000 to PCR.

This Contract Modification will be processed in accordance with Metro's Acquisition Policy and the contract type is firm fixed price.

On February 28, 2019, the Board awarded firm fixed price Contract No. PS56079000 to PCR for a two-year base period in the amount of \$1,585,246 with two, one-year options, with an optional start-up for the inclusion of future new rail lines in this pilot.

Two modifications have been issued to date.

Refer to Attachment B – Contract Modification/Change Order Log.

**B. Cost Analysis**

The recommended price has been determined to be fair and reasonable based on pricing that was evaluated as part of the competitive contract awarded in 2019. Pricing remains unchanged.

<b>Proposal Amount</b>	<b>Metro ICE</b>	<b>Modification Amount</b>
\$903,655.86	\$706,708.15	\$720,882

## CONTRACT MODIFICATION/CHANGE ORDER LOG

## BUSINESS INTERRUPTION FUND ADMINISTRATION SERVICES/PS56079000

<b>Mod. No.</b>	<b>Description</b>	<b>Status (approved or pending)</b>	<b>Date</b>	<b>\$ Amount</b>
1	Reallocated unused funds from year 1 to year 2.	Approved	10/5/20	\$0
2	Additional level of effort required and extension of period of performance (POP) through 4/30/21.	Approved	3/4/21	\$100,000
3	Exercise One-Year Option extending POP through 4/30/22.	<b>Pending</b>	<b>Pending</b>	<b>\$720,882</b>
	<b>Modification Total:</b>			<b>\$820,882</b>
	<b>Original Contract:</b>	<b>Approved</b>	<b>2/28/19</b>	<b>\$1,585,246</b>
	<b>Total:</b>			<b>\$2,406,128</b>

DEOD SUMMARY

METRO PILOT BUSINESS INTERRUPTION FUND / CONTRACT NO. PS56079000

**A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) did not establish a Small/Disabled Veteran Business Enterprise (SBE/DVBE) goal for this procurement due to the lack of certified service providers. PCR is expected to perform this work with its own workforce.

**B. Living Wage and Service Contract Worker Retention Policy Applicability**

A review of the current service contract indicates that the Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) was not applicable at the time of award. Therefore, the LW/SCWRP is not applicable to this modification.

**C. Prevailing Wage Applicability**

Prevailing wage is not applicable to this modification.

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.



## Board Report

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**File #:** 2021-0168, **File Type:** Contract

**Agenda Number:** 39.

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**EXECUTIVE MANAGEMENT COMMITTEE  
APRIL 15, 2021**

**SUBJECT: ADVERTISING AND COMMUNICATIONS SERVICES**

**ACTION: APPROVE CONTRACT AWARD**

**RECOMMENDATION**

- A. AUTHORIZE the Chief Executive Officer to award a four-year, firm fixed unit rate Contract No. PS71009000 to Civilian, Inc. to provide advertising and communications services, for an amount not-to-exceed \$1,738,469 for the three-year base term, effective June 1, 2021 through May 31, 2024, plus \$614,604 for the one-year option period, for a total not-to-exceed amount of \$2,353,073 subject to resolution of protest(s), if any.
- B. AUTHORIZE the Chief Executive Officer to award individual media purchases associated with the advertising and communication services to be provided by Civilian, Inc. under Contract No. PS71009000, for a total amount not to exceed \$28,000,000 for a four-year period, inclusive of a one-year option.
- C. APPROVE a four-year Media Buy Budget of \$28,000,000, inclusive of a one-year option, for both traditional marketing channels (television, radio, print) and digital channels (websites, social media, streaming).

**BACKGROUND**

Metro Communications Marketing is currently utilizing a media agency for ad planning and buying, and the contract is expiring on May 31, 2021. Also, the department is looking to expand on the scope of work to accommodate the growth and need of Metro due to the year-over-year (YOY) increases in digital advertising and promotions. The rise in Metro's digital spending requires more data analysis, creative development and accounting support. The goal is to contract with a full-service advertising agency that has a wide range of capabilities to deliver services that would address transit ridership growth, safety and security improvements, bus operator hiring expansion, etc. The advertising agency shall work closely with Metro's Marketing team to assess the annual advertising budget, strategize and develop integrated advertising plans for various ad campaigns to advance Metro products, services and brand. The contract will also help elevate Metro's strategic approach with consideration for all advertising channels in the form of, but not limited to, print, outdoor, broadcast, experiential, digital (programmatic, native, search, social, mobile) and emerging media.

## **DISCUSSION**

The recommended advertising agency possesses the necessary competencies to plan and execute advertising campaigns to support the department in pursuing the agency's business and communications goals as mentioned above. The project scope consists of the following four services:

1. Media Strategy and Planning
2. Analytics and Insights
3. Digital Creative Development
4. Administration and Billings

These services reflect the development of integrated media strategies and recommended media buys that cut across traditional boundaries of paid, earned and owned media. This includes proposing new and emerging media opportunities, assisting with social media campaigns, negotiating favorable advertising rates, and building relationships with multiethnic media channels to target local communities. Service also consists of research on the effectiveness of individual advertising outlets in delivering Metro's message to its various target audiences. This includes performing marketing research, evaluating message effectiveness, identifying target audiences, tracking brand awareness and perception, informing brand/product positioning, and understanding market potential for new services. In addition, there's creation of digital creative assets such as display, native, rich media, and mobile executions and management of the billing process from beginning to end which includes working with vendors/media partners and submitting consolidated invoices monthly to Metro Accounts Payable (AP).

This contract includes the management and administration of payments/billings for media purchases per campaign/project. Payment for media buys shall be treated as a pass-through expense.

## **DETERMINATION OF SAFETY IMPACT**

There are no safety issues or impact associated with this procurement.

## **FINANCIAL IMPACT**

In assessing Metro's potential budget for the life of the Contract, Metro's Marketing department will be responsible for overseeing \$2,353,073 in advertising and communications services along with the estimated \$28MM pass-through costs over the four years that the contract will be in place.

### Impact to Budget

Funding for advertising costs will parallel allocated project funding and may include sources like fares, sales tax, federal and state funds. The impact will vary year-to-year based on project and promotional budgets to support Metro programs and initiatives. Because this is a multi-year contract, departmental budget will be allocated as needed by project managers in future years.

## **ALTERNATIVES CONSIDERED**

Staff considered establishing an in-house advertising team, which would require hiring six (6) additional full-time employees with expertise in advertising, media planning and buying, digital creative design, and data analytics. This alternative would also require procurement and periodic upgrade of software and tools for campaign and tag management, ad serving, insights and analytics and market research in order to keep pace with the ever-evolving advertising and media landscape. Staff's assessment indicates that this is not a cost-effective option for Metro.

### **NEXT STEPS**

Upon Board approval, staff will execute Contract No. PS71009000 with Civilian, Inc. to provide advertising and communications services, effective June 1, 2021.

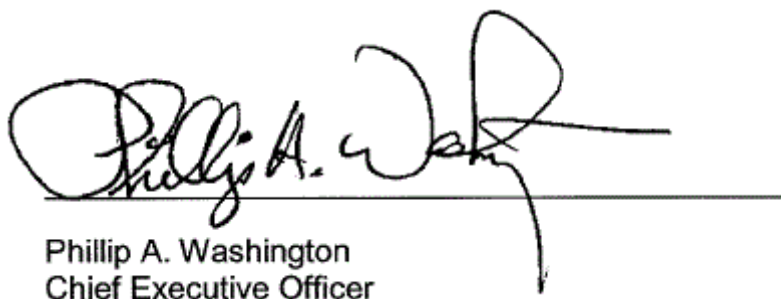
### **ATTACHMENTS**

Attachment A - Procurement Summary

Attachment B - DEOD Summary

Prepared by: Bunrort Em, Manager, Communications, (213) 922-5246  
Glen Becerra, Executive Officer, Marketing, (213) 418-3264

Reviewed by: Yvette Rapose, Chief Communications Officer, (213) 418-3154  
Debra Avila, Chief Vendor/Contract Management Officer, (213) 418-3051



Phillip A. Washington  
Chief Executive Officer



## PROCUREMENT SUMMARY

## ADVERTISING AND COMMUNICATIONS SERVICES/PS71009000

1.	<b>Contract Number: PS71009000</b>	
2.	<b>Recommended Vendor:</b> Civilian, Inc.	
3.	<b>Type of Procurement (check one):</b> <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP <input type="checkbox"/> RFP-A&E <input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	<b>Procurement Dates:</b>	
	<b>A. Issued:</b> August 24, 2020	
	<b>B. Advertised/Publicized:</b> August 24, 2020	
	<b>C. Pre-Proposal Conference:</b> September 9, 2020	
	<b>D. Proposals Due:</b> October 7, 2020	
	<b>E. Pre-Qualification Completed:</b> December 2, 2020	
	<b>F. Conflict of Interest Form Submitted to Ethics:</b> October 8, 2020	
	<b>G. Protest Period End Date:</b> April 19, 2021	
5.	<b>Solicitations Picked up/Downloaded:</b>  76	<b>Bids/Proposals Received:</b>  5
6.	<b>Contract Administrator:</b> Greg Baker	<b>Telephone Number:</b> (213) 922-7577
7.	<b>Project Manager:</b> Bunrort Em	<b>Telephone Number:</b> (213) 922-5246

**A. Procurement Background**

This Board Action is to approve the award of Contract No. PS71009000 to Civilian, Inc. to provide advertising and communications services. Board approval of contract awards are subject to resolution of any properly submitted protest.

On August 24, 2020, Request for Proposals (RFP) No. PS71009 was issued as a competitive negotiated procurement in accordance with Metro's Acquisition Policy and the contract type is a firm fixed unit rate. This solicitation was issued under the Small Business Prime Program.

One amendment was issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on September 21, 2020 extended the proposal due date.

A virtual pre-proposal conference was held on September 9, 2020. A total of 76 firms downloaded the RFP and were included in the planholders' list. A total of 71 questions were received, and Metro provided responses prior to the proposal due date.

A total of five proposals were received on October 7, 2020 from firms listed below in alphabetical order:

1. Acento Advertising

2. Civilian, Inc.
3. GP Generate, LLC
4. Pulsar Advertising, Inc.
5. Sensis, Inc.

## **B. Evaluation of Proposals**

A Proposal Evaluation Team (PET) consisting of staff from Metro's Communications and Board Relations departments was convened and conducted a comprehensive technical evaluation of the proposals received.

On October 12, 2020, the PET met to review the evaluation criteria package, process confidentiality and conflict of interest forms and take receipt of the five proposals to initiate the evaluation phase. Evaluations were conducted from October 12, 2020 through October 29, 2020.

On October 20, 2020, Metro's Diversity and Economic Opportunity Department (DEOD) determined Acento Advertising to be ineligible for award under the SBE Prime Program since it is not a Metro-certified SBE firm at the time of the proposal due date. Hence, Acento Advertising was excluded from further consideration.

The PET continued to evaluate the remaining four proposals based on the following weighted evaluation criteria:

- |   |            |
|---|------------|
| • Degree of the Prime's Skills and Experience   | 40 Percent |
| • Experience and Qualification of Proposed Personnel  | 25 Percent |
| • Understanding of Work and Appropriateness of Approach for Implementation of the Services Identified in the Scope of Service (SOS) | 25 Percent |
| • Cost Proposal   | 10 Percent |

The evaluation criteria are appropriate and consistent with criteria developed for similar advertising and communication services procurements. Several factors were considered in developing these weights, giving the greatest importance to the degree of the prime's skills and experience.

On October 30, 2020, the PET reconvened and determined that of the remaining four proposals received, one firm was determined to be outside the competitive range and was not included for further consideration. The three firms within the competitive range are listed below in alphabetical order:

1. Civilian, Inc.
2. Sensis, Inc.
3. Pulsar Advertising, Inc.

Each firm provided an overview of existing clientele, presented the industry experience of each team member, proposed commitment to the project and existing engagements that may impact work performance on this contract.

**Qualifications Summary of Firms within the Competitive Range:**

**Civilian, Inc.**

Civilian, Inc. established in 1999, is an advertising and marketing agency for government and non-profit organizations. The firm specializes in strategic planning, research and audience insights, brand development, media planning and placement, digital and social media, web development, creative development and production, and stakeholder engagement.

**Sensis, Inc.**

Sensis, Inc. established in 1998 and headquartered in Los Angeles, provides full, integrated advertising and web development services to government agencies, with experience spanning all traditional and digital marketing, and communications services platforms. Its clients include the Department of Homeland Security, Department of Health and Human Services and the Department of Defense.

**Pulsar Advertising, Inc.**

Pulsar Advertising, Inc. has been in business for over 28 years and is a full-service advertising and marketing agency that provides a full range of advertising and marketing services in the transportation industry.

At the conclusion of the evaluation process, Civilian, Inc. was determined to be the top ranked firm.

A summary of the PET scores is provided below:

1	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
2	<b>Civilian, Inc.</b>				
3	Degree of the Prime's Skills and Experience	84.45	40.00%	33.78	
4	Experience and Qualification of Proposed Personnel	80.56	25.00%	20.14	
5	Understanding of Work and Appropriateness of Approach for Implementation of the Services Identified in the SOS	84.20	25.00%	21.05	

6	Cost Proposal	74.90	10.00%	7.49	
7	<b>Total</b>		<b>100.00%</b>	<b>82.46</b>	<b>1</b>
8	<b>Sensis, Inc.</b>				
9	Degree of the Prime's Skills and Experience	80.00	40.00%	32.00	
10	Experience and Qualification of Proposed Personnel	69.96	25.00%	17.49	
11	Understanding of Work and Appropriateness of Approach for Implementation of the Services Identified in the SOS	75.04	25.00%	18.76	
12	Cost Proposal	86.10	10.00%	8.61	
13	<b>Total</b>		<b>100.00%</b>	<b>76.86</b>	<b>2</b>
14	<b>Pulsar Advertising, Inc.</b>				
15	Degree of the Prime's Skills and Experience	78.35	40.00%	31.34	
16	Experience and Qualification of Proposed Personnel	72.24	25.00%	18.06	
17	Understanding of Work and Appropriateness of Approach for Implementation of the Services Identified in the SOS	68.36	25.00%	17.09	
18	Cost Proposal	100.00	10.00%	10.00	
19	<b>Total</b>		<b>100.00%</b>	<b>76.49</b>	<b>3</b>

### C. Cost/Price Analysis

The recommended firm fixed unit rates have been determined to be fair and reasonable based upon adequate price competition, price analysis, fact finding, negotiation and technical analysis.

### D. Background on Recommended Contractor

The recommended firm, Civilian, Inc. is headquartered in San Diego, CA. It is a full-service marketing communications agency that has provided advertising and communications services to Metro for the past five years. Civilian Inc.'s performance has been satisfactory.

Civilian, Inc. is a women-owned, Metro certified small business firm and will perform 100% of the work with its own workforce.

The proposed Executive Lead and Project Manager have over 30 years of combined experience in marketing, communications and outreach that is centered on public agencies, including the transportation industry.

## DEOD SUMMARY

## ADVERTISING AND COMMUNICATIONS SERVICES / PS71009000

**A. Small Business Participation**

Effective June 2, 2014, per Metro's Board-approved policy, competitive acquisitions with three or more Small Business Enterprise (SBE) certified firms within the specified North American Industry Classification System (NAICS) as identified for the project scope shall constitute Small Business Set-Aside procurement. Accordingly, the Contract Administrator advanced the solicitation, including posting the solicitation on Metro's website, advertising, and notifying certified small businesses as identified by NAICS code(s) that this solicitation was open to SBE Certified Small Businesses Only.

Civilian, Inc., an SBE Prime, is performing 100% of the work with their own workforce.

	<b>SBE Firm Name</b>	<b>SBE % Committed</b>
1.	Civilian, Inc. (Prime)	100%
	<b>Total Commitment</b>	<b>100%</b>

**B. Living Wage and Service Contract Worker Retention Policy Applicability**

The Living Wage and Service Contract Worker Retention Policy is not applicable to this contract.

**C. Prevailing Wage Applicability**

Prevailing wage is not applicable to this contract.

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.



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File #: 2021-0162, File Type: Federal Legislation / State Legislation (Position)

Agenda Number: 41.

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**EXECUTIVE MANAGEMENT COMMITTEE  
APRIL 15, 2021**

**SUBJECT: STATE LEGISLATION**

**ACTION: ADOPT STAFF RECOMMENDED POSITION**

**RECOMMENDATION**

ADOPT staff recommended position:

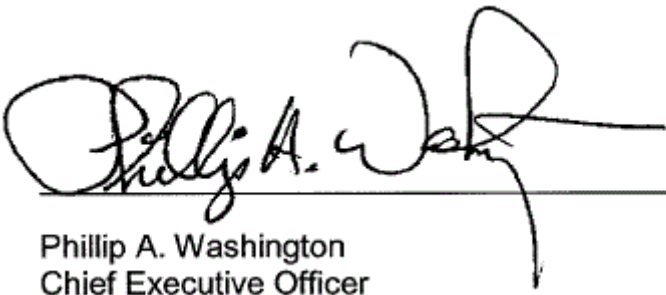
1. **Senate Bill 17 (Pan) - Office of Racial Equity SUPPORT**

**ATTACHMENT**

Attachment A - SB 17 (Pan) Legislative Analysis

Prepared by: Michael Turner, DEO, Government Relations, (213) 922-2122  
Desarae Jones, Senior Manager, Transportation Planning/State Legislative Affairs,  
Government Relations, (213) 922-2230

Reviewed by: Yvette Rapose, Chief Communications Officer, (213) 418-3154



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Phillip A. Washington  
Chief Executive Officer



## ATTACHMENT A

**BILL:** SENATE BILL 17 – AS AMENDED  
**AUTHOR:** SENATOR RICHARD PAN (D – SACRAMENTO)  
**SUBJECT:** OFFICE OF RACIAL EQUITY  
**STATUS:** RE-REFERRED TO COMMITTEE ON JUDICIARY  
**PASSED – SENATE COMMITTEE ON GOVERNMENTAL ORGANIZATION (9-3) ON 3/23/2021**  
**ACTION:** SUPPORT

### **RECOMMENDATION**

Staff recommends that the Board of Directors adopt a SUPPORT position on Senate Bill 17 (Pan), as amended.

### **ISSUE**

This bill was recently amended in the Senate Governmental Organization Committee. Specifically, the bill would:

- Establish in state government an Office of Racial Equity, an independent public entity not affiliated with an agency or department, that shall be governed by a Racial Equity Advisory and Accountability Council;
- Authorize the council to hire an executive director to organize, administer, and manage the operations of the office;
- Task the office with coordinating, analyzing, developing, evaluating, and recommending strategies for advancing racial equity across state agencies, departments, and the office of the Governor;
- Require the office to develop a statewide Racial Equity Framework providing guidelines for inclusive policies and practices that reduce racial inequities, promote racial equity, address individual, institutional, and structural racism, and establish goals and strategies to advance racial equity and address structural racism and racial inequities;
- Require the office, in consultation with state agencies and departments, to establish methodologies, a system of measurement, and data needs for assessing how state statutes, regulations, and practices contribute to, uphold, or exacerbate racial disparities, and to prepare an annual report that evaluates and reports on progress in meeting statewide goals and policies established under the Racial Equity Framework;
- Require the Governor to direct the Secretary of each state agency to adopt and implement the Racial Equity Framework through each agencies' Racial Equity

Action Plan, which would be adopted by each state agency and integrated into the agency's strategic plan;

- Require the office to provide technical assistance to agencies during development of the Racial Equity Action Plan, to review and approve each agency's Racial Equity Action Plan, and to provide technical assistance to agencies implementing strategies for racial equity consistent with the Racial Equity Action Plan;
- Require the Racial Equity Action Plan to be posted publicly on each agency's internet website; and
- Require each agency to prepare an annual report on the agency's progress towards goals set forth in the Racial Equity Action Plan and to submit the report to the office, the Governor, and the Legislature.

## **DISCUSSION**

In March 2018, Metro's Board formally adopted an Equity Platform, with the objective of increasing access to opportunities including housing, jobs, healthcare, education and other key determinants of healthy and thriving communities. In 2019, Metro published an Equity Platform Activation Plan to highlight the agency's work in implementing initiatives that aim to meet these goals. In January 2020, Metro hired its first Executive Officer, Equity and Race to lead, coordinate and develop the efforts included within the Equity Platform.

Metro's Equity and Race Department has taken on the effort of establishing how to define and measure equity for Los Angeles County and for the agency. From the August 2020 Equity and Race Program Update:

Equity is both an outcome and a process to address racial, socioeconomic, and gender disparities, to ensure fair and just access - with respect to where you begin and your capacity to improve from that starting point - to opportunities, including jobs, housing, education, mobility options, and healthier communities. It is achieved when one's outcomes in life are not predetermined, in a statistical or experiential sense, on their racial, economic, or social identities. It requires community informed and needs-based provision, implementation, and impact of services, programs, and policies that reduce and ultimately prevent disparities.

Senate Bill 17 (Pan), as amended, would establish the Office of Racial Equity and Racial Equity Advisory and Accountability Council for the state. The Office of Racial Equity would be an independent state government office governed by the Advisory and Accountability Council. The office would establish a statewide racial equity framework and would provide guidelines and oversight for agencies and departments to establish specific goals and policies to meet the goals outlined in the framework.

The bill would require the new Office of Racial Equity to coordinate, analyze, develop and evaluate strategies for advancing racial equity across state agencies, departments and the office of the Governor. The bill also requires the establishment of methodologies, ways to measure and data assessment on how policies uphold or exacerbate racial



disparities. It would also include research activities and stakeholder and community engagement.

The Senate Governmental Organization Committee bill analysis notes that the California Department of Transportation (Caltrans) has already established the Race & Equity Action Plan over the course of two years, in collaboration with the Caltrans Alliance on Race and Equity Solutions team. The framework is a plan that identifies internal communication and training of Caltrans staff, delivering equity-focused pilot projects and policy changes.

SB 17 will help to advance the agencies goals of ensure equity across all of Metro's projects and programs and will also help to advance those goals statewide. The Board has established clear policy goals to advance strategies to achieve equity and SB 17 will focus those efforts in a statewide office.

For these reasons, staff recommends that the Board adopt a SUPPORT position on Senate Bill 17 (Pan).

#### **DETERMINATION OF SAFETY IMPACT**

The impact of this bill on safety is still being evaluated.

#### **FINANCIAL IMPACT**

The estimated financial impact of this action is still being evaluated.

#### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

Staff recommendation supports strategic plan goal #4: Transform LA County through regional collaboration and national leadership. Metro shares the region's commitment to environmental sustainability and will take a strong leadership role in managing and building a resilient mobility system that effectively reduces greenhouse gas (GHG) emissions and helps to address public health issues while moving people throughout the County.

#### **ALTERNATIVES CONSIDERED**

Staff has considered adopting either an OPPOSE or WORK WITH AUTHOR on the bill. However, an oppose position would be counter to the agency's goals to develop and implement a regional transportation system that expands access to transit and opportunities and serves the people who live in Los Angeles County, home to the state's greatest concentration of disadvantaged communities.

#### **NEXT STEPS**

Should the Board approve the adoption of a SUPPORT position on the legislation; staff will communicate the Board's position to the author and work to ensure its passage. Staff will continue to keep the Board informed as this issue is addressed throughout the legislative session.

**Board Report**

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**File #:** 2021-0062, **File Type:** Agreement

**Agenda Number:** 44.

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**EXECUTIVE MANAGEMENT COMMITTEE  
APRIL 15, 2021**

**SUBJECT: TRANSPORTATION COMMUNICATION NETWORK**

**ACTION: APPROVE RECOMMENDATION**

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer (CEO) to execute a Memorandum of Agreement (MOA) with the City of Los Angeles for Metro's Transportation Communication Network (TCN) on Metro rail right-of-way within the City of Los Angeles.

**ISSUE**

Metro staff have been collaborating on the concept of a Transportation Communication Network (TCN) that would create a connected communication system, using outdoor advertising infrastructure on Metro property in the City of Los Angeles ("City"). The TCN would also create a revenue stream and allow for the removal of up to 320 older, static billboards, over 60% of which are in the City of Los Angeles ("City"). The proposed MOA outlines the TCN objectives, process for approval and revenue sharing with the City. In addition, the MOA includes the intent for the funds to be used for new, transit improvement projects to benefit public transit riders, with a focus on bus improvements.

**DISCUSSION**

**Transportation Communication Network**

Real Estate, ITS, Communications and Metro's consultant, All Vision, have been collaborating on the concept to implement a network of transportation communication digital displays that will promote efficient roadways, increase public transit ridership, improve public safety and provide revenue generation for Metro's transportation programs. The TCN may consist of the following elements:

1. **Intelligent Transportation System, Travel Demand and Public Event Management.** The TCN will be integrated with Metro's Regional Intelligent Information Transportation Systems (RIITS) that works in coordination with all of the major transportation agencies and bus lines such as Caltrans, the Los Angeles Department of Transportation (LADOT), California Highway Patrol (CHP), Foothill Transit and the Los Angeles County Department of Public Works to maximize the capacity and efficiency of the regional transportation network. The additional intelligent technology components will assist Metro in increasing the quantity and speed of data collection of real time travel/traffic data, processing and transmission to transit agencies.

Real time data collection can support improved traffic signal timing information, micro-transit data and Metro vanpool on-demand services. The TCN will improve the bus rider's experience by helping to facilitate transit signal priority, bus Wi-Fi, and bus timing information that can be relayed to bus riders. The TCN can also support event congestion data for LAX, Dodger Stadium, Hollywood Bowl and other large venues, including travel demand management services for the 2028 Olympic and Paralympic Games, including providing information on available parking spaces in Park-and-Ride lots.

2. Public Transit Promotion and Metro Communications. The TCN will assist Metro's transportation public messaging and ability to broadcast this information in various creative ways to commuters to ensure public safety, maximize throughput of our congested road network, and promote public awareness of travel alternatives based on geography and time periods.

3. Public Safety and Emergency Messaging. The program will be incorporated into the alert information for the freeway messaging system and major arterial network for the region, including Earthquake Early Warning System information as well as Amber Alerts.

4. Transportation Technology Innovation Initiatives. The program structures will be designed to include programs, such as 5G technology, as well as live video and security feeds to supplement the limited number of existing cameras on the freeways and street corridors. TCP will be designed to support future innovations such as autonomous vehicles, smart energy grids, and high-speed wireless cameras.

5. Revenue Generation for Transportation Projects. The digital displays in the TCN will also allow off-site advertising. Revenue generated by this program will be utilized by Metro and the City to fund transportation programs.

### Reduction of Visual Blight

The TCN could result in the removal of up to 320 antiquated (and in some cases dilapidated) static billboards currently located throughout the County of LA. Many of these locations enjoy grandfathered legal status even though they are situated in residential zones and do not currently satisfy state and federal guidelines for outdoor advertising structures. The new modernized digital signs in the TCN will not be located in residential zones and will comply with all requisite federal, state and city guidelines. No signs will be placed in or within 200 feet of residential zones or will be oriented facing residential zones within a 200-foot distance.

### Revenue Stream

If the MOA is approved, Metro's consultant will commence CEQA environmental clearance at no upfront cost to Metro. The environmental process will determine the number and location of potential signboards which will then allow revenue projections to be made. Staff will return to the Board for approval of the CEQA document and TCN program, including locations and revenue projections, prior to the commencement of the TCN program.

### City of Los Angeles

The majority (60%) of the potential signboard locations are in the City. In order to proceed with the TCN program, the City would need to enact an ordinance, other legislative or other document which may be approved by City Council. Given the interdependency of the program and the

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mutually beneficial uses of the funds for transit purposes, staff believes the revenue sharing arrangement described below to be reasonable and appropriate.

### MOA terms

Metro and the City have negotiated an arrangement that is mutually beneficial. Some of the key terms include:

- Metro to be the lead CEQA agency
- TCN contingent on the City enacting legislation that allows off-site advertising to be displayed on the signs
- The City and Metro to each receive 50% of the net revenues (after all program costs)
- 20-year term with provision to negotiate in good faith to extend beyond
- Revenues to be used for new, transit improvement projects to benefit transit riders with a focus on bus riders; examples including:
  - Speed/service quality
  - Ease of use
  - Safety and comfort
  - First/Last Mile

Further details are provided in Attachment A - MOA Term Sheet.

### **EQUITY PLATFORM**

The MOA stipulates that the funds be directed to improving transportation and transit, in particular bus service. This should benefit Equity-Focused Communities by providing better service such as improved bus speed and reliability, bus stop improvements, improved bus shelters, rear-door boarding, and first/last mile improvements...

### **DETERMINATION OF SAFETY IMPACT**

The MOA will have no impact on the safety standards of Metro. Future TCN sites with transportation communication displays will be adequately designed for structural support and will meet all federal, state, and local design codes.

### **FINANCIAL IMPACT**

The TCN will generate additional revenue and no capital outlay by Metro is required.

#### Impact to Budget

There is no impact to the budget.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The TCN will yield enhanced communication and support, as well as revenues for bus projects,

resulting in:

Goal 1: High quality mobility options for all

Goal 3: Enhancing communities and lives

### **ALTERNATIVES CONSIDERED**

The Board could choose not to pursue this initiative. That is not recommended because this is an opportunity to build a communication network, as well as revenue generation to benefit bus riders.

### **NEXT STEPS**

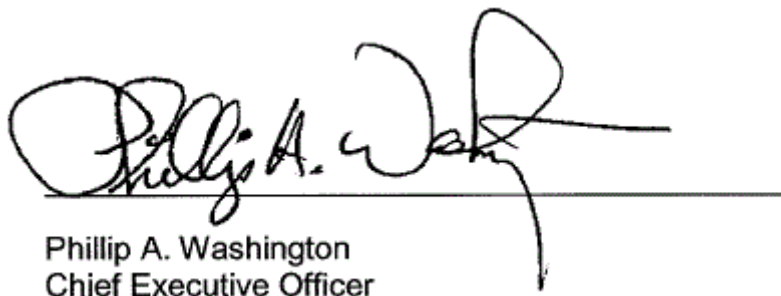
If approved, Metro Real Estate will work with the City of Los Angeles to execute the MOA. Upon execution of the MOA, Metro will commence the CEQA environmental process at no upfront cost to Metro. Metro staff will return to the Board for environmental approval before proceeding to implement the program.

### **ATTACHMENTS**

Attachment A - MOA Term Sheet

Prepared by: John Potts, Executive Officer, (213) 418-3397  
Holly Rockwell, Senior Executive Officer, (213) 922-5585

Reviewed by: James de la Loza, Chief Planning Officer, (213) 922-2920



Phillip A. Washington  
Chief Executive Officer

**PRIVILEGED & CONFIDENTIAL WORKING DRAFT****LACMTA and City of Los Angeles MOA Term Sheet**  
**March 10, 2021**

<b>Parties</b>	<ul style="list-style-type: none"> <li>• Los Angeles County Metropolitan Authority (“LACMTA”); and</li> <li>• City of Los Angeles (the “City”)</li> </ul>
<b>Memorandum of Agreement (“MOA”)</b>	The LACMTA and the City plan to enter into an MOA reflecting the terms set forth herein, as well as other customary terms and conditions.
<b>LACMTA Transportation Communication Network Program (“TCN”)</b>	<p>The LACMTA is in the process of identifying locations on its properties throughout Los Angeles County to implement a network of transportation communications digital displays that will promote efficient roadways, increase public transit ridership, improve public safety and provide revenue generation for LACMTA’s transportation programs. The TCN may consist of the following elements:</p> <ol style="list-style-type: none"> <li>1. <u>Intelligent Transportation System, Travel Demand and Public Event Management</u>. The TCN will be integrated with the LACMTA’s Regional Intelligent Information Transportation Systems (RIITS) that works in coordination with all of the major transportation agencies and bus lines such as Caltrans, the Los Angeles Department of Transportation (LADOT), California Highway Patrol (CHP), Foothill Transit and the Los Angeles County Department of Public Works to maximize the capacity and efficiency of the regional transportation network. The additional intelligent technology components will assist LACMTA in increasing the quantity and speed of data collection of real time travel/traffic data, processing and transmission to transit agencies. Real time data collection can support improved traffic signaling timing information, traffic signal timing data, Micro Transit data and LACMTA van pool on-demand services. The TCN will improve the bus rider’s experience by helping to facilitate transit signal priority, bus wi-fi, and bus timing information that can be relayed to bus riders. The TCN can also support event congestion data for LAX, Dodger Stadium, Hollywood Bowl and other large venues, including travel demand management services for the 2028 Olympic and Paralympic Games, including providing information on available parking spaces in Park-and-Ride lots.</li> <li>2. <u>Public Transit Promotion and LACMTA Communications</u> The TCN will assist LACMTA’s transportation public messaging and ability to broadcast this information in various creative ways to commuters to ensure public safety, maximize throughput of our congested road network, and promote public awareness of travel alternatives based on geography and time periods.</li> </ol>

**PRIVILEGED & CONFIDENTIAL WORKING DRAFT**

	<p>3. <u>Public Safety, Emergency Messaging.</u> The program will be incorporated into the alert information for the freeway messaging system and major arterial network for the region, including Earthquake Early Warning System information as well as Amber Alerts.</p> <p>4. <u>Transportation Technology Innovation Initiatives.</u> The program structures will be designed to include programs, such as 5G technology, as well as live video and security feeds to supplement the limited number of existing cameras on the freeway and street corridors. TCP will be designed to support future innovations such as Autonomous vehicles, Smart energy grids, and high-speed wireless cameras.</p> <p>5. <u>Revenue Generation for Transportation Projects.</u> The digital displays in the TCN will also allow off-site advertising. Revenue generated by this program will be utilized by the LACMTA and City to fund transportation programs.</p>
<b>Static Billboard Takedown</b>	The TCN will result in the removal of up to 320 static billboards from LACMTA property at no cost to LACMTA, of which approximately 200 are in the City of Los Angeles
<b>Potential Locations</b>	LACMTA will comply with all local, state and federal laws relating to locations and other aspects of the signs in accordance with the legislation to be enacted with respect to the LACMTA TCN and the signs that are a part thereof. Signs will not be placed in or within 200-feet of residential zones or will not be oriented facing residential zones within such 200-foot distance.
<b>City Review of Los Angeles Locations</b>	The LACMTA will notify the City of the locations and design of the TCN structures located in the City prior to commencement of environmental compliance review, as described below.
<b>Environmental Compliance Review and Local Legislative Approval</b>	<p>For any location for new transportation communications displays, the LACMTA acting as lead agency shall comply with all applicable requirements of the California Environmental Quality Act (“CEQA”) prior to implementation. Environmental compliance shall be conducted on a programmatic basis with respect to the initial locations that are included in the TCN, as such locations may be reasonably modified or updated from time to time. However, the MOA itself does not have any physical impacts and is not considered a project under CEQA.</p> <p>The enforceability of the LACMTA TCN shall be contingent upon the City enacting legislation that allows off-site advertising to be displayed on the signs. The LACMTA CEQA reports and analysis for the project shall encompass any City legislative changes needed</p>

**PRIVILEGED & CONFIDENTIAL WORKING DRAFT**

	to allow for the furtherance of this program. The City agrees to pay for 50% % of LACMTA’s or its agent’s cost of CEQA analysis and reports.
<b>Shared Revenue</b>	LACMTA and the City shall each receive 50% of the Net Advertising Revenue from the TCN displays located in the City of Los Angeles (the “Shared Revenue”). “Net Advertising Revenue” shall be defined as all revenue actually received by LACMTA from the placement of advertising media on the TCN displays during the applicable term, less Metro out of pocket expenses with respect to the LACMTA TCN, including, without limitation, operating expenses, CEQA and costs of litigation.
<b>Intent for Use of Funds</b>	<p>It is the intent of both Parties that funds are to be used for new, transit improvement projects and not as a subsidy for existing operations.</p> <p>The revenues from the TCN shall be used for transportation purposes consistent with the following goals of the LACMTA Vision 2028 Plan:</p> <ul style="list-style-type: none"> <li>• Provide high-quality mobility options that enable people to spend less time traveling</li> <li>• Deliver outstanding trip experiences for all users of the transportation system</li> <li>• Enhance communities and lives through mobility and access to opportunity</li> <li>• Transform LA County through regional collaboration and national leadership</li> </ul> <p>These goals require partnership with the City and complement existing City goals.</p> <p>Eligible uses shall benefit bus riders in City of Los Angeles, with a focus on low-income, persons of color in LACMTA’s defined Equity Focus Communities. Bus ridership in Los Angeles is disproportionately poor (median income of under \$18,000), Latinx, Black, or indigenous, and essential service workers.</p> <p>New funding presents an opportunity to reinvest in disadvantaged communities and provide more equitable outcomes in the City where, for example: (i) Metro’s NextGen Bus Plan calls for the significant increase of bus service, from 7 million bus service hours to 9.4 million bus service hours; (ii) 61% of bus stops in the City do not have shelters to shade bus riders from the hot sun; and (ii) 57% of bus stops in the City do not have seating for waiting riders.</p>
<b>Eligible Uses</b>	The City agrees to use such revenue for transportation related purposes as defined in Attachment A, Eligible Uses.



**PRIVILEGED & CONFIDENTIAL WORKING DRAFT**

	<p>LACMTA and the City will appoint an oversight committee comprised of representatives from LACMTA and City to mutually agree on a three year TCN expenditure plan for Eligible Uses. This TCN expenditure plan will be updated at least once every two years by mutual agreement. Each year, LACMTA will provide an estimate of the projected City’s Shared Revenues, but does not guarantee such Shared Revenues. City administrative and planning costs shall be no more than 0.5% per year of the TCN Expenditure Plan.</p>
<b>Disbursement of Funds and Audit</b>	<p>Funds will be disbursed initially to Metro for audit and verification; Metro will then remit the City’s portion within 60 days of verification of accuracy of funds.</p> <p>Metro will conduct a financial and compliance audit, comparable to those related to the Measure R and Measure M “local return” programs, to verify adherence to the Agreement. Audits will be performed in accordance with generally accepted auditing standards and include examining the amounts and disclosures in the City’s basic financial statements.</p> <p>It is the City’s responsibility to maintain proper accounting records and documentation to facilitate the performance of the audit. The City can be held accountable for excess audit costs arising from poor cooperation and inaccurate accounting records that would cause delays in the completion of the required audits.</p> <p>Non-compliance with the Eligible Uses or any other provision of the Agreement may result in the suspension of funds.</p>
<b>Effective Date</b>	<p>Date on which the Agreement is executed by both Parties.</p>
<b>Term</b>	<p>The Shared Revenue shall continue for the life of the digital display improvements that are environmentally cleared as per the MOA up to a period of 20 years. Following such 20-year period the City and LACMTA shall negotiate in good faith to extend the terms of this MOA.</p>
<b>Good Faith Negotiations</b>	<p>During the MOA negotiating period, each Party shall negotiate in good faith with the other Party to enter into an MOA for the implementation of the TCN in accordance with the terms set forth herein.</p>
<b>Further Assurances</b>	<p>This Term Sheet demonstrates the intention of the Parties in documenting and implementing a MOA that is necessary to permit the TCN. Each Party agrees that it will, at any time and from time to time, upon the written request of the other Party, do such further acts and things, as the requesting Party may reasonably request in order to effectuate the purposes of this MOA.</p>

**PRIVILEGED & CONFIDENTIAL WORKING DRAFT**

<b>Illumination/ Brightness</b>	The LACMTA shall coordinate with the City related to illumination, brightness and other requirements related to the transportation communications displays. The signs shall comply with the applicable sections of the City building code with respect to sign illumination.
<b>Assignment</b>	The MOA shall not be assigned by either Party.
<b>Governing Law</b>	This Term Sheet and the MOA shall be governed and construed in accordance with California law.

## **PRIVILEGED & CONFIDENTIAL WORKING DRAFT**

### **ATTACHMENT A**

#### **ELIGIBLE USES**

Eligible uses for shared revenues must produce benefits that align with the following priorities:

- Speed/service quality: improvement to the competitiveness of bus travel times and quality of service.
- Ease: improvement to the simplicity of paying and validating fare (e.g., on and off-board fare collection) on LACMTA and municipal buses, trip planning/wayfinding, accessibility of bus stops and key destinations, and the ease of the transfer experience.
- Safety and Comfort: improvement to the safety and security of bus riders on board and/or at a stop, including the cleanliness and comfort of the waiting environment.
- First/Last Mile: improving accessibility to and from transit stops and improving safety for pedestrians and cyclists in the general vicinity of transit stops.

Examples of eligible transportation investments include, but are not limited to:

- Corridor Improvements to Improve Bus Speed and Reliability
  - Signal priority
  - Bus only lanes
  - Bus lane colorization on high frequency bus areas
- Bus Stop Improvements (see Metro Transfers Design Guide)
  - Americans with Disabilities Act (ADA) Improvements at or near bus stops (bus landing/ADA pads, crosswalk upgrades, sidewalk replacements) up to and including adjacent intersections
  - Bus rider Information/signage at bus stops (non-commercial – rider alerts, next bus, transit service related, etc.); transit-related wayfinding
  - Shelters and shade protection (including shade trees)
  - Pedestrian Lighting at or near bus stops up to and including adjacent intersections
  - Seating or leaning improvements at bus stops
  - Recycling/trash receptacles
  - Maintenance and cleaning of bus stops and zones
- Bus Speed Improvement Infrastructure
  - Signalization of unsignalized intersections or signage upgrades
  - Intersection Transit Signal Priority hardware and software (new or upgraded, including reprogramming)
  - Stop reconfiguration: bulb-outs, lengthening of zones for multiple buses or larger capacity/multiple door buses (as dictated by demand)
  - Stop relocations (nearside to far side) with associated civil works
  - Bus pads at bus stops (in the street)
  - Queue jumps etc. (signage/stripping, signals)
  - Intersection improvements (widening beyond restriping)

**PRIVILEGED & CONFIDENTIAL WORKING DRAFT**

- All door validators for new and existing buses and/or pre-boarding fare collection equipment (validators)
- Intermodal hubs (see Metro Transfers Design Guide) – improvements to public rights-of-way adjacent to or part of intermodal hubs on Metro or other transit agency property
- Hubs and Layovers (passenger or non-passenger) to accommodate increased service frequencies:
  - Restriping existing hubs and layovers to add capacity
  - Construction of additional bays at existing facilities (including land acquisition)
  - Construction of new hubs or layovers (including land acquisition)
- LACMTA and municipal bus marketing, outreach, communication and community programs



# TRANSPORTATION COMMUNICATION NETWORK

## MEMORANDUM OF AGREEMENT WITH CITY OF LOS ANGELES

Executive Management Committee  
April 2021  
Item 44

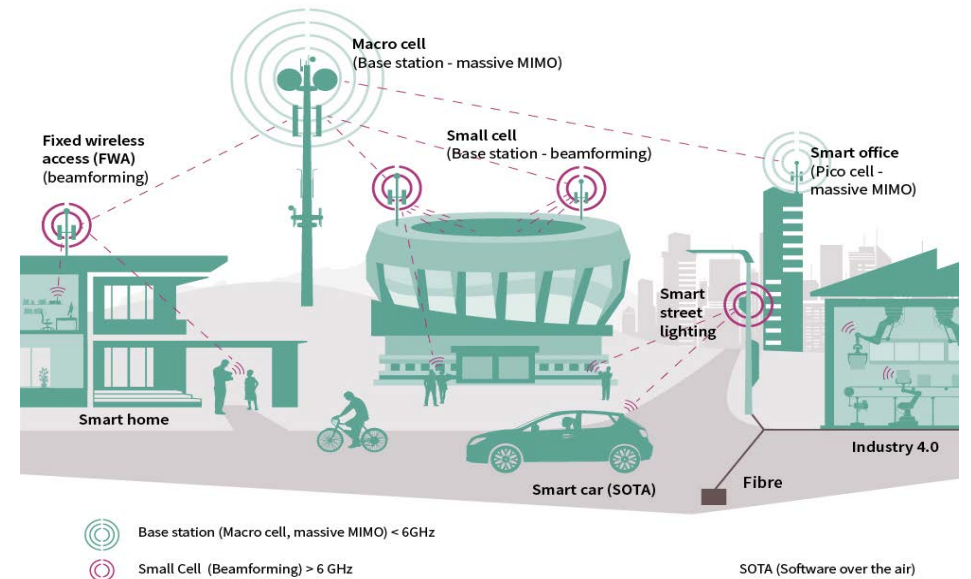


# BOARD ACTION

**AUTHORIZE the Chief Executive Officer (CEO) to execute a Memorandum of Agreement (MOA) with the City of Los Angeles for Metro's Transportation Communication Network (TCN) on Metro rail right-of-way within the City of Los Angeles**



*Autonomous Vehicles*



# TERMS OF THE MEMORANDUM OF AGREEMENT

- Metro is the lead CEQA agency
- Contingent on the City enacting legislation that allows Metro to have off-site advertising on signs
- The City and Metro each receive 50% of net revenues (after costs)
- 20-year term with provision to negotiate in good faith to extend
- City revenues to be used on new transit improvement projects such as
  - Speed/service quality
  - Ease of use
  - Safety and comfort
  - First/Last Mile



LA Metro's Emergency Security Operations Center



High Speed Wireless Cameras



# FINANCIAL IMPACT

- No impact to budget
- No capital outlay required
- Generates additional revenue



*LA Metro's Emergency Security Operations Center*



**High Speed Wireless  
Cameras**

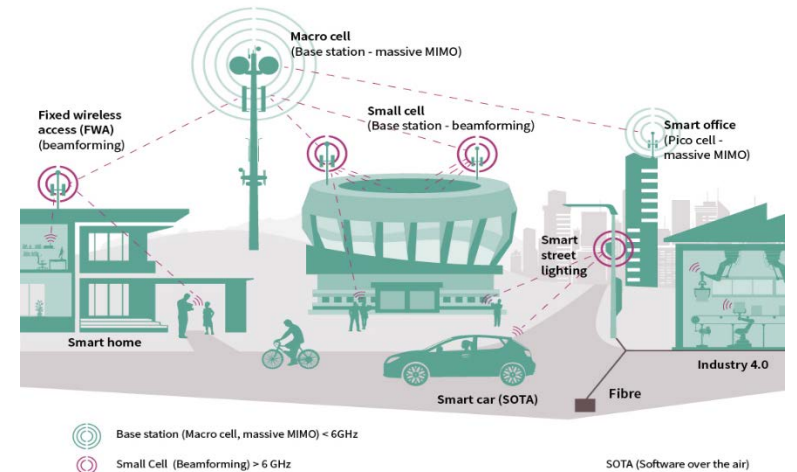




# NEXT STEPS

If approved,

- Metro Real Estate will work with the City of Los Angeles to execute the MOA.
- Upon Execution, Metro will commence the CEQA process at no upfront cost to Metro.
- Staff will return to the Board for CEQA approval before program implementation.





**Board Report**

**File #:** 2021-0185, **File Type:** Agreement

**Agenda Number:** 6.

**REGULAR BOARD MEETING  
APRIL 22, 2021**

**SUBJECT: NO-FEE LEASE OF METRO PROPERTY FOR CITY OF LOS ANGELES' SLAUSON CONNECT PROJECT**

**ACTION: APPROVE RECOMMENDATIONS**

**RECOMMENDATION**

CONSIDER:

- A. AUTHORIZING the Chief Executive Officer (CEO) to enter into a 30-year, no-fee lease agreement with the City of Los Angeles (City) to use a portion of the Metro-owned Harbor Subdivision Right-of-Way between Normandie and Budlong Avenues, City of Los Angeles ("Property"), for the City's Slauson Connect Project.
- B. DECLARING that the Property is not necessary for use by Metro and is "exempt surplus land" as defined in Section 54221(f)(1)(D) of the California Surplus Land Act (California Gov. Code Sections 54220-54234).
- C. CERTIFYING that the Board, acting as a responsible agency pursuant to the California Environmental Quality Act (CEQA) for the Slauson Connect Project, has considered the exemption documentation for the Slauson Connect Project and finds that the Slauson Connect Project is categorically exempt from CEQA and will not cause a significant impact on the environment.
- D. AUTHORIZING Metro Real Estate to file a Notice of Exemption with the Los Angeles County Registrar-Recorder/County Clerk.

**ISSUE**

The design of Segment A of the Metro Rail-to-Rail/River Project (R2R) is complete, and it will be constructed on the south half of the 81-foot-wide parcel between Normandie and Budlong Avenues. The City's Council District 9, under the lead of Councilmember Curren D. Price, Jr., has proposed a long-term lease on the north half of the parcel for the City's Slauson Connect Project. Board approval is required to authorize a 30-year no-fee lease, declare the land as exempt surplus, and certify the CEQA findings.

## **BACKGROUND**

The Harbor Subdivision ROW was acquired in 1993 from Burlington Northern Santa Fe (then The Atchison Topeka Santa Fe Railway Co.). It is part of a 24.5-mile rail corridor that stretches from south Los Angeles to the South Bay. The Property is along a stretch that is part of the R2R. Beyond R2R to the south is the Crenshaw/LAX Light Rail Project, and farther south of that will be the future C (Green) Line Extension to Torrance Project.

Since December 2015, the Property had been used as laydown and storage for the Crenshaw/LAX Project. That contractor vacated the Property in February 2021. It has since been taken over by the R2R contractor for its laydown and storage; that use is expected to end before the Slauson Connect Project moves to construction. The R2R team is coordinating with the Slauson Connect Project team and sharing design and environmental reports.

Prior to December 2015, the Property sat vacant. BNSF had not officially abandoned operating rights on the R2R stretch until 2019. However, there was no demand from any outside parties or Metro departments to use the site even prior to it being formally vacated.

### *Location*

The Slauson Connect Project is proposed to be located on the Property shown in Attachment A. The Property is located on a wide stretch of the Harbor Subdivision, adjacent to Segment A of the R2R. The R2R will include dedicated bike paths, a pedestrian path, and landscaping. The design of Segment A of the R2R is complete, and it will be constructed on only the south half of the 81-foot-wide parcel between Normandie and Budlong Avenues. The City is requesting this long-term lease as a partner project on the remainder, or north half of the parcel, approximately 40' x 1,237' or 49,480 square feet, for its proposed Slauson Connect Project.

### *Slauson Connect Project*

The Slauson Connect Project is envisioned to be a business incubator (for digital and technical businesses) and work resource center. The proposed 20,000 square foot facility will include a community meeting room and public spaces (that can also be used for transportation-related classes and events), indoor/outdoor spaces, dedicated bathrooms for Metro operators, and Metro ticket vending machines.

The City has designed the Slauson Connect Project's landscaping and open space to look almost seamless with the R2R's design, as if one planned project. Combined, the landscaping will create verdant outdoor space for users of both projects, and for the community at large, in this mostly industrial/commercial environment.

### *Applicable CEQA Categorical Exemption*

In consultation with the City of Los Angeles as the lead agency for the proposed Slauson Connect Project, Metro as a responsible agency for the Project has considered the relevant environmental issues as set forth in Attachment C. As indicated in the Attachment, the Slauson Connect Project has been evaluated by the City of Los Angeles, Department of Public Works, and been assessed as qualifying for a categorical exemption under the State CEQA Guidelines Section 15332 (Class 32 In-Fill Development Project).

Consistent with the attached Summary of Lease Terms (Attachment B), further negotiations between Metro and the City of Los Angeles are projected to result in a formal lease agreement, to be submitted to the Los Angeles City Council for vote and approval, at which time the City is projected to make its own CEQA findings as the lead agency, based upon the exemption documentation currently completed by the City's Department of Public Works. In acting as the governing body of a responsible agency for the Slauson Connect Project, this Board's consideration of the Attachments, including the relevant exemption documentation, and the Board's independent finding that the Slauson Connect Project meets all criteria of the Section 15332 exemption and will not cause a significant impact on the environment, will satisfy Metro's CEQA requirements for the Slauson Connect Project.

### *Exempt Surplus Land*

The California Surplus Land Act (California Government Code Section 54221 *et seq.*) (the "Act"), as amended in October 2019, provides for the disposition of "surplus land" or "exempt surplus land" as defined in the Act. "Surplus Land" means land owned in fee simple by any local agency for which the local agency's governing body takes formal action in a regular public meeting declaring that the land is surplus and is not necessary for the agency's use. Pursuant to the Act, land may be declared either "surplus land" or "exempt surplus land". As defined in Section 54221(f)(1)(D) of the Act, exempt surplus land includes "surplus land that a local agency is transferring to another local, state or federal agencies for the agency's use".

As mentioned above, the Property, comprising a total of approximately 49,480 square feet, is part of the Harbor Subdivision ROW that was originally acquired for future transportation projects. The Property has not been scheduled for use in connection with R2R because of the extra width of the parcel at this location. The City desires to use the Property for its Slauson Connect Project. Under these circumstances and pursuant to the Act, the Property is exempt surplus land.

## **DISCUSSION**

### *No-fee lease*

Metro staff recommends a no-fee lease for the Slauson Connect Project for the following reasons:

- The Property takes up the north-half of a wide parcel of ROW. Metro's R2R project requires only the south-half of the parcel, and there is no other Metro project planned for the foreseeable future.
- The Property is a narrow strip, approximately 40' wide, which has limited alternative use. Given its narrow configuration, it is very likely that the Property would remain vacant if Metro did not enter into this lease for Slauson Connect. Metro would incur costs to fence and maintain the vacant lot.
- The Slauson Connect Project adjacent to R2R would create a cohesive use and serve to enhance the attractiveness and utility of the R2R.
- The Slauson Connect Project has incorporated into its design several amenities for the benefit of Metro employees and patrons.
- The Slauson Connect Project meets the Metro Vision 2028/Strategic Plan objective to enhance communities and lives through mobility and access to opportunity

### *Term*

The City's funding grants for the Slauson Connect Project require a 30-year term. Since there are no additional Metro projects anticipated for the Property, staff recommends approval of the requested 30-year term.

### Equity Platform:

Slauson Connect will be a digital and technical business incubator and work resource center. Quoting from the City's grant application and engineering report, it will serve to "*spur the economic revitalization of the community, not just as a result of ongoing impacts of Covid-19*" but "*as the aftermath of disinvestment for nearly three-quarters of a century.*" The Slauson Connect Project meets pillars of Metro's Equity Platform goals: II. Listen and Learn; III. Focus and Deliver; and IV. Train and Grow.

### **DETERMINATION OF SAFETY IMPACT**

The Slauson Connect Project is anticipated to have minimal impact on safety, with planned mitigations. The R2R will initially install fencing that will separate it from the Slauson Connect section, before and during the Slauson Connect construction phase. However, the fence will ultimately be removed so both projects will serve as one cohesive development. Once the fence is removed, access to the R2R section will come strictly from the north side, along the common boundary of both projects; there will not be an actual crossing to Slauson Avenue, which is used solely for vehicle traffic. There will be no driveway or curb cuts from Slauson Avenue along this stretch. Reviews by Metro Engineering and Safety will ensure that no trees, bushes, other landscaping, or signage will be installed that could impede visuals from both sides of the boundary.

### **FINANCIAL IMPACT**

There will be no rent for this lease. There is no loss of revenue if this Slauson Connect lease is approved, because the property is not currently under a revenue-generating lease nor likely to be attractive for a future lease.

### Impact to Budget

Adoption of the recommended action will have no negative impact to the Fiscal Year 2022 budget for bus or rail operations.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

This project addresses and meets the following Metro Vision 2028/Strategic Plan:

- Provide high-quality mobility options that enable people to spend less time traveling;
- Deliver outstanding trip experiences for all users of the transportation system;

- Enhance communities and lives through mobility and access to opportunity; and
- Transform LA County through regional collaboration and national leadership;

### **ALTERNATIVES CONSIDERED**

The Board may choose to not approve this lease. If the lease is not approved, the City will likely not move forward with the Slauson Connect Project. Given the narrow dimensions of the Property, being 40' wide, it may not be suitable for leasing for other uses, and will thus remain vacant, making it an easy target for dumping, vandalism, and other illegal activities.

The Board may choose not to approve the lease at the April board meeting. This alternative is not recommended because the City will be using certain grant funding that is dependent on the City acquiring this long-term lease in April 2021.

### **NEXT STEPS**

If approved by the Metro board, the final terms of the lease will be negotiated, subject to County Counsel and Risk Management review. The City will also need to approve the lease and certify the environmental findings. Metro Real Estate will file a Notice of Exemption with the Los Angeles County Registrar-Recorder/County Clerk

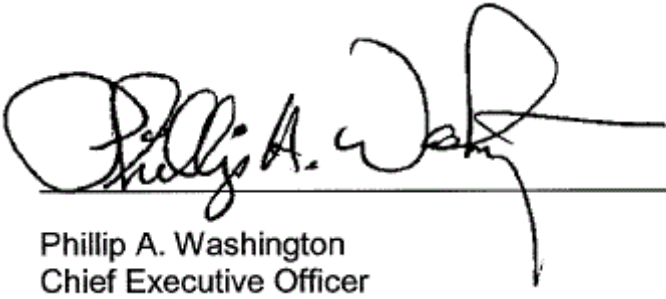
The Slauson Connect Project design and engineering plans will be submitted to Metro's Adjacent Development team which will route it through the usual review process. The work is being coordinated with R2R and other Metro teams.

### **ATTACHMENTS**

Attachment A - Site Drawing of Leased Property  
Attachment B - Summary of Lease Terms  
Attachment C - CEQA Exemption Documentation

Prepared by: Frances C. Impert, Senior Manager - Real Estate, (213) 922-2410  
John T. Potts, Executive Officer - Real Estate, (213) 418-3397  
Holly Rockwell, Senior Executive Officer, (213) 922-5585

Reviewed by: James de la Loza, Chief Planning Officer, (213) 922-2920



Phillip A. Washington  
Chief Executive Officer

# Attachment "A"

## Site Drawing of Leased Premises





# ATTACHMENT B

## SLAUSON CONNECT

### Summary of Terms and Conditions

The Los Angeles County Metropolitan Transportation Authority (“LACMTA”) and City of Los Angeles (City) have agreed to cooperate in Council District 9 and City’s efforts to construct a recreational facility and complete outdoor improvements, known as the Slauson Connect/Southern Pacific Trails (Project), on the Metro-owned railroad right-of-way (“Slauson ROW”).

It is understood and agreed that this letter does not contain all the essential terms that the parties expect will be part of the lease agreement for the Project. Further negotiations between the parties are contemplated before the binding agreement will be prepared. The performance by either party before execution of a formal agreement of any of the obligations that may be included in an agreement between the parties when negotiations are completed will not be considered evidence of intent by either party to be bound by the terms of this letter. Metro Board and City Council approval is required before the lease can be executed.

The general terms and conditions are as follows:

1. TERM. LACMTA and City agree in principle regarding construction of a Project along the Slauson ROW and to affect that effort, LACMTA is willing to issue a long-term ground lease for 30 years.
2. CONSTRUCTION IN FIVE (5) YEARS. If the project is not constructed within 5 years, the lease will be terminated, unless this time is otherwise extended by written agreement between the Parties.
3. RENT. There will be no charge for the ground lease.
4. SITE REMEDIATION. LACMTA has agreed to a specific scope of site remediation to be further defined in the MOU.
5. SURPLUS LAND ACT. LACMTA must comply with the State Surplus Land Act and will use reasonably best efforts to assist City in meeting the requirement of an exempt public project as defined in the Surplus Land Act.
6. ENVIRONMENTAL CLEARANCE. The City has compiled a CEQA analysis and will continue to make all documentation available for Metro’s consideration prior to lease execution.
7. INDEMNITY. The City will hold LACMTA harmless and indemnify LACMTA for its participation in the Project except for LACMTA’s sole negligence.
8. SUBLEASING/SUBLICENSING. City will agree not to sublease any part of the site for third-party, for-profit businesses without the written authorization of LACMTA.
9. DESIGN AMENITIES FOR LACMTA EMPLOYEES AND CUSTOMERS. The facility will reserve for Metro employees and customers the below uses. City and Metro will cooperate to determine exact locations, dimensions, specifications, terms, etc. as the project is being designed. The final floor plan will be approved in writing by Metro.
  - a. Indoor space for active transportation related classes
  - b. At least two nonpublic restrooms for transit operators
  - c. Public restrooms for pedestrians/cyclists
  - d. Cyclist related amenities such as water bottle filling stations, seating and shade areas, outdoor bike repair areas.
  - e. Designated parking areas for bicycles
  - f. Metro Ticket Vending Machines

COUNTY CLERK'S USE

**CITY OF LOS ANGELES**  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
 1149 S. BROADWAY, 7th FLOOR  
 LOS ANGELES, CALIFORNIA 90015  
**CALIFORNIA ENVIRONMENTAL QUALITY ACT**  
**NOTICE OF EXEMPTION**  
 (Articles II and III – City CEQA Guidelines)

Submission of this form is optional. The form shall be filed with the County Clerk, 12400 E. Imperial Highway, Norwalk, California, 90650, pursuant to Public Resources Code Section 21152(b). Pursuant to Public Resources Code Section 21167(d), the filing of this notice starts a 35-day statute of limitations on court challenges to the approval of the project.

<b>LEAD CITY AGENCY AND ADDRESS:</b> City of Los Angeles c/o Bureau of Engineering 1149 S. Broadway, Ste. 600, MS 939 Los Angeles, CA 90015	<b>COUNCIL DISTRICT</b>  9
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<b>PROJECT TITLE:</b> SLAUSON CONNECT RECREATION CENTER W.O. E1908821	<b>LOG REFERENCE</b>
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**PROJECT LOCATION:** The Project site is located at 5820 Normandie Boulevard, beginning at the northeast corner of Slauson Avenue and Normandie Blvd, and stretching east to Budlong Ave in the South Los Angeles community planning area. The overall project site is approximately 81feet wide by 1,250 feet long, totaling approximately 2.29 acres. See Figures 1 and 2. The site is owned by Metro and will be leased to the City via the Department of General Services through a 30-year lease agreement.

T.G. PAGE 673 - GRID J5 to PAGE 674 - GRID A5

**DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT:** The proposed Slauson Connect Recreation Center project includes a lease agreement between the City of Los Angeles and Metro, the site owner, and the construction by the City of a facility up to 20,000 square feet that would provide recreational space, a childcare center, and community meeting rooms. Public open space and pedestrian and bike trails would be created on the remainder of the site. The project has the goal of increasing recreational space, community meeting space, and child care opportunities in an underserved neighborhood in South Los Angeles (see narrative for additional information).

<b>CONTACT PERSON</b> Jan Green Rebstock	<b>CONTACT INFORMATION</b> Jan.Green.Rebstock@lacity.org
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<b>EXEMPT STATUS: (Check One)</b>	<b>CITY CEQA GUIDELINES</b>	<b>STATE CEQA GUIDELINES</b>
<input type="checkbox"/> MINISTERIAL	Art. II, Sec. 2.b	Sec. 15268
<input type="checkbox"/> DECLARED EMERGENCY	Art. II, Sec. 2.a(1)	Sec. 15269(a)
<input type="checkbox"/> EMERGENCY PROJECT	Art. II, Sec. 2.a(2)	Sec. 15269(b)(c)
<input type="checkbox"/> GENERAL EXEMPTION	Art. II, Sec. 1	Sec. 15061(b)(3)
<input checked="" type="checkbox"/> CATEGORICAL EXEMPTION*	Art. III, Sec. 1 Class 32	Sec. 15332
<input type="checkbox"/> STATUTORY*	Art. _____	Sec. _____
* See Public Resources Code Sec. 21080 and set forth state and city guidelines provisions.		

**JUSTIFICATION FOR PROJECT EXEMPTION:** This project is exempt from the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines Article 19, Section 15332. Additionally, the project is exempt pursuant to *Los Angeles CEQA Guidelines* Article III, Section 1 Class 32. The project involves in-fill development in an urbanized area. The project is consistent with the general plan designation, zoning and policies; the site is less than 5 acres; the site has no valuable habitat; it can be adequately served by required utilities and public services; and approval of the project would not result in any significant impacts to traffic, noise, air quality or water quality. *None of the limitations set forth in State CEQA Guidelines 15300.2 apply (see narrative).*

**IF FILED BY APPLICANT, ATTACH CERTIFIED DOCUMENT OF EXEMPTION FINDING**

<b>SIGNATURE:</b>		<b>TITLE:</b>	
FEE: \$75.00 _____	RECEIPT NO.	REC'D BY	DATE

## CATEGORICAL EXEMPTION NARRATIVE

### I. PROJECT DESCRIPTION, CONTINUED

The Slauson Connect Recreation Center project seeks to add much needed open space, increase the availability of recreational opportunities, and provide child care facilities in an underserved neighborhood in South Los Angeles. A building up to 20,000 square feet would be constructed to provide flex spaces to accommodate a variety of recreation related programs, a childcare center, and community meeting rooms. Public open space and pedestrian and bike trails would also be constructed.

The project site, located at 5820 Normandie Boulevard, begins at the northeast corner of Slauson Avenue and Normandie Blvd, and stretches east to Budlong Ave. The overall project site is approximately 81 feet wide by 1,250 feet long totaling approximately 2.29 acres. The site, a former railroad right-of-way, is owned by Metro and will be leased to the City via the Department of General Services. Most recently the site has been used as a soil storage site and to store construction materials.

Sustainable project design features include photovoltaic panels, a vegetated roof (Green Roof), and energy efficient mechanical, electrical and plumbing systems. The project would be designed and constructed to achieve a Silver level certification for the Leadership in Energy and Environmental Design (LEED) rating system of the latest United States Green Building Council (USGBC) requirements. In an effort to reduce construction costs and expedite the completion of the project, the City has decided to utilize a Design Build methodology to deliver the project. The City intends to utilize this project to bridge the small business work equity gaps within South Los Angeles by increasing the contractor's local hire goals beyond that of the Project Labor Agreement (PLA). Funding of the project would be through a combination of Community Development Block Grants (CDBG), Proposition K (LA for Kids Program), and Council Office Discretionary funds.

Technical studies have been prepared that discuss the creation of offsite parking to support a facility of up to 20,000 square feet. If the facility constructed is 10,000 square feet or less, it is likely that all parking would be accommodated onsite.

Construction of the proposed Project is anticipated to occur over 11 months, from April 2022 to March 2023. The anticipated hours of construction are 7:00 a.m. to 6:00 p.m., Monday – Friday and after 8 am on Saturdays. No construction would occur on Sundays.

Unless otherwise stated, the proposed Project will be designed, constructed and operated following applicable laws, regulations, ordinances and formally adopted City standards including but not limited to:

- Los Angeles Municipal Code
- Bureau of Engineering Standard Plans
- Standard Specifications for Public Works Construction
- Work Area Traffic Control Handbook
- Additions and Amendments to the Standard Specifications for Public Works Construction

### II. ENVIRONMENTAL REVIEW

#### Basis for Categorical Exemption

Class 32 Infill (CEQA Guidelines §15332) exempts projects characterized as in-fill development that meet the five conditions addressed in the following text:

- a) *The project is consistent with the applicable general plan designation and all applicable general*

*plan policies as well as with applicable zoning designation and regulations.*

The proposed Project is entirely consistent with the existing zoning, general plan and all other applicable land use regulations. The project is located on a former railroad right-of-way. The area is zoned PF-1, which allows for uses including open space and community uses. The area has a General Plan land use designation of Public Facilities, along with designations for MTA Right-Of-Way Project Area, Transit Priority Area, Redevelopment Project Area- Council District 9, and State Enterprise Zone- Los Angeles.

*b) The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.*

The proposed Project site is an urban infill site, substantially surrounded by industrial, commercial and residential uses. The site on which the development would occur is in a highly urbanized area. The Project site has surrounding land uses that are a mix of developments and infrastructure consisting of surface streets and parking.

*c) The project site has no value as habitat for endangered, rare or threatened species.*

The site for the proposed Project is disturbed without vegetative cover or other potential conditions suitable for biological resources.

*d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.*

Construction activities would not result in significant impacts related to traffic, noise, air quality, or water quality. See attached technical studies related to traffic, noise, air quality and historic records review related to hazardous materials. Project design and construction will comply with all regulatory requirements and standard specifications to address water quality concerns.

*e) The site can be adequately served by all required utilities and public services.*

The Project can be adequately served by all required utilities and public services because of the urban location and existing available resources.

In summary, Class 32 is intended to allow for infill projects that are consistent with the local General Plan and Zoning requirements. This class is not intended for projects that would result in any significant environmental impacts related to traffic, noise, air quality, or water quality. It may apply to residential, commercial, and/or mixed-use projects. As demonstrated in the text above, the proposed Project would require no change to land use zoning or designations and meets the requirements of Class 32.

### **Consideration of Potential Exceptions to use of a Categorical Exemption**

The State CEQA Guidelines (CCR Sec 15300.2) limit the use of categorical exemptions in the following circumstances:

**1. Location.** Exemption Classes 3, 4, 5, 6, and 11 are qualified by consideration of where the project is to be located – a project that is ordinarily not significant in its impact on the environment may be significant in a particularly sensitive environment. Therefore, these classes are considered to apply all instances except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.

This project is exempt from CEQA pursuant to State CEQA Guidelines Article 19, Section 15332 (Class 32). Therefore, this exception does not apply.

**2. Cumulative Impact.** This exception applies when, although a particular project may not have a significant impact, the cumulative impact of successive projects of the same type in the same place, over time is significant.

As a community use serving project, this project is not expected to result in any cumulative impacts. While other community and recreational use projects are occurring elsewhere in the City, they are occurring in different neighborhood locations and at different times. The proposed Project structures have an anticipated service life of approximately fifty years. Given the nature of the project and the life expectancy of the building structure, this project is not anticipated to result in a cumulative impact when considered with successive projects in the same place and over time. Other site improvements may be added in the future over time, such as additional recreational trails or stormwater management features, but they are not anticipated to result in any cumulative impacts.

**3. Significant Effect.** This exception applies when, although the project may otherwise be exempt, there is a reasonable possibility that the project will have a significant effect due to unusual circumstances. There is no reasonable possibility that the project will have significant effect due to unusual circumstances. Technical studies were prepared related to potential impacts from air quality, noise, traffic and hazardous waste from project construction activities and operations. All impacts were found to be less than significant.

## **Traffic and Transportation**

The City of Los Angeles revised its procedures for transportation analyses in response to Senate Bill (SB) 743. The City's current Transportation Analysis Guidelines (TAG) were adopted in July 2019 and updated in July 2020 and require use of vehicle miles traveled (VMT) as the primary metric for assessing impacts under California Environmental Quality Act (CEQA), rather than intersection level of service (LOS). The City's TAG also requires additional analyses of project consistency with City transportation plans and policies as part of the CEQA process, as well as an evaluation of a Project's potential to result in geometric design hazards. It is anticipated that the amount of soil that would be excavated for project construction is over 20,000 cubic yards for an approximately 20,000 square foot building. A Transportation Assessment Memorandum (Attachment 1) prepared for the proposed project concluded that as a local-serving retail land use with less than 50,000 square feet, the proposed project is screened from further VMT analysis, and on that basis is determined to have a less-than-significant VMT impact. Per the City's criteria, the City's VMT Calculator tool was used to document that the Project has been screened from further VMT analysis. As part of this process, trip generation estimates were prepared for the Project and are discussed in greater detail in the memo. With a 20,000 square foot facility, the proposed Project is estimated to generate 571 daily trips.

The proposed Project would be constructed in accordance with the latest edition of the temporary traffic control provisions of the California Manual on Uniform Traffic Control (CA MUTCD), the Work Area Traffic Control Handbook (WATCH), and any traffic control requirements required by the Los Angeles Department of Transportation (LADOT).

## **Air Quality/Green House Gases**

An Air Quality and Green House Gas Technical Report was prepared for the proposed Project (Attachment 2). Air quality impacts and greenhouse gas emissions from construction and operations would be less than significant. Best management practices include watering exposed areas four times a day to control dust during construction activities, in accordance with SCAQMD Rule 403, and the use

of USEPA Tier 4 engines for all off-road diesel-powered equipment greater than 50 horsepower used during construction.

## **Noise**

A noise technical study was conducted (Attachment 3). The nearest sensitive receptor to the site is a single-family residence located east of the project site and across Budlong Avenue, approximately 60 feet away. Four other sensitive receptors (residences) surround the site at distances varying from 70 feet to 295 feet. Noise levels at all locations from construction activities and project operations would be less than significant. Best management practices for the project include screening roof mounted HVAC equipment with a structural parapet, housing emergency generators within an enclosure, and beginning high-noise producing construction activities after 8:00 am.

## **Hazards and Hazardous Waste**

An environmental information database search was performed by EDR on March 12, 2021. The search included federal, state, tribal, and local databases. The site was not listed on any of the searched databases. Off-site properties/facilities listed in the database report were evaluated as to their potential to impact soil, soil vapor, and/or groundwater at the site. To supplement the information in the EDR report, the State Water Resources Control Board (SWRCB) GeoTracker and Department of Toxic Substances Control (DTSC) EnviroStor databases were reviewed. Several properties around the site to the north and south were listed on several environmental databases, including gasoline service stations, dry cleaning facilities, automotive repair shops, and plating facilities. The reported historical presence of USTs, former drycleaners, and listed releases of VOCs indicate that the site may have been impacted by these properties and is considered a VEC. See Historic Document Review (Attachment 4) for more information.

The site has been a railroad right-of-way (ROW) along Slauson Avenue to the south between 1923 and 2016. Equipment and materials often historically used in association with railroads, such as lead, ballast materials containing steel slag with potential regulated heavy metal concentrations, total petroleum hydrocarbon fuel leaks, polychlorinated biphenyl (PCB) leaks, and railroad lubricators utilizing petroleum products, normally have been used within the site. In addition, herbicides were often historically applied on railroad ROWs to prevent the growth of vegetation between railroad tracks. The presence of railroad tracks between 1923 and 2016 and associated staining observed in the 1970 aerial photograph is considered a recognized environmental condition (REC).

As part of the Metro Rail to Rail Active Transportation Corridor project, a Notice of Exemption and Categorical Exclusion were prepared by Metro in 2017 that discussed environmental sampling performed on the site. Concentrations of arsenic, lead, and semi-VOCs (SVOCs) were above cleanup goals. To clean up soils contaminated with arsenic, lead, and SVOCs, Metro has entered into a voluntary cleanup program (VCP) with DTSC. The spilled wood residue on the site is considered a REC. The potential presence of lead, arsenic, and SVOCs in connection with the ROW is also considered a REC. The project would follow Metro standards in complying with regulatory requirements from the California Public Utilities Commission (CPUC) and DTSC.

Recommendations as part of the Historic Document Review report include preparing a full Phase I ESA prior to obtaining title to the project site; conducting subsurface sampling of soil, soil vapor, and/or groundwater in areas of suspected impact mentioned in the recommended Phase I ESA; collecting soil samples at up to five feet bgs for waste characterization purposes; and preparing a soil management plan and site-specific health and safety plan (HSP) for construction activities detailing worker safety,

vapor monitoring, soil testing, and soil removal procedures. A Phase II ESA is currently underway on the site and is anticipated to be completed in June 2021. The City will follow the recommendations in the Phase II ESA regarding project design and construction activities.

Los Angeles is a vast urban area and it is not uncommon to find contaminated sites with past or present releases that have completed or are undergoing assessment and/or remediation throughout the region. Thus, it is not uncommon to find these conditions on project sites and this is not an unusual circumstance. The proposed project will follow regulatory requirements, standard best management practices, and Phase II ESA report recommendations. There is no reasonable possibility that the project will have a significant effect due to unusual circumstances.

**4. Scenic Highway.** A categorical exemption shall not be used for a project which may result in damage to scenic resources, including but not limited to, trees, historic buildings, rock outcroppings, or similar resources, within a highway officially designated as a state scenic highway.

The locations of excavation were referenced against the database of scenic highways at (<https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways>) and no scenic highway is located within the vicinity of the project or within the project site. Since the proposed project is not within a state designated scenic highway or within sight of any state designated scenic highway, this exception has no application.

**5. Hazardous Waste Site.** This exception applies when a project is located on a site listed as a hazardous waste site under Government Code Section 65962.5

As of March 12, 2021, the State Department of Toxic Substances Control (DTSC) (Envirostor database at [www.envirostor.dtsc.ca.gov](http://www.envirostor.dtsc.ca.gov)) and the California Regional Water Quality Control Board (RWQCB) (Geotracker database at <https://geotracker.waterboards.ca.gov/>) have not listed any contaminated sites within the project site; therefore, this exception does not apply. Furthermore, the project site is not listed as a hazardous waste site under Government Code Sections 65962.5. Therefore, this exception does not apply.

**6. Historical Resources.** This exception applies when a project may cause a substantial adverse change in the significance of a historical resource.

The project will occur within areas previously disturbed by grading and installation of sewer lines, maintenance holes, drop connections and other utilities. Excavation of the ground is anticipated for this project. The depth of excavation is not anticipated to exceed the depth of previously disturbed soil.

In the event that unanticipated historical artifacts were encountered, City Engineer Standard Specifications, Section 6-3.2, (Greenbook, 2012) states: "If discovery is made of items of archaeological or paleontological interest, the Contractor shall immediately cease excavation in the area of discovery and shall not continue until ordered by the Engineer." Therefore, during activities in which there will be ground disturbances (i.e., digging, drilling, etc.) if any evidence of archaeological, cultural, or paleontological resources are found, all work within the vicinity of the find shall stop until a qualified archaeologist can assess the finds and make recommendations. No excavation of any finds should be attempted by project personnel unless directed by a qualified archaeologist. Construction activities may continue in other areas. If the discovery proves significant under CEQA (Section 15064.5f; Public Resources Code or PRC 21082), additional work such as testing, or data recovery may be warranted.

The discovery of human remains is always a possibility during ground disturbances; State of California Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the Los Angeles County Coroner has made a determination of origin and disposition pursuant to PRC Section 5097.98. The Los Angeles County Coroner must be notified of the find immediately. If the human remains are determined to be prehistoric, the Coroner will notify the Native American Heritage

Commission, which will determine and notify a Most Likely Descendent (MLD). The MLD shall complete the inspection of the site within 48 hours of notification and may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

As indicated above, the project is not anticipated to result in a substantial adverse change in the significance of a historical resource. Therefore, no substantial adverse impact to cultural resources is anticipated, and as such this exception does not apply.

#### **IV. REFERENCES**

California Coastal Act of 1979.

City of Los Angeles Department of City Planning Parcel Profile Report. Assessor Parcel No. 5002015900. Retrieved on January 21, 2021, from NavigateLA <http://boemaps.eng.ci.la.ca.us/navigate/>

City of Los Angeles Environmental Quality Act Guidelines.

Health and Safety Code Section 7050.5

Historical Document Review. Slauson Connect Recreation Center Project. 5820 Normandie Avenue. ICF International. March 2021.

Los Angeles Municipal Code.

Public Resources Code Section 21082

Public Resources Code Section 5097.98

Slauson Connect Recreation Project. Air Quality and Greenhouse Gas Technical Report. ICF International. April 2021.

Slauson Connect Recreation Project. Noise Technical Report. ICF International. April 2021.

*Standard Specifications for Public Works Construction*. Greenbook, 2012 edition.

State CEQA Guidelines.

Transportation Assessment Memorandum for the Slauson Connect Recreation Center Project. Fehr and Peers. March 29, 2021.

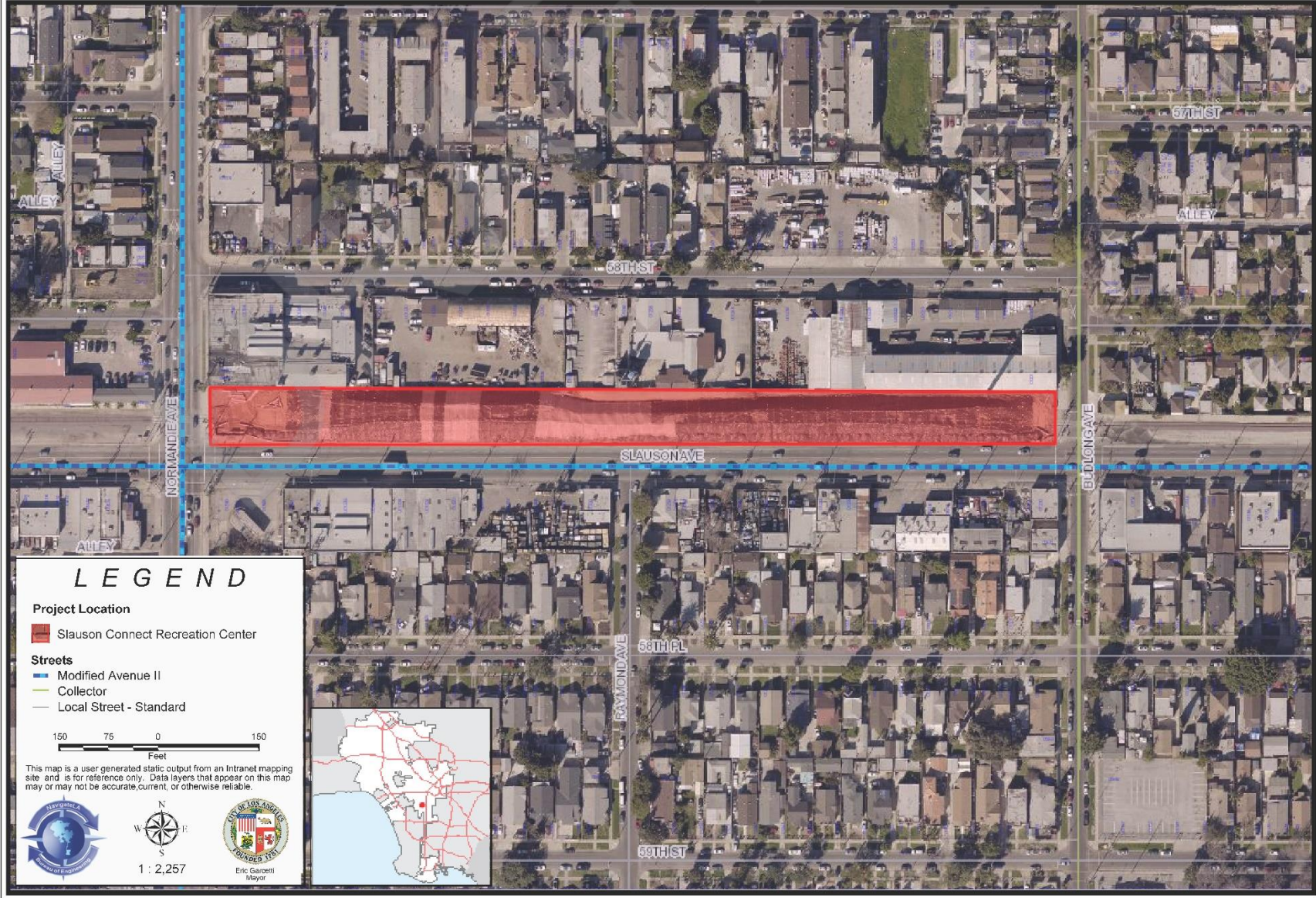


**Figure 1: Project Vicinity**  
**Slauson Connect Recreation Center**





**Figure 2: Project Site**  
**Slauson Connect Recreation Center**



# Memorandum

Date: March 29, 2021  
To: Jan Green Rebstock, LABOE and Tanvi Lal, ICF  
From: Netai Basu and Rachel Neumann  
**Subject: Transportation Assessment Memorandum for the Slauson Connect Recreation Center Project**

LA21-3266

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This memorandum summarizes the results of transportation analyses conducted for the Slauson Connect Recreation Center Project (Project) in accordance with City of Los Angeles *Transportation Analysis Guidelines (2020)* and the California Environmental Quality Act (CEQA).

The City of Los Angeles revised its procedures for transportation analyses in response to Senate Bill (SB) 743. The City's current Transportation Analysis Guidelines (TAG) were adopted in July 2019 and updated in July 2020 and require use of vehicle miles traveled (VMT) as the primary metric for assessing impacts under California Environmental Quality Act (CEQA), rather than intersection level of service (LOS). The City's TAG also requires additional analyses of project consistency with City transportation plans and policies as part of the CEQA process, as well as an evaluation of a Project's potential to result in geometric design hazards.

This memorandum summarizes the results of the CEQA transportation analyses required for the Slauson Connect Recreation Center Project, and includes a review of whether the project conflicts with an adopted City program, policy, plan, or ordinance related to transportation, substantially increases hazards due to a geometric design feature or incompatible use, and a VMT analysis.

## Study Scope

The scope of work for this study was determined in consultation with the Los Angeles Bureau of Engineering (BOE) and the Los Angeles Department of Transportation (LADOT) and is in accordance with the City's CEQA transportation thresholds of significance and LADOT's

*Transportation Assessment Guidelines* (TAG) adopted in July 2019<sup>1</sup> and revised in July 2020. The TAG establishes a set of guidelines, methods, and impact criteria for CEQA considerations that focus on vehicle miles traveled (VMT), geometric hazards, and policy conflicts. The TAG also establishes a framework for various non-CEQA analyses including a pedestrian, bicycle, and transit access assessment; a project access, safety, and circulation assessment; and project construction analysis. Each area of analysis is described in the TAG with a discussion of screening criteria, the methodology for analysis, impact/evaluation criteria, and potential mitigation options. Based on the screening criteria set forth in the TAG, the following issue areas described in the TAG are evaluated for the Project (the screening analysis is available in **Attachment A**):

<b>TAG Issue Area</b>	<b>Analysis Required?</b>
<i>CEQA Analyses:</i>	
Conflicts with Plans, Programs, Ordinances, and Policies	Yes
Causing Substantial Additional Vehicle Miles Traveled	Yes
Substantially Inducing Additional Automobile Travel	No
Geometric Design Features	Yes
<i>Non-CEQA Analyses:</i>	
Pedestrian, Bicycle, and Transit Access	No
Project Access, Safety, and Circulation	Yes
Project Construction	Yes
Residential Street Cut-Through	No

The base assumptions and technical methodologies were discussed in separate teleconferences held with LADOT on and then with BOE in March 2021. Due to the expedited schedule for completing this study, the analysis will be conducted in two phases, and LADOT waived the requirement to prepare a formal memorandum of understanding (MOU). This memorandum will cover the CEQA transportation analysis; the non-CEQA analysis required by the TAG will be conducted at a later date to be determined.

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<sup>1</sup> On July 30, 2019, the Los Angeles City Council adopted a resolution formally implementing the City's updated transportation thresholds of significance for CEQA analyses. The TAG is the document providing the guidance for conducting both CEQA and non-CEQA transportation analyses.



## Project Description

The Sluson Connect Recreation & Community Center Project seeks to add open space, recreational opportunities, and counseling and childcare facilities in an underserved neighborhood in South Los Angeles. According to the City's available planning documents the concept for the proposed facility is driven by social justice goals, and seeks to provide services that integrate the facility into the fabric of the community<sup>2</sup>. The three-story 20,000 square foot (sf) multi-faceted facility will also house a community meeting room and flex spaces to accommodate a variety of recreation-related social programs. The development is intended set the standard for sustainable design in South Los Angeles by incorporating a green roof, photovoltaic panels to meet net zero goals, stormwater capture and reuse systems, high-speed electric vehicle (EV) charging stations, and vertical gardens. The proposed Project footprint utilizes approximately one third of the overall site, as shown in Figure 1.

**Figure 1: Project Site Plan**



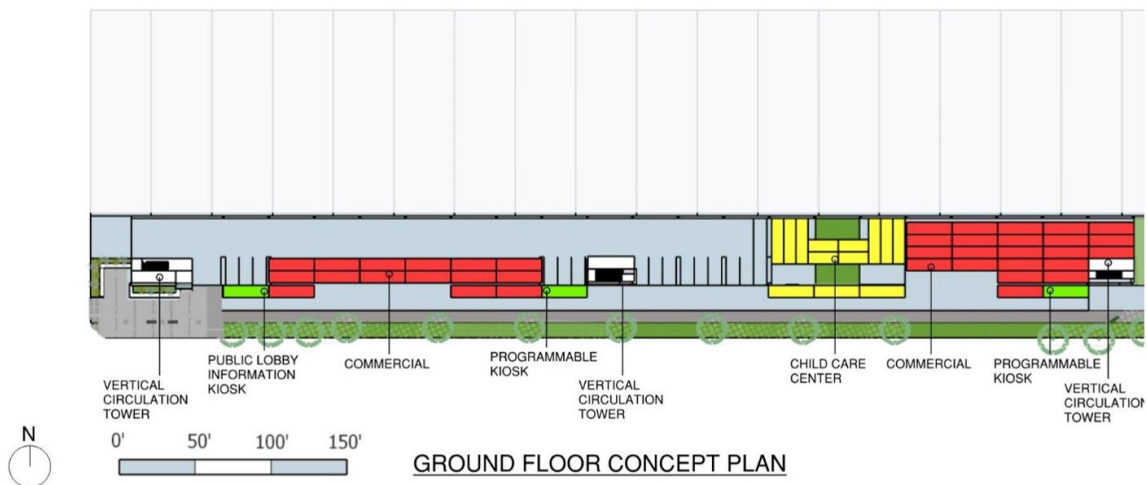
The 1,233-foot long by 81-foot wide 2.29-acre Project site is located at 5820 Normandie Avenue and bounded by Sluson Avenue to the south, Normandie Avenue to the west, Budlong Avenue to the east, and existing industrial developments to the north. It is owned by Los Angeles County Metropolitan Transportation Authority (Metro) and, until the early 2000s, was occupied by an active rail line known as the Harbor Subdivision. The site has most recently been used as a soil storage site in support of Metro K (formerly, the Crenshaw) Line construction. Metro is currently constructing an Active Transportation Corridor (ATC) with separate facilities for pedestrians and

<sup>2</sup> *Sluson Connect Recreation & Community Center Preliminary Supplemental Design Report*, BOE, July 17, 2020.

bicyclists along the rail right-of-way on the north side of Slauson Avenue between the Metro A (Blue) Line Slauson Station and the Metro K (Crenshaw) Line Fairview Heights Station. The Slauson Connect project will create a node along the new ATC. Metro welcomes the ATC-complementary Slauson Connect project and has offered the land free of charge with the stipulation that the ATC be unimpeded by the proposed Project.

In addition to the pedestrian facilities provided by the ATC, the Project will install sidewalks along the length of the Project frontage on Slauson Avenue adjacent to the ATC, and along Normandie Avenue. Vehicular access to the Project would be provided by a single two-way driveway located on the north end of Project site along Normandie Avenue. Access would be restricted to full-access ingress and right-turn egress only. The Project proposes to provide 14 parking spaces on-site in a ground-level garage contained within the structure of the building, as shown in Figure 2. This parking would be on the north end of the project site and would include three electric vehicle (EV) parking spaces and three handicapped spaces (Americans With Disabilities Act (ADA) compliant). The Project would also provide 10 short-term bicycle parking spaces and four long-term bicycle parking spaces in enclosed lockers. An additional 26 vehicle parking spaces, including six EV spaces and four ADA spaces, would be provided off-site in a separate lot located directly across the street from the proposed Project on the southeast corner of the intersection of Slauson Avenue & Normandie Avenue. That site is occupied by a vacant restaurant building, which would be demolished, and is served by four existing driveways, two on Slauson Avenue and two on Normandie Avenue.

**Figure 2: Ground Floor Conceptual Plan**



## Existing Conditions

A comprehensive data collection effort was undertaken to develop a detailed description of the existing transportation system in the study area. The assessment of conditions relevant to this

study includes a description of the study area, an inventory of the local street system near the Project site, the existing and planned bicycle & pedestrian facilities, and the current and planned transit service in the study area.

## Study Area

The project site is within the South Los Angeles Community Plan area of the city. The site is bounded by Slauson Avenue to the south, Normandie Avenue to the west, Budlong Avenue to the east, and existing industrial development immediately to the north. Development in the surrounding area is predominantly residential. The study area is an urban, semi-industrial setting located near transit with a variety of land uses and densities. The Project is considered infill development, as it is proposed to occupy a former railroad right-of-way. All the streets in the study area are under the jurisdiction of the City of Los Angeles.

## Existing Street System

Major roadways serving the study area include Slauson Avenue in the east/west direction and Normandie Avenue in the north/south direction. The Harbor Freeway (Interstate 110, I-110) lies approximately 1.1 miles east of the site. This freeway provides regional access to and from the study area and Downtown Los Angeles to the north and the Port of Los Angeles to the south.

The characteristics of the major roadways serving the study area are described below. The street descriptions include the designation of the roadway under the *Mobility Plan 2035, An Element of the General Plan* adopted by the Los Angeles City Council in September 2016. The Mobility Plan 2035 modified the City's street standards previously included in the City's Transportation Element to create a better balance between traffic flow and other important street functions including transit routes and stops, pedestrian environments, bicycle routes, building design and site access. The roadways in the study area are defined as follows in the Mobility Plan 2035:

- Freeways—High-volume, high-speed roadways with limited access provided by interchanges that carry regional traffic through and do not provide local access to adjacent land uses.
- Arterial Streets—Major streets that serve through traffic and provide access to major commercial activity centers. Arterials are divided into two categories:
  - Boulevards represent the widest streets that typically provide regional access to major destinations and include two categories:
    - Boulevard I provide up to four travel lanes in each direction with a target operating speed of 40 mph.
    - Boulevard II provides up to three travel lanes in each direction with a target operating speed of 35 mph.
  - Avenues pass through both residential and commercial areas and include three

categories:

- Avenue I provide up to two travel lanes in each direction with a target operating speed of 35 mph.
  - Avenue II provide up to two travel lanes in each direction with a target operating speed of 30 mph.
  - Avenue III provide up to two travel lanes in each direction with a target operating speed of 25 mph.
- Collector Streets—Generally located in residential neighborhoods and provide access to and from arterial streets for local traffic and are not intended for cut-through traffic. Collector Streets provide one travel lane in each direction with a target operating speed of 25 mph.
  - Local Streets—Intended to accommodate lower volumes of vehicle traffic and provide parking on both sides of the street. Local Streets provide one travel lane in each direction with a target operating speed of 15 to 20 mph. Local Streets can be:
    - Continuous local streets that connect to other streets at both ends
    - Non-Continuous local streets that lead to a dead-end

In addition, the Mobility Plan 2035 identifies corridors proposed to receive improved bicycle, pedestrian, transit and vehicle infrastructure improvements. Each of the networks are defined as the following:

- The Neighborhood-Enhanced Network (NEN) is a selection of streets that provide comfortable and safe routes for localized travel of slower-moving modes such as walking, bicycling, or other slow speed motorized means of travel.
- The Transit-Enhanced Network (TEN) is the network of arterial streets prioritized to improve existing and future bus service for transit riders.
- The Bicycle-Enhanced Network (BEN) is a network of streets that will receive treatments that prioritize bicyclists. Tier 1 Protected Bicycle Lanes are bicycle facilities that are separated from vehicular traffic. Tier 2 and Tier 3 Bicycle Lanes are facilities on roadways with striped separation. Tier 2 Bicycle Lanes are those more likely to be built by 2035.
- The Vehicle-Enhanced Network (VEN) identifies streets that prioritize vehicular movement and offer safe, consistent travel speeds and reliable travel times.
- The Pedestrian-Enhanced Districts (PEDs) identify where pedestrian improvements on arterial streets could be prioritized to provide better walking connections to and from the major destinations within communities.

Listed below are the primary streets that provide local access to the study area.



### East - West Streets

Slauson Avenue is designated as a Modified Avenue II located adjacent to the Project site to the north and has two lanes in each direction. Parking is generally not permitted on either side of the street. Left-turn pockets are present at all intersections in the study area. Within the study area, Slauson Avenue is part of the Transit Enhanced Network (as a Comprehensive Transit Enhanced Street) and the Bicycle Enhanced Network (as part of the Bicycle Path Network). It is also part of the High-Injury Network.

### North - South Streets

Normandie Avenue is designated as a Modified Avenue II and is located west of the Project Site. It provides two travel lanes in each direction. Parking is generally permitted on both sides of the street. Protected left turn lanes are provided at all major intersections. Within the study area, Normandie Avenue is designated as a Pedestrian Enhanced District and, north of Slauson Avenue, is on the High-Injury Network.

Budlong Avenue is designated as a Collector Street and is located east of the Project site. The roadway provides one travel lane in each direction. Parking is permitted on both sides of the street along most parts of the corridor. Within the study area, Budlong Avenue is part of the Neighborhood Enhanced Network.

### Existing Public Transit Service

The Project site is served by a number of public transit lines. Slauson Avenue is served by Metro Local Route 108; eastbound and westbound stops are provided adjacent to the Project site at both Normandie Avenue and at Budlong Avenue. Route 108 provides east-west service along Slauson Avenue between Pico Riviera and Marina del Rey, and also provides connections to the Metro A and J Lines Slauson Avenue stations. Normandie Avenue is served by Metro Local Route 206; the closest stops are provided at West 57<sup>th</sup> Street (northbound) and adjacent to the Project site at Slauson Avenue (southbound). Route 206 provides north-south service on Normandie Avenue between the Metro B (formerly the Red) Line Vermont/Sunset station in Hollywood and the Metro C (formerly the Green) Line Vermont/Athens station in the Athens neighborhood in South Los Angeles, and also provides a connection to the Metro D (formerly the Purple) Line Wilshire/Normandie station in Koreatown.

Regional transit service is provided by Metro Rail and Bus Rapid Transit. Bus Rapid Transit service is available approximately 1.1 miles away on the Metro J (formerly the Silver) Line at the Slauson Avenue station. The closest light rail stations are located on the Metro E (formerly the Expo) Line at the Western Avenue and Vermont Avenue stations. Both stations are approximately 2.5 miles from the Project site. Prior to the opening of the proposed Project, Metro will begin service on the K Line, a new light rail line currently under construction and expected to open in late 2021 or early 2022. Once service begins on the K Line, the closest light rail station would be located 2.1 miles

away, at the future Hyde Park station, and would be directly accessible from the Project site for bicyclists and pedestrians via the ATC.

Metro recently announced its NextGen Bus Plan with the goal of implementing a new bus network in Los Angeles County that is more relevant and reflective of local and regional travel needs. Both Routes 108 and 206 will be modified as a result of the NextGen Bus Plan. Route 108 on Slauson Avenue will see improved service frequency, and service will be truncated west of Sepulveda Boulevard. Route 206 will also see improved service frequency.

### **Existing Bicycle and Pedestrian Facilities**

There are no existing bicycle facilities within a half-mile of the Project site.

The existing pedestrian network is disjointed and deficient. There are currently no sidewalks adjacent to the Project site on Slauson, Normandie, or Budlong Avenues. For this reason, crosswalks are not provided on the north legs of the Project site-adjacent intersections of Slauson Avenue & Normandie Avenue and Slauson Avenue & Budlong Avenue. Curb ramps are not consistently provided at these intersections.

The *Mobility Plan 2035* identifies corridors proposed to receive improved bicycle, pedestrian and vehicle infrastructure improvements. Slauson Avenue is identified as part of the City's Bicycle Enhanced Network, particularly as part of the Bicycle Path Network. A 5.6-mile multi-use ATC is planned for the north side of Slauson Avenue between the Metro A Line Slauson Avenue station and the under-construction Metro K Line Fairview Heights station along the former rail right-of-way, and is currently under construction<sup>3</sup>. Construction on the ATC is expected to wrap up in Summer 2021. The ATC will provide a wide planted buffer between path users and the busy roadway, a 5-foot walking path for pedestrians, a 1-foot separated buffer between the pedestrian and bicycle facilities, and a 12-foot two-way bicycle path. Mixing zones at intersections would safely transition path users across the street, with bicyclists required to dismount, and curb access provided by ADA-compliant directional curb ramps. Other safety features of the project include pedestrian-scale lighting, left-turn protections, no right turn on red, automatic pedestrian phases, tight curb radii, and flush pedestrian crossings.

The Neighborhood Enhanced Network is the network of locally-serving streets planned to have traffic calming measures that close the gaps between streets with bicycle facilities. Within the study area, Budlong Avenue is designated as part of the planned Neighborhood Enhanced Network.

The High Injury Network (HIN) spotlights streets with a high concentration of traffic collisions that have resulted in severe injuries and deaths, with an emphasis on those involving people walking

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<sup>3</sup> <https://www.metro.net/projects/r2r/>

and bicycling. Both primary Project frontages are located on streets that have been identified by the City as part of the HIN. These include:

- Slauson Avenue
- Normandie Avenue

The Project driveway would be located on Normandie Avenue, on a HIN street. The off-site parking facility, located on the southeast corner of the intersection of Slauson Avenue & Normandie Avenue, would utilize existing driveways located on both Slauson Avenue and Normandie Avenue, both of which are HIN streets.

## **Vehicle Miles Traveled Analysis**

As part of new CEQA guidelines, proposed land use projects must assess whether they cause a substantial impact on vehicle miles traveled (VMT). The follow section summarizes an assessment of VMT generated by the Project.

LADOT developed a VMT Calculator tool to assess the potential VMT impacts of proposed development projects within the City. The VMT Calculator also assesses the effectiveness of selected Transportation Demand Management measures proposed for a project based on documented research. Analysis was conducted for the Project using the City's VMT analysis procedures and VMT Calculator.

### **VMT Impact Criteria**

The City's VMT impact criteria for development projects is specified in the TAG. Per the criteria, a development project would have a potential significant impact if the Project meets one or more of the following:

- For residential projects, a development project may have a potential significant impact if it generates household VMT per capita exceeding 15% below the existing average household VMT per capita for the Area Planning Commission (APC) area in which the project is located (see table below). This criterion would not be used since the Project does not have a residential component.
- For office projects, a development project may have a potential significant impact if it generates work VMT per employee exceeding 15% below the existing average work VMT per employee for the APC in which the project is located (see the table below). This criterion would not be used since the Project does not have an office component.
- Local-serving retail development tends to shorten trips and reduce VMT whereas regional-serving retail development can lead to substitution of longer trips for shorter ones and could increase VMT. Local-serving is defined as retail uses less than 50,000 square feet; these uses

are automatically assumed to have a less-than-significant impact. The TAG includes health clubs in its definition of local-serving retail; therefore, this criterion was applied to the Project VMT analysis.

- For mixed-use projects, evaluate each component separately and apply the impact criteria above for each individual land use. This Project is not a mixed-use project.

**VMT Impact Criteria (15% Below APC Average)**

<b>Area Planning Commission</b>	<b>Daily Household VMT per Capita</b>	<b>Daily Work VMT per Employee</b>
<b>Central</b>	6.0	7.6
<b>East LA</b>	7.2	12.7
<b>Harbor</b>	9.2	12.3
<b>North Valley</b>	9.2	15.0
<b>South LA</b>	6.0	11.6
<b>South Valley</b>	9.4	11.6
<b>West LA</b>	7.4	11.1

The Project is located in the South LA APC.

**Impact Analysis**

As a local-serving retail land use with less than 50,000 square feet, the proposed project is screened from further VMT analysis and on that basis is determined to have a less-than-significant VMT impact. Per the City’s criteria, the City’s VMT Calculator tool was used to document that the Project has been screened from further VMT analysis. As part of this process, trip generation estimates were prepared for the Project and are discussed in greater detail later in this memorandum. The proposed Project is estimated to generate 571 daily trips. The screening page of output from the VMT Calculator is provided in **Attachment B**.

*Cumulative VMT*

Per the TAG, a project could have a significant cumulative impact on VMT if the project has both a significant project-level impact as determined above and is not consistent with the Southern California Association of Governments’ Regional Transportation Plan/Sustainable Communities Strategy (SCAG RTP/SCS) in terms of development location, density, and intensity.

As noted above, the Project is not projected to have a significant impact on VMT and no VMT

analysis is required. Given its location in a dense area of the City of Los Angeles served by public transit and its provision of features to encourage walking and bicycling, the Project would be consistent with the applicable goals and objectives of the SCAG 2016-2040 RTP/SCS<sup>4</sup> to locate developments in infill locations served by quality public transportation and facilitating active transportation. Therefore, the Project's cumulative impact on VMT would not be significant.

## Trip Generation

As discussed in the Project Description, the proposed Project consists of a 20,000 sf multi-purpose recreation and community center. Trip generation rates from *Trip Generation, 10th Edition* (Institute of Transportation Engineers [ITE], 2017) were used to estimate the number of trips associated with the Project. The ITE 10<sup>th</sup> edition introduces and defines the geographic setting for four different settings/locations: Rural, General Urban/Suburban, Dense Multi-Use Urban, and City Core. In many instances, trip generation rates are provided for each land use by geographic setting. The Project is located in an area that meets the General Urban/Suburban ITE definitions; therefore, the trip generation rates for General Urban/Suburban were used. The total number of peak hour trips generated by the Project were adjusted to account for visitors to the site who would arrive by transit or other non-auto modes.

### Transit/Walk Adjustment

Consistent with LADOT policies for transit adjacent developments, and to promote projects that include walkable site design and that facilitate the use of transit, walking, and other non-motorized modes, a 10% transit adjustment may be applied to Project Sites located within ¼ mile of a public bus stop. The Project Site is located within ¼ mile of stops along two Metro local bus routes, and in close proximity to other regional transit lines, and a diversity of land uses within reasonable walking distance. The transit adjustment accounts for trips made to and from the Project Site using public transit. The 10% transit/walk trip credit likely underestimates the percent of visitors to the site who would arrive to the Project via transit, walking, or bicycling. The Project is located in an area with high transit-dependency<sup>5</sup>, suggesting that many visitors to the site would not have access to a vehicle to make their trip to the Project. Additionally, the Project's location directly along the Metro ATC provides an easy, safe, and comfortable way for visitors to arrive on foot or bicycle even from a distance, increasing the likelihood that a substantial proportion of visitors would choose non-auto transportation modes. Using the LADOT 10% transit/walk credit therefore provides a conservative estimate of the potential vehicle traffic generated by the proposed Project.

As shown in **Table 1**, the Project is estimated to generate 32 trips (21 inbound/11 outbound) during the AM peak hour and 42 trips (20 inbound/22 outbound) during the PM peak hour.

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<sup>4</sup> SCAG, April 2016,

<sup>5</sup> <https://www.metro.net/projects/r2r/>



TABLE 1

## Plans, Programs, Ordinances, or Policies Conflict Review

The City's TAG includes a review for conflicts with transportation-related plans, programs, ordinances, or policies. Based on applying the screening criteria, the threshold test is to assess whether a project would conflict with an adopted program, policy, plan, or ordinance that is adopted to protect the environment. A project would not result in an impact merely if it would not implement a particular program, policy, plan or ordinance. Rather, it is the intention of this threshold test to ensure that proposed development does not conflict with nor preclude the City from implementing adopted programs, plans, and policies.<sup>6</sup> Furthermore, under CEQA, a project is considered consistent with an applicable plan if it is consistent with the overall intent of the plan and would not preclude the attainment of its primary goals. A project does not need to be in perfect conformity with each and every policy. Finally, any inconsistency with an applicable policy, plan, or regulation is only a significant impact under CEQA if the policy, plan, or regulation was adopted for the purpose of avoiding or mitigating an environmental effect and if the inconsistency itself would result in a direct or indirect physical impact on the environment.

Per the TAG requirements, this evaluation was conducted by reviewing City documents such as the Los Angeles Municipal Code (LAMC), Los Angeles Mobility Plan 2035, Vision Zero plan, Citywide Design Guidelines, and the local community plan. **Attachment A** to this memorandum provides additional detail regarding the plans, programs, ordinances, and policies conflict review analysis which was conducted in accordance with the City's TAG and is summarized below.

The Project features and design support multimodal transportation options and would be consistent with policies, plans, and programs that support alternative transportation, such as those included in *Mobility Plan 2035*. The Project design includes features to minimize impacts to the public right-of-way and enhance the user experience by integrating multimodal transportation options. The Project proposes to add sidewalks on Slauson Avenue and Normandie Avenue, to provide direct access between bicycle parking facilities and Metro's planned ATC, and to plant street trees and improve street lighting around the building. The Project will provide short-term and long-term bicycle parking exceeding LAMC requirements.

The Project site would be served by a single driveway on Normandie Avenue at the north end of the parcel. Normandie Avenue is designated a Modified Avenue II. The Project would additionally provide access to an off-site parking facility located across the street on the southeast corner of the intersection of Slauson Avenue & Normandie Avenue. Access to the off-site parking facility is provided by two existing driveways each on both Slauson Avenue and Normandie Avenue. At this stage of Project design, site plans are conceptual only and no specific details are available on driveway or parking facility design or for the off-site parking facility, for example details on driveway width, driveway curb returns, or internal drive aisle widths. Final access and layout of all

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<sup>6</sup> Los Angeles Department of Transportation, *Transportation Assessment Guidelines*, page 2-2 (July 2020).



Project parking, on-site or off-site, would be completed in consultation and cooperation with LADOT and subject to review and approval by that department.

The Project would be developed in an industrial area of South Los Angeles along a former railroad right-of-way which has most recently been used a construction staging ground, and at the intersection of two streets on the City's High-Injury Network. There are no existing sidewalks, curb ramps, or crosswalks along the north side of Slauson Avenue due its use a railroad facility, but access to the right-of-way is not fenced and pedestrians do use it as a pedestrian space despite the existing hazards. The proposed Project is a complementary use to the ATC being developed by Metro along the north side of Slauson Avenue in the railroad right-of-way. The ATC will provide a convenient, comfortable, and safe way for Project site visitors to access the site via non-motorized transportation modes, and the Project will provide a refuge for ATC users to stop, rest, hydrate, recreate, and meet with friends. The two projects in tandem will transform walkability and bikeability in the Project area. The Project would not substantially increase hazards, conflicts, or preclude City actions to fulfill or implement projects associated with these policies and will improve walkability on streets fronting the Project site.

## **Geometric Design Feature Review**

This section discusses impacts regarding the potential increase of hazards due to a geometric design feature that generally relates to the geometric design of access points to and from the Project site and may include safety, operational, or capacity impacts. The Project is currently in the conceptual planning stage and final design documents are not available. The discussion below is based on the documents available today. The Project will be designed in accordance with relevant City standards and requirements as the planning progresses.

Primary pedestrian access to the Project would be provided at the ground level on Slauson Avenue and Normandie Avenue. Visitors and employees arriving to the Project site by bicycle would have the same access opportunities as pedestrians but would need to dismount and walk bicycles to parking within the building's interior. Pedestrian entrances would be separate from vehicular driveways and would provide access from the adjacent streets, parking facilities, and transit stops. Additionally, pedestrians and bicyclists would have direct access to the Project from Metro's planned ATC, which would run along the Project's south frontage on Slauson Avenue.

The Project's driveway would be designed to the City standards and would provide adequate sight distance, sidewalks, and pedestrian movement controls that meet the City's requirements to protect pedestrian safety. The proposed driveway would be located at the northern edge of the site, as far from north of Slauson Avenue as possible, and would intersect Normandie Avenue at a right angle. Street trees and other potential impediments to adequate driver and pedestrian visibility at this location are minimal.

The Project was analyzed with the following driveway:

- A two-way driveway on Normandie Avenue with full ingress and right-turn egress access. The driveway will be located at the north end of the project site, as far from the intersection with Slauson Avenue as possible.

Additionally, the Project would provide access to off-site parking at a lot directly across the street from the Project site at the southeast corner of the intersection of Slauson Avenue & Normandie Avenue. The off-site lot is the site of a now-disused restaurant and has two existing driveways on Slauson Avenue and two on Normandie Avenue. Access to the Slauson Avenue driveways would be restricted to full egress and right-turn egress only. The Normandie driveways would be limited to right-turn in and out access only.

While the driveway is located on a street on the City's High-Injury Network, the driveway would be designed to comply with LADOT standards. The driveways would not require the removal or relocation of existing passenger transit stops and would be designed and configured to avoid or minimize potential conflicts with transit services and pedestrian traffic. As a result, the Project would not substantially increase hazards or conflicts and would contribute to overall walkability through enhancements to the Project site. **Attachment A** contains more detailed responses to the TAG evaluation questions that support this conclusion.

## Summary

The proposed Project seeks to build a 20,000 sf recreation and community center at 5820 South Normandie Avenue, at the intersection with Slauson Avenue. The Project would utilize land owned by Metro in exchange for developing a complementary use to Metro's ATC, currently under construction along the north side of Slauson Avenue.

- The Project would provide vehicular access via one driveway on Normandie Avenue. Off-site parking would be provided across the street from the Project, at a parcel on the southeast corner of the intersection of Slauson Avenue & Normandie Avenue. The off-site parking facility is served by two driveways each on Slauson Avenue and Normandie Avenue. Development of the Project, in conjunction with development of the ATC, would greatly enhance pedestrian and bicycle safety in the Project area. Access to the on-site Project driveway and to the two off-site driveways located on Slauson Avenue would be limited to full ingress, but right-turn out egress only. The off-site parking facility driveways on Normandie Avenue would be limited to right-turn in and out only.
- The Project is screened from VMT analysis as a local-serving retail land use. It's VMT impact is assumed to be less than significant.
- The Project is consistent with the SCAG 2016-2040 RTP/SCS. Given its consistency and its less-than-significant project-level impact, the Project's cumulative impact on VMT would not be significant.
- The Project would support multimodal transportation options and would be consistent

with policies, plans, and programs that support alternative transportation.

- The Project would not substantially increase hazards, conflicts, or preclude City actions to fulfill or implement projects associated with these policies and will improve walkability on streets fronting the Project site.

**ATTACHMENT A**

**Detailed Responses in Support of Determining Plans, Programs, Ordinances, or Policies  
Applicability**

**ATTACHMENT B**

**City of Los Angeles VMT Calculator Version 1.3**

**Summary**

**ATTACHMENT A**

**Detailed Responses in Support of Determining Plans, Programs, Ordinances, or Policies  
Applicability**

# Attachment A: Slauson Connect Recreation and Community Center Project

## Detailed Responses in Support of Determining Plans, Programs, Ordinances, or Policies Applicability

*Adapted from Attachment D: Plan Consistency Workshop in Transportation Analysis Guidelines, LADOT, July 2020*

### I. Screening Criteria for Policy Analysis

If the answer is “yes” to any of the following questions, further analysis is required to demonstrate that the project does not conflict with a plan, policy, or program.

<b>Screening Criteria</b>	<b>Answer</b>
Does the project require a discretionary action that requires the decision maker to find that the decision substantially conforms to the purpose, intent and provisions of the General Plan?	Yes
Is the project known to directly conflict with a transportation plan, policy, or program adopted to support multimodal transportation options or public safety?	No
Is the project required to or proposing to make any voluntary modifications to the public right-of-way (i.e., dedications and/or improvements in the right-of-way, reconfigurations of curb line, etc.)?	Yes

## II. Plan Consistency Analysis

Question	Guiding Questions	Relevant Plans, Policies, and Programs	Evaluation
<b>A. MOBILITY Plan 2035 PROW Classification Standards for Dedications and Improvements</b>			
A.1	Does the project include additions or new construction along a street designated as a Boulevard I, and II, and/or Avenue I, II, or III on property zoned for R3 or less restrictive zone?	MP 2.1, 2.3, 3.2, and Mobility Plan 2035 Street Designations and Standard Roadway Dimensions	The project site is located along Slauson Avenue for the full length of the block between Normandie Avenue and Budlong Avenue. Normandie Avenue and Slauson Avenue are designated as Modified Avenue II in the project study area. Budlong Avenue is designated as a Collector Street. The project parcel is designated as PF-1 (Public Facilities – less restrictive than R3).
A.2	If A.1 is yes, is the project required to make additional dedications or improvements to the Public Right of Way as demonstrated by the street designation?		<p>No dedications would be required on an arterial street, but they would be on a Collector Street.</p> <p>Normandie Avenue is designated as a Modified Avenue II, meaning that the City has indicated that its current dimensions are appropriate despite not exactly aligning with the street standard for “unmodified” streets, and therefore widening the ROW is not required.</p> <p>Slauson Avenue is designated as a Modified Avenue II, meaning that the City has indicated that its current dimensions are appropriate despite not exactly aligning with the street standard for “unmodified” streets, and therefore widening the ROW is not required.</p> <p>On the Project’s east side along Budlong Avenue, which is designated as a Collector Street, the Project is dedicating 3’ to the public right-of-way as that roadway’s dimensions are currently deficient.</p>
A.3	If A.2 is yes, is the project making the dedications and improvements as necessary to meet the		N/A, see above. Dedications required only on a Collector Street (Budlong Avenue).



	designated dimensions of the fronting street (Boulevard I, and II, or Avenue I, II, or III)?		
A.4	If the answer to A.3. is NO, is the project applicant asking to waive from the dedication standards?		N/A.

**B. Mobility Plan 2035 PROW Policy Alignment with Project-Initiated Changes**

B.1	Does the project physically modify the curb placement or turning radius and/or physically alter the sidewalk and parkways space that changes how people access a property?	MP 2.1, 2.3, 3.2, 2.10, and Street Designations and Standard Roadway Dimensions	<p>The Project is located on a former railroad right-of-way. The Project site has most recently been used as a staging ground for construction of Metro’s planned Active Transportation Corridor (ATC). There is currently no formal access to the public to the Project site though it is not protected by a fence. The proposed Project would result in the development of one two-way driveway on Normandie Avenue at the north side of the Project site with with access restricted to full ingress (right and left turns in to the Project site allowed) and right-turn out egress. The driveway would be designed to meet City standards. At the off-site parking facility located on the southeast corner of the intersection of Slauson Avenue &amp; Normandie Avenue, there are two existing driveways each on both Slauson Avenue and Normandie Avenue. Access at the Slauson Avenue driveways would be limited to right-turns in and out, with left-turns prohibited. Access at the Normandie Avenue driveways would be the same as that at the primary project driveway: full ingress allowed, but egress limited to right-turn out.</p> <p>The project makes no changes such that the Project would be supportive of and/or would not preclude implementation of or conflict with <i>Mobility Plan 2035</i> policies such as:</p> <p><u>2.1 Adaptive Reuse of Streets</u>: Urban streets serve multiple purposes that not only include travel but also play a role in providing other roles such as landscaping and drainage. The Project proposes to add sidewalk and street trees and improve street and pedestrian lighting around the Project site.</p> <p><u>2.3 Pedestrian Infrastructure</u>: This policy recognizes walking as a component of every trip and ensures high quality pedestrian access is considered in all site planning and public right-of-way</p>
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			<p>modifications to provide a safe and comfortable walking environment. The Project proposes to add sidewalks and street trees and improve street and pedestrian lighting around the Project site, and would provide direct access to the ATC.</p> <p><u>3.2 People with Disabilities:</u> When designing developments, it is important to accommodate the needs of all people with varying levels of mobility. The sidewalks around the perimeter of the Project site will be ADA-compliant.</p> <p><u>2.10 Loading Areas:</u> When designing developments, it is important to consider a loading area that minimally impacts other travelers such as people driving or walking. As a public facility, the Project does not require any commercial or residential loading areas. Loading activities will be done off-street within the Project site.</p>
B.2	Does the project add new driveways along a street designated as an Avenue or a Boulevard that conflict with LADOT's Driveway Design Guidelines?	MP 2.10, PL.1, CDG 2, MPP 321	<p>The Project would add one new two-way driveway on Normandie Avenue.</p> <p>The Manual of Policies and Procedures (MPP) Section 321 requires that driveways be placed on the non-arterial street when a project is located at the intersection of an arterial street and a non-arterial street and access is possible from the non-arterial street. Normandie Avenue and Slauson Avenue are both arterial streets (Modified Avenue II), Budlong Avenue is a Collector Street. It is unknown whether access is possible from Budlong Avenue. Access to the Project site from Slauson Avenue is not available due to the ATC planned on that frontage.</p> <p>One driveway is permitted per 200' of building frontage. The Project frontage along Normandie Avenue is 45'. Therefore, the number of driveways is consistent with MPP 321 guidelines.</p> <p>No two-way left-turn channelization is provided on Normandie Avenue adjacent to the Project site. MPP 321 requires driveways in these situations to be sited as far from the intersecting street as possible. The Project's only driveway is planned for the very north end of the project site, as far from Slauson Avenue as possible given the Project's narrow width. Additionally, driveway access is limited to full ingress, but right-turn out only. Therefore, the driveway location is consistent with MPP 321.</p> <p>At the off-site parking facility located on the southeast corner of the intersection of Slauson Avenue &amp; Normandie Avenue, there are two existing driveways each on both Slauson Avenue and Normandie Avenue. Access at the Slauson Avenue driveways would be limited to right-turns in</p>

			<p>and out, with left-turns prohibited. Access at the Normandie Avenue driveways would be the same as that at the primary project driveway: full ingress allowed, but egress limited to right-turn out. The off-site parking location is currently fenced and access is limited; however, vehicles do still park there currently and the driveways remain in use. Therefore, the Project's use of these driveways does not represent a new driveway.</p> <p>At this stage of Project design, site plans are conceptual only and no specific details are available on driveway or parking facility design or for the off-site parking facility, for example details on driveway width, driveway curb returns, or internal drive aisle widths. It is anticipated that the Project driveways and parking facilities will be designed to meet all City standards and plans will be reviewed for consistency by all relevant City agencies. Therefore, it is concluded that the Project driveways and internal circulation design would be consistent with MPP 321.</p>
B.2.1	<p>Would the physical changes in the public right of way or new driveways that conflict with LADOT's Driveway Design Guidelines degrade the experience of vulnerable roadway users such as modify, remove, or otherwise negatively impact existing bicycle, transit, and/or pedestrian infrastructure?</p>	<p>Mobility Plan 2035: Transit Enhanced Network, Bicycle Enhanced Network, Bicycle Lane Network, Pedestrian Enhanced District, Neighborhood Enhanced Network, High Injury Network, TOC Guidelines</p>	<p>In the Project area, Normandie Avenue is designated a Pedestrian Enhanced District and is on the High-Injury Network. Slauson Avenue is designated as part of the Bicycle Enhanced Network (Bicycle Path), the Transit Enhanced Network (Comprehensive Transit Enhanced Street), and is also on the High-Injury Network (HIN). Budlong Avenue is on the Neighborhood Enhanced Network.</p> <p>No physical changes are proposed in the public right-of-way with the exception of the driveway on Normandie Avenue. The Project's driveway would not conflict with LADOT's Driveway Design Guidelines. The Project has proposed to provide access to off-site parking, to be located on a parcel located on the southeast corner of the intersection of Slauson Avenue &amp; Normandie Avenue, across the street from the Project. This would require site visitors to cross the street after parking their vehicle in order to access the Project site. The existing environment today is not pedestrian-friendly and pedestrians currently use the railroad right-of-way as a sidewalk. The Project's proposed improvements, in conjunction with the development of the ATC, will transform pedestrian safety and comfort in the area, thereby greatly improving conditions compared to today. Project visitors utilizing the off-site parking facility will have access to the Project site via an existing continental crosswalk. Additional improvements, such as ADA-compliant curb ramps on the southeast corner, may be required by City agencies during the approval process.</p> <p><u>Pedestrian Enhanced District:</u> Mobility Plan 2035 identifies Pedestrian Enhanced Districts (PED) where initial analysis suggests arterials can be improved and further analysis and prioritization will occur as funding and projects become available. Normandie Avenue is designated as a PED. The</p>

			<p>Project will install one new driveway on Normandie Avenue, consistent with LADOT’s design guidelines. Driveway turn restrictions will limit potential conflict points between vehicles and pedestrians. The Project will also install a planted parkway and sidewalk along Normandie Avenue where today none exists, thereby improving the pedestrian environment.</p> <p><u>Neighborhood Enhanced Network:</u> The Neighborhood Enhanced Network (NEN) is a selection of local streets to provide comfortable and safe routes for localized travel of slower-moving modes, such as walking or biking. The Project frontage along Budlong Avenue is part of the NEN. The Project would not conflict with, limit, or preclude the City’s ability to implement programs and policies in furtherance of the NEN.</p> <p><u>Transit Network:</u> This policy identifies specific streets as part of the Transit Enhanced Network (TEN) to receive improvements that enhance the performance and reliability of existing and future bus service. The Project frontage along Slauson Avenue is located on the TEN. The Project would not conflict with, limit, or preclude the City’s ability to implement programs and policies in furtherance of the TEN.</p> <p><u>Bicycle Networks:</u> This policy establishes a Bicycle Enhanced Network (BEN), which is comprised of protected bicycle lanes and bicycle paths, to provide bikeways for a variety of users. The Project frontage along Slauson Avenue is located on the TEN. The Project will be designed to provide direct access to the planned ATC envisioned for the north side of Slauson Avenue, and it will provide more bicycle parking than is required by City code. Additionally, the mix of uses envisioned for the Project will complement the ATC, providing a place for users to meet friends, recreate, drop off young children at childcare on the way to work, etc.</p> <p><u>Vision Zero:</u> Normandie Avenue and Slauson Avenue are part of the Vision Zero High Injury Network. The Project would not conflict with, limit, or preclude the City’s ability to implement programs and policies in furtherance of improving safety on the HIN. The Project’s siting on the ATC increases the likelihood that visitors will arrive by non-motorized modes and possibly reduces the number of vehicles on the roadway.</p>
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B.2.2	Would the physical modifications or new driveways that conflict with LADOT's Driveway Design Guidelines preclude the City from advancing the safety of vulnerable roadway users?		The Project driveway would be consistent with LADOT's Driveway Design Guidelines. Implementation of the driveway would not preclude the City from advancing the safety of vulnerable roadway users.
<b>C. Network Access</b>			
C1.1	Does the project propose to vacate or otherwise restrict public access to a street, alley, or public stairway?	MP 3.9	No, the Project does not propose to vacate or restrict public access to a street, alley, or public stairway.
C.1.2	If the answer to C.1.1 is Yes, will the project provide or maintain public access to people walking and biking on the street, alley or stairway?		N/A.
C.2.1	Does the project create a cul-de-sac or is the project located adjacent to an existing cul-de-sac?	MP 3.10	No, the Project does not propose to create a cul-de-sac nor is it located adjacent to an existing cul-de-sac.
C.2.2	If yes, will the cul-de-sac maintain convenient and direct public access to people walking and biking to the adjoining street network?		N/A.

**D. Parking Supply and Transportation Demand Management**

D.1	Would the project propose a supply of onsite parking that exceeds the baseline amount as required in the Los Angeles Municipal Code or a Specific plan, whichever requirement prevails?	MP 3.8, 4.8, 4.13	<p><u>4.13 Parking and Land Use Management:</u> This policy states that excessive parking can incentivize undesirable behavior or result in large areas of vacant land that make it harder to reach destinations without a vehicle.</p> <p>The basic code requirement for Project has been calculated by the project development team at 40 spaces. The Project intends to seek parking reductions due to its bus lines. The supply of on-site parking will be 14 spaces, including 3 electric vehicle parking spaces and 3 ADA spaces. The Project will redevelop the property on the southeast corner of Normandie Avenue &amp; Slauson Avenue to provide an additional 26 parking spaces. Together this will be provide a total of 40 parking spaces to support the Project.</p> <p>The parking supply will equal 1 space per 500 square feet which is consistent with what is required for projects located in a State Enterprise Zone per LAMC Section 12.21A4(x)(3). This parking ratio is also what is required for commercial businesses and offices, including government offices. This supply will not exceed the baseline amount as required by the Los Angeles Municipal Code.</p>
D.2	If the answer to D.1. is YES, would the project propose to actively manage the demand of parking by independently pricing the supply to all users (e.g. parking cash-out), or for residential properties, unbundle the supply from the lease or sale of residential units?		N/A.
D.3	Would the project provide the minimum on and off-site bicycle parking spaces as required by Section 12.21 A.16 of the LAMC?		<p><u>3.8 Bicycle Parking:</u> The Project is providing on-site bicycle parking consistent with the City's Bicycle Parking Ordinance. Bicycle parking requirements are not identified specifically for community and recreation centers. The most relevant comparative land uses, office and institutional uses, require one short-term bicycle parking space per 10,000 square feet and one long-term bicycle parking space per 5,000 square feet. Using this metric, the Project would be</p>

			required to provide two short-term bicycle parking spaces and four long-term bicycle parking spaces. The Project plans to provide a total of 10 short-term bicycle parking spaces and four long-term bicycle parking spaces (enclosed lockers), exceeding the minimum requirement.
D.4	Does the Project include more than 25,000 square feet of gross floor area construction of new non-residential gross floor?		No. The Project proposes the construction a multi-purpose recreation and community center with 20,000 square feet.
D.5	If the answer to D.4. is YES, does the project comply with the City's TDM Ordinance in Section 12.26 J of the LAMC?		N/A.
<b>E. Consistency with Regional Plans</b>			
E.1	Does the Project or Plan apply one the City's efficiency-based impact thresholds (i.e. VMT per capita, VMT per employee, or VMT per service population) as discussed in Section 2.2.3 of the TAG?		The project is screened out of VMT analysis based on its size, per Section 2.2.2 of the TAG (retail < 50,000 square feet). Therefore, the project does not apply one of the City's efficiency-based impact threshold as discussed in Section 2.2.3.
E.2	E.2 If the Answer to E.1 is YES, does the Project or Plan result in a significant VMT impact?		N/A.
E.3	If the Answer to E.1 is NO, does the Project result in a net increase in VMT?		N/A.

E.4	If the Answer to E.2 or E.3 is YES, then further evaluation would be necessary to determine whether such a project or land use plan would be shown to be consistent with VMT and GHG reduction goals of the SCAG RTP/SCS		N/A.
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## Review of Consistency with Current South Los Angeles Community Plan

The South Los Angeles Community Plan was updated and adopted in 2017. The 2017 plan is currently in effect and forms the basis for this review of conflicts relating to the transportation system.

The South Los Angeles Community Plan (SLACP) is one of 35 community plans in the City of Los Angeles that establishes the policies and programs that inform the framework for local land use, circulation, and service systems within the selected community plan area. Per the City’s new TAG, a review of the SLACP was conducted to evaluate whether the Project conflicts with or precludes the implementation of the community plan framework.

The SLACP contains transportation-related objectives, policies, and programs in Chapter III, Land Use and Urban Design, and in Chapter IV, Mobility. The following objectives, policies, and programs are relevant to the Project:

Policy LU9.1 – Design for Pedestrians. Preserve, enhance, and expand existing pedestrian orientation along commercial streets through design standards such as maintaining a uniform street frontage and locating parking at the rear of lots.

*The Project’s only driveway would be located at the rear of the property and parking would be located at the ground level but hidden from view within the Project building.*

Policy LU9.10 – Minimize Curb Cuts. Minimize curb cuts along boulevards and encourage vehicular access from alleys or side streets.

*The Project would provide direct vehicular access via one driveway only, located on Normandie Avenue at the rear of the project site. The Project would provide access to an off-site parking facility located on the southeast corner of the intersection of Slauson Avenue & Normandie*



*Avenue, which currently has four driveways total, two each on Slauson Avenue and Normandie Avenue. Final access and layout of all Project parking, on-site or off-site, would be completed in consultation and cooperation with LADOT and subject to review and approval by that department.*

Policy LU13.7 – Daily Needs Within Walking Distance. Encourage walkability within Neighborhood Commercial areas by fostering a variety of uses that serve the daily needs of adjacent residential areas.

*The Project aims to serve the immediate community by providing services that integrate it into the community fabric. Initial concepts for the Project building envision transparency between the interior commercial spaces and the sidewalk outside, and include windows on the Project's north elevation that visually connect the community activities conducted within the building with the residential neighborhoods the Project would serve. The Project would provide a wide range of critical services to the community, including career and social counseling, childcare, office space, community meeting space, recreational facilities, and flexible commercial spaces.*

LU19.6 – First/Last Mile Improvements [in Transit-Oriented Districts]. Coordinate with the Mobility Hubs Program to plan, design, construct, operate, and maintain first/last mile improvements near existing Metro light rail stations, the Slauson Avenue ATC, the Silver Line Transitway, Bus Rapid Transit stations, and future Vermont Bus Rapid Transit Stations.

*The Project, located at the convergence between the Slauson/Western Transit-Oriented District and the Slauson/Vermont Transit-Oriented District, would provide direct access to Metro's planned ATC, and would provide more bicycle parking than required by City code.*

Policy LU19.9 – Sustainable Mobility Options [in Transit-Oriented Districts]. Encourage sustainable mobility options including transportation options for persons who do not have cars or want to use their cars less and promote the use of taxis, rental cars, shared cars, shared bicycles, van pools, shuttles, secure bicycle parking, consolidated pick-up and drop-off areas for Transportation Network Companies (TNCs), and other short trip and first/last mile connections to transit. Encourage the location of these services and bus layovers near Metro light rail stations and major transit nodes, especially the Slauson Avenue ATC, the Silver Line Transitway, Bus Rapid Transit stations, and future Vermont Bus Rapid Transit stations.

*The Project would provide direct access to Metro's planned ATC, and would provide more bicycle parking than required by City code.*

Policy M2.1 – Streetscapes. Encourage and support streetscape improvements in neighborhood district commercial areas and transit-oriented development areas in order to foster the appeal of the street as a gathering place, including street furniture, well-maintained street trees, publicly accessible courtyards, wide sidewalks, bicycle access and appropriate traffic control measures to reduce travel speeds.

*The Project would install a new sidewalk and parkway on Normandie Avenue, and a new sidewalk on Slauson Avenue adjacent to Metro's planned ATC. Additionally, the Project would provide direct access to Metro's planned ATC, would provide pedestrian access from Slauson Avenue into the Project's parking facility, allowing bicyclists using the ATC and visiting the Project to dismount on the ATC and walk their bicycle directly to the Project-provided bicycle parking without needing to cross a vehicular travelway and eliminating the possibility for conflicts with vehicles. The Project would additionally provide more bicycle parking than required by City code.*

Policy M2.2 – Pedestrian Access. Encourage walking by orienting building entrances to face the streets and sidewalks when designing access to new developments and buildings.

*The Project would provide multiple access points for pedestrians and bicyclists along its frontages along Slauson Boulevard and Normandie Avenue,, and would provide direct access to Metro's planned ATC.*

Policy M2.3 – Priority Pedestrian Routes. Streets within commercial, transit-oriented, mixed-use and employment districts should have pedestrian priority, establishing pedestrian needs as paramount to vehicular circulation needs and encouraging investment in pedestrian improvements and programs for identified segments.

*The Project does not conflict with or prevent the City from pursuing this program. The Project would provide direct access to Metro's planned ATC.*

Policy M2.4 – Pedestrian Amenities. Maintain sidewalks, streets and rights-of-way in good condition, free of obstructions, and with adequate lighting, trees and parkways. Streets should accommodate pedestrians comfortably through adequate sidewalks, parkway landscaping that provides shade, and street lighting that provides for safety during the night.

*The Project does not conflict with or prevent the City from pursuing this program. The Project would install new sidewalks on Normandie Avenue and Slauson Avenue, in addition to the planned ATC.*

Policy M2.5 – Minimize Pedestrian Conflicts. Minimize conflicts between buses, cars, and pedestrians by designing and constructing sidewalks and crosswalks that make pedestrians feel safe, as well as by creating well-marked crossings at intersections and select mid-block locations, preferably within Transit-Oriented Areas and Districts.

*The Project does not conflict with or prevent the City from pursuing this program. Additionally, the Project would install sidewalks on Normandie Avenue and Slauson Avenue where today there are none. The Slauson Avenue frontage sidewalk is in addition to the ATC planned for the north side of Slauson Avenue, which will also provide a pedestrian facility.*

Policy M4.1 – Priority Bikeways. Support the citywide bikeway network to establish bicycle circulation as paramount to vehicular circulation needs on key streets, and to encourage investment in bicycle improvements and programs on these identified streets.

*The Project does not conflict with or prevent the City from pursuing this program.*

Policy M4.2 – Bikeway Connections. Provide bicycle access for open space areas, commercial and mixed-use boulevards, transit-oriented community centers and neighborhood districts in order to allow easy connections between residential neighborhoods and employment centers, as well as important non-work destinations.

*The Project does not conflict with or prevent the City from pursuing this program. Additionally, the Project will provide direct access to the ATC planned for the north side of Slauson Avenue.*

Policy M4.3 – Bicycle Amenities. Incorporate bicycle amenities (such as parking, lockers, changing rooms and showers) in public facilities, parks, commercial and multi-family residential developments, employment and transit centers, as well as park-and-ride facilities.

*The Project proposed to provide more bicycle parking than is required by City code, including additional secure bicycle lockers.*

Policy M6.2 – Pedestrian Amenities and Access to Transit. Improve pedestrian amenities and urban design along streets served by transit to create an easy and convenient user experience for people walking or bicycling by providing people-oriented built environment features such as bus bays or turnouts, street signage, striping, colored pavement, shade trees, countdown crosswalk signals, bus shelters, and bicycle racks or lockers.

*The Project does not conflict with or prevent the City from pursuing this program. The Project would install new sidewalks on Normandie Avenue and Slauson Avenue, and provide pedestrian access to transit stops adjacent to the Project site.*

Policy M11.3 - Priority Parking for Shared, Electric and Alternative Fuel Vehicles. Encourage new commercial and retail developments to provide prioritized parking for shared vehicles, electric vehicles and vehicles using alternative fuels.

*The Project would provide three prioritized EV parking spaces.*

Policy M11.4 – Connections for Electric Vehicles. Encourage new construction to include vehicle access to properly wired outdoor receptacles to accommodate zero emission vehicles (ZEVs) and plug-in electric hybrids (PHEV).

*The Project would provide three EV parking spaces on-site and six EV parking spaces off-site, for a total of nine EV parking spaces..*

Priority Streets. The Mobility Plan introduces the concept of prioritized improvements on streets that are part of the Plan's Enhanced Network. The Mobility Plan allows communities to further classify streets at the local level by priority mode or modes of travel, termed Priority Streets. Priority Streets are organized by walking, bicycling, transit, or motor vehicle priority. Slauson Avenue is identified as a priority street for bicycle and motorized vehicle travel.

*The Project does not conflict with or prevent the City from pursuing enhancements on Slauson Avenue.*

## Detailed Responses for 2.4 Substantially Increasing Hazards Due to A Geometric Design Feature or Incompatible Use

*Adapted from Section 2.4 in Transportation Analysis Guidelines, LADOT, July 2020*

Impacts regarding the potential increase of hazards due to a geometric design feature generally relate to the design of access points to and from the project site, and may include safety, operational, or capacity impacts. Impacts can be related to vehicle/vehicle, vehicle/bicycle, or vehicle/pedestrian conflicts as well as to operational delays caused by vehicles slowing and/or queuing to access a project site. These conflicts may be created by the driveway configuration or through the placement of project driveway(s) in areas of inadequate visibility, adjacent to bicycle or pedestrian facilities, or too close to busy or congested intersections. These impacts are typically evaluated for permanent conditions after project completion but can also be evaluated for temporary conditions during project construction. If the project requires a discretionary action, and the answer is “yes” to either of the following questions, further analysis will be required to assess whether the project would result in impacts due to geometric design hazards or incompatible uses:

### Screening Criteria

- Is the project proposing new driveways, or introducing new vehicle access to the property from the public right-of-way?
  - Yes. The Project site is currently vacant and has no existing driveways. The Project has proposed to provide one two-way driveway on the north end of the Project site along Normandie Avenue. The Project has additionally proposed to provide off-site parking access, to be located at the southeast corner of the intersection of Slauson Avenue & Normandie Avenue. The off-site parking location is currently developed with a disused restaurant and is served by four existing driveways, two each on Slauson Avenue and Normandie Avenue. The driveways are still active as the site is currently used for vehicle parking.
- Is the project proposing to, or required to make any voluntary or required, modifications to the public right-of-way (i.e., street dedications, reconfigurations of curb line, etc.)?
  - Yes, the Project is proposing to dedicate 3' along Budlong Avenue given existing right-of-way deficiencies on that street. Budlong Avenue is designated as a collector street.

### Assessing Project Impacts

Project access points, internal circulation, and parking access were reviewed to assess vehicle, bicycle, and pedestrian safety impacts from an operational and safety perspective (e.g. turning radii, driveway queuing, and line of sight for turns into and out of project driveway[s]) through the lens of Threshold T-3:

Threshold T-3: Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Operational and safety issues related to the potential for vehicle/pedestrian and vehicle/bicycle conflicts and the severity of consequences that could result were considered for locations where the project driveway would cross pedestrian facilities or bicycle facilities (bike lanes or bike paths). Preliminary project access plans were reviewed through the lens of commonly accepted traffic engineering design standards (e.g. Section 321 of LADOT's Manual of Policies and Procedures, which provides guidance on driveway design) to ascertain whether any deficiencies are apparent in the site access plans which would be considered significant. The determination of significance considered the following factors:

- The relative amount of pedestrian activity at project access points.
  - The Project site is located in a primarily commercial and industrial area with some residential development on Normandie north of the Project site. Due to the COVID-19 pandemic, new vehicle and pedestrian counts were not collected as part of this study. The most recent traffic counts available for this location were collected in March 2019, prior to the travel and behavior changes resulting from the pandemic. Those counts showed low pedestrian activity at the intersection of Slauson Avenue & Normandie Avenue, with 87 pedestrians observed in the 3-hour AM peak period and 72 pedestrians observed in the 3-hour PM peak period. The Project will contribute to improving walkability with enhancements to the Project site, such as adding sidewalks on Normandie Avenue and Slauson Avenue.
- Design features/physical configurations that affect the visibility of pedestrians and bicyclists to drivers entering and exiting the site, and the visibility of cars to pedestrians and bicyclists.
  - Pedestrian access to the Project site will be located on Slauson Avenue and Normandie Avenue. Visitors and employees arriving to the Project site by bicycle would have the same access opportunities as pedestrians and would be able to utilize on-site bicycle parking facilities. The Project's access locations would be designed to City standards and would provide adequate sight distance, sidewalks, and pedestrian movement controls that meet the City's requirements to protect pedestrian safety. The one planned driveway will intersect Normandie Avenue at a right angle. Streets would have trees, and other potential impediments to adequate driver and pedestrian visibility would be minimal. Pedestrian entrances separated from the vehicular driveway would provide access from the adjacent streets, parking facilities, and transit stops.
- The type of bicycle facilities the project driveway(s) crosses and the relative level of utilization.
  - There are no existing or planned bicycle facilities along Normandie Avenue near the Project site.

- The physical conditions of the site and surrounding area, such as curves, slopes, walks, landscaping or other barriers, that could result in vehicle/pedestrian, vehicle/bicycle, or vehicle/vehicle impacts.
  - The streets surrounding the Project site are mostly flat and do not curve. The driveway along Normandie Avenue would be designed to meet City standards. Because the Project parking facility will be at ground level, the driveway will meet the sidewalk and roadway at grade and will not be sloped. The Project could implement blind spot mirrors to improve driver visibility and warning sounds/lights to alert pedestrians of approaching vehicles. The Project would locate the driveway at a right angle to Normandie Avenue to avoid visibility challenges once vehicles have exited the driveways.
- The project location, or project-related changes to the public right-of-way, relative to proximity to the High Injury Network or a Safe Routes to School program area.
  - The proposed Project is located at the intersection of two streets on the HIN, Normandie Avenue and Slauson Avenue. The Project is not located in a Safe Routes to School program area. However, the Project will also be designed to complement and interface with Metro’s planned ATC, will provide direct access for bicyclists exiting the ATC to bicycle parking in the interior of the parking garage, will provide fewer vehicle parking spaces and more bicycle parking spaces than required by code, and will provide only one two-way driveway with turn restrictions to reduce possible conflict points.
- Any other conditions, including the approximate location of incompatible uses that would substantially increase a transportation hazard.
  - The Project is located on a now-disused former rail right-of-way. The Project site has most recently been used as a staging ground for construction of Metro’s planned ATC. Development of the Project would provide active community uses, would complement the ATC by providing a supportive facility with recreation and meeting spaces, bathrooms, and bicycle parking. The Project would be designed to interface with the ATC and would provide direct access to bicyclists and pedestrians, including direct access via ground-floor pedestrian access to the bicycle parking located in the interior of the site. The location of the Project’s sole driveway would not substantially increase transportation hazards.

### **Cumulative Impacts**

The nearest related project to the Project site is a proposed gas station improvement project located at an existing 76 gas station at 5816 Western Avenue, approximately one half-mile west of the Project site. The project proposes to add additional pumps and expand the convenience store currently located there. The existing 76 gas station has driveways on both Western Avenue and Slauson Avenue. It is unknown whether any changes to the driveways or access scheme are proposed, but it should be assumed that both driveways will remain operational in the future. No cumulative impacts are anticipated as a result of the development of both projects. The gas station project will likely result in few new roadway

trips as most gas station visits are made on the way to somewhere else, rather than serving as a destination in and of itself. Additionally, the two projects do not share driveway frontages, as the proposed Project examined in this study would provide vehicular access on Normandie Avenue only. Other related projects located farther from the Project site would not share adjacent street frontages with the Project site.



**ATTACHMENT B**

**City of Los Angeles VMT Calculator Version 1.3**

**Summary**

# CITY OF LOS ANGELES VMT CALCULATOR Version 1.3



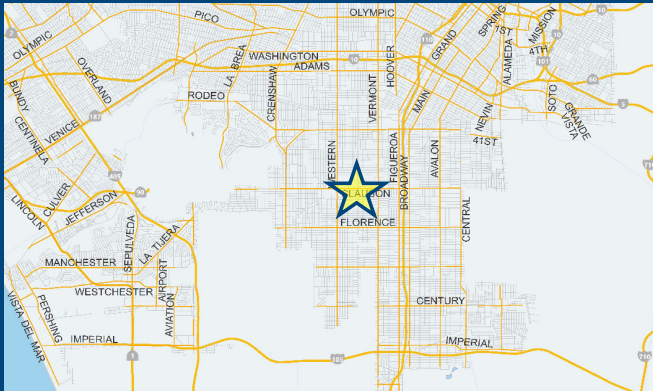
*Project Screening Criteria: Is this project required to conduct a vehicle miles traveled analysis?*

## Project Information

Project:

Scenario:

Address:



**Is the project replacing an existing number of residential units with a smaller number of residential units AND is located within one-half mile of a fixed-rail or fixed-guideway transit station?**

Yes  No

## Existing Land Use

Land Use Type	Value	Unit
Industrial   Warehousing/Self-Storage		ksf

[Click here to add a single custom land use type \(will be included in the above list\)](#)

## Proposed Project Land Use

Land Use Type	Value	Unit
Retail   Health Club	20	ksf
Retail   Health Club	20	ksf

[Click here to add a single custom land use type \(will be included in the above list\)](#)

## Project Screening Summary

Existing Land Use	Proposed Project
0 Daily Vehicle Trips	571 Daily Vehicle Trips
0 Daily VMT	3,835 Daily VMT
<b>Tier 1 Screening Criteria</b>	
Project will have less residential units compared to existing residential units & is within one-half mile of a fixed-rail station. <input type="checkbox"/>	
<b>Tier 2 Screening Criteria</b>	
The net increase in daily trips < 250 trips	571 Net Daily Trips
The net increase in daily VMT ≤ 0	3,835 Net Daily VMT
The proposed project consists of only retail land uses ≤ 50,000 square feet total.	20,000 ksf
<b>The proposed project is not required to perform VMT analysis.</b>	



# **SLAUSON CONNECT RECREATION CENTER PROJECT AIR QUALITY AND GREENHOUSE GAS TECHNICAL REPORT**

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**April 2021**



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## Acronyms and Abbreviations

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°C	Celsius
°F	Fahrenheit
µm	1 micrometer
2020–2045 RTP/SCS	<i>2020–2045 Regional Transportation Plan/Sustainable Communities Strategy</i>
AB	Assembly Bill
ACC	Advanced Clean Cars
AFY	acre feet/year
AQMP	air quality management plan
AR4	IPCC Fourth Assessment Report
ATCM	Airborne Toxic Control Measures
BARCT	best available retrofit control technology
Basin	South Coast Air Basin
BMP	best management practice
BOE	Bureau of Engineering
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards
CAPCOA	California Air Pollution Control Officers Association
CAPP	Community Air Protection Program
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CH <sub>4</sub>	methane
City	City of Los Angeles
CO	carbon monoxide
CO Plan	Federal Attainment Plan for Carbon Monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
COHb	carboxyhemoglobin
DPM	diesel particulate matter
EOs	Executive Orders
FCAA	Federal Clean Air Act
GHG	greenhouse gas
GWP	global warming potential
HC	hydrocarbons

HFC	hydrofluorocarbon
HHDT	heavy-heavy duty truck
hp	horsepower
HVAC	heating, ventilation, and air conditioning
IPCC	Intergovernmental Panel on Climate Change
kW	kilowatt
LADWP	Los Angeles Department of Water and Power
LAMC	Los Angeles Municipal Code
LASAN	LA Sanitation & Environment
LCFS	Low-Carbon Fuel Standard
LDV Rule	Light-Duty Vehicle Greenhouse Gas Emission Standards and Corporate Average Fuel Economy Standards Rule
LEED	Leadership in Energy and Environmental Design
LID	Low Impact Development
LST	localized significance threshold
MHDT	medium heavy-duty trucks
MMTCO <sub>2</sub> e	million metric tons of CO <sub>2</sub> e
MPO	Metropolitan Planning Organization
MTA	Metropolitan Transportation Authority
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NO	nitric oxide
NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrogen oxides
O <sub>3</sub>	ozone
OEHHA	Office of Environmental Health Hazard Assessment
OPR	Office of Professional Responsibility
Pb	lead
PFC	perfluorocarbon
pLAN	Sustainable City pLAN
PM	particulate matter
PM <sub>10</sub>	PM less than or equal to
PM <sub>2.5</sub>	PM less than or equal to 2.5 microns in diameter
project	Slauson Connect Recreation Center Project
ROG	reactive organic gasses
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SF <sub>6</sub>	sulfur hexafluoride
SIP	State Implementation Plan

SLCP	Short-Lived Climate Pollutant
SO <sub>2</sub>	sulfur dioxide
SRAs	source receptor areas
TAC	toxic air contaminant
TPA	transit priority areas
USC	University of Southern California
USEPA	United States Environmental Protection Agency
UV	ultraviolet
VMT	vehicle miles traveled
VOC	volatile organic compound
WRCC	Western Regional Climate Center

This Air Quality and Greenhouse Gas Technical Report is provided to support the City of Los Angeles (City) environmental review process and provide information regarding potential effects of air quality and greenhouse gas (GHG) emissions associated with the proposed Slauson Connect Recreation Center Project (project) located in the South Los Angeles Community Plan area within the City. The analysis provided in this report evaluates the potential for short- and long-term air quality and GHG impacts associated with construction and operation of the project. The analysis includes a description of the environmental setting for the project, including existing air quality and GHG conditions, as well as applicable laws and regulations, and documents the assumptions, methodologies, and findings used to evaluate the project's air quality and GHG impacts.

### 1.1 Project Description Summary

The project consists of the development of a three-story, 20,000 square foot (sf) multi-use facility focused on recreation and community uses on an approximately 2.3-acre site located at 5820 Normandie Avenue in the City. The facility program will consist of a childcare facility, career and social counseling center, multi-purpose recreation rooms, office space, community room, facility support space, rooftop meeting space, and green roofs. The project will include sustainability measures in its design to be certified as Leadership in Energy and Environmental Design (LEED) Silver. As part of its sustainable design the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kilowatts [kW]), stormwater capture and reuse systems, high speed electric vehicle (EV) chargers, and vertical gardens. The project facility will be outfitted with the latest technology to help reduce the transmission of airborne viruses to ensure the safety of patrons. Equipment systems and design criteria such as, but not limited to, on demand air purge systems, ultraviolet (UV) filtration of circulated air, social distanced waiting areas, and body temperature checkpoints will be incorporated into the final design. An outdoor park area for passive and educational recreation will also be located on the south side of the project site fronting Slauson Avenue beginning at Budlong Avenue. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the Metropolitan Transportation Authority (MTA) and will seek parking reductions due to its close proximity to MTA train and bus lines, as well as offsite parking lots for patrons, which can be accessed by shuttle. On-site parking will be provided to accommodate up to four EV spaces, two Americans with Disabilities Act spaces, and 14 compact parking spaces for a total of 20 parking spaces (Pers. comm. Abdallah 2021). Furthermore, 10 standard and four long-term (enclosed lockers) bike parking will also be provided by the proposed project.

The project site is rectangular in shape, with a width of approximately 45 feet and length of approximately 1,233 feet, and extends from the northeast corner of Slauson Avenue and Normandie Avenue to the northwest corner of Slauson Avenue and Budlong Avenue. The project site is bounded by Slauson Avenue to the south, Normandie Avenue to the west, Budlong Avenue to the east, and existing industrial developments to the north. The project site has most recently been used as a dirt storage site for the construction of MTA's Crenshaw light rail line. All storage materials will be

cleared at the project site prior to project construction. Additionally, due to previous railway usage on the site, MTA has agreed to remediate or replace soil within a buffer area along the tracks to an “open space” standard under the voluntary clean-up agreement with the Department of Toxic Substances Control prior to the start of project construction.

Construction of the proposed project is anticipated to occur over an 11-month period from April 2022 to March 2023. The proposed multi-use facility will be constructed with the use of pre-approved modular shipping container building manufacturers. The design concept will be based on utilizing 8 feet by 40 feet modular containers, which will serve to reduce building costs and expedite the construction schedule. It is anticipated that the amount of soil that would be removed from the site during construction would be over 20,000 cubic yards.

## 1.2 Nearby Land Uses and Sensitive Receptors

Sensitive receptors are defined as locations where pollutant-sensitive members of the population may reside or where the presence of air pollutant emissions could adversely affect use of the land. Sensitive members of the population include those who may be more negatively affected by poor air quality than other members of the population, such as children, the elderly, or the infirm. In general, residential areas, hospitals, daycare facilities, elder-care facilities, elementary schools, and parks typically contain a high concentration of these sensitive population groups (CARB 2005). The project site is located in an urbanized area surrounded by a mix of land uses. Existing sensitive receptors include single- and multi-family residential uses that surround the project site within 500 feet.

## 2.1 Existing Setting

### 2.1.1 Regional Climate and Meteorology

The project site is located within the South Coast Air Basin (Basin), an area covering approximately 6,745 square miles and bounded by the Pacific Ocean to the west and south and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east. The Basin includes all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties, in addition to the San Gorgonio Pass area in Riverside County. The terrain and geographical location determine the distinctive climate of the Basin, which is a coastal plain with connecting broad valleys and low hills.

The Southern California region, which includes the Basin, lies in the semi-permanent high-pressure zone of the eastern Pacific. As a result, the climate is mild and tempered by cool sea breezes. The usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds. The extent and severity of the air pollution problem in the Basin is a function of the area's natural physical characteristics (weather and topography) as well as human-made influences (development patterns and lifestyle). Factors such as wind, sunlight, temperature, humidity, rainfall, and topography all affect the accumulation and dispersion of pollutants throughout the Basin, making it an area of high pollution potential.

The greatest air pollution impacts in the Basin occur from June through September. These are generally attributed to the large amount of pollutant emissions, light winds, and shallow vertical atmospheric mixing. This condition frequently reduces pollutant dispersion, thereby causing elevated air pollution levels. Pollutant concentrations in the Basin vary with location, season, and time of day. Ozone concentrations, for example, tend to be lower along the coast, higher in the near inland valleys, and lower in the far inland areas of the Basin and adjacent desert.

The active weather station closest to the project site is a Western Regional Climate Center (WRCC) monitoring station at the University of Southern California (USC) campus (Los Angeles Downtown USC Campus Station [COOP ID 045115]), which is approximately 2.4 miles north of the project site. Given the station's proximity to the project site, historic climatic conditions at the Los Angeles Downtown USC Campus Monitoring Station are assumed to be representative of prevailing climatic conditions. According to climate data recorded from 1877 to 2016 at this station, the average annual maximum temperature in the area is approximately 74 degrees Fahrenheit (°F), and the average annual minimum temperature is approximately 56°F. The average precipitation in the area is approximately 15 inches annually, occurring primarily from December through March (WRCC 2021).

## 2.1.2 Criteria Air Pollutants

For the protection of public health and welfare, the Federal Clean Air Act (FCAA) requires that the United States Environmental Protection Agency (USEPA) establish National Ambient Air Quality Standards (NAAQS) for various pollutants. These pollutants are referred to as "criteria" pollutants. Similarly, the California Clean Air Act (CCAA) requires the California Air Resources Board (CARB) to set standards and designate areas as either attainment or nonattainment based on whether the California Ambient Air Quality Standards (CAAQS) have been achieved. As all criteria pollutants can have human health effects at certain concentrations, NAAQS and CAAQS define the maximum amount of an air pollutant that can be present in ambient air without harming public health. An ambient air quality standard is generally specified as a concentration averaged over a specific time period, such as one hour, eight hours, 24 hours, or 1 year. The different averaging times and concentrations are meant to protect against different exposure effects. Standards established for the protection of human health are referred to as primary standards; whereas standards established for the prevention of environmental and property damage are called secondary standards. The FCAA allows states to adopt additional or more health-protective standards. The air quality regulatory framework and ambient air quality standards are discussed in greater detail later in this report.

Air quality standards have been established for the following six criteria pollutants: ozone (O<sub>3</sub>), lead (Pb), carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), sulfur dioxide (SO<sub>2</sub>), and particulate matter (PM), which consists of PM less than or equal to 10 microns in diameter (PM<sub>10</sub>) and PM less than or equal to 2.5 microns in diameter (PM<sub>2.5</sub>) (USEPA 2021a). Criteria air pollutants are also categorized as primary and secondary pollutants. In general, primary pollutants are directly emitted into the atmosphere, and secondary pollutants are formed by chemical reactions in the atmosphere. Of the six criteria pollutants, CO, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> are primary pollutants, whereas O<sub>3</sub> and NO<sub>2</sub> are secondary pollutants. The following provides a summary discussion of the primary and secondary criteria air pollutants of primary concern.

## 2.1.3 Ozone (O<sub>3</sub>)

O<sub>3</sub>, which is the main ingredient in urban smog, is not emitted directly into the air, but is created by chemical reactions between hydrocarbons (HC) and nitrogen oxides (NO<sub>x</sub>) (both by-products of the internal combustion engine) in the presence of sunlight. Reactive organic gasses (ROG) are defined by CARB and include all HC except those exempted by CARB that contribute to smog formation, whereas volatile organic compounds (VOCs) are defined by USEPA and include all hydrocarbons except those exempted by USEPA. Generally speaking, ROG and VOCs are similar but not identical, and their terms are used interchangeably. For purposes of this analysis, the term ROG is used. There are no separate ambient air quality standards for ROG. Carcinogenic forms of ROG are toxic air contaminants (TACs), which are described below. An example is benzene.

ROG are compounds made up primarily of hydrogen and carbon atoms. Internal combustion associated with motor vehicle usage is the major source of hydrocarbons. Other sources of ROG are emissions associated with the use of paints and solvents, the application of asphalt paving, and the use of household consumer products such as aerosols.

The two major forms of NO<sub>x</sub> are nitric oxide (NO) and NO<sub>2</sub>. NO is a colorless, odorless gas formed from atmospheric nitrogen and oxygen when combustion takes place under high temperature and/or high

pressure.  $\text{NO}_2$  is a reddish-brown irritating gas formed by the combination of  $\text{NO}$  and oxygen. In addition to serving as an integral participant in  $\text{O}_3$  formation,  $\text{NO}_x$  also directly acts as an acute respiratory irritant and increases susceptibility to respiratory pathogens.

$\text{O}_3$  poses a higher risk to those who already suffer from respiratory diseases (e.g., asthma), children, older adults, and people who are active outdoors. Exposure to  $\text{O}_3$  at certain concentrations can make breathing more difficult, cause shortness of breath and coughing, inflame and damage the airways, aggregate lung diseases, increase the frequency of asthma attacks, and cause chronic obstructive pulmonary disease. Studies show associations between short-term  $\text{O}_3$  exposure and non-accidental mortality, including deaths from respiratory issues. Studies also suggest long-term exposure to  $\text{O}_3$  may increase the risk of respiratory-related deaths (USEPA 2021b). The concentration of  $\text{O}_3$  at which health effects are observed depends on an individual's sensitivity, level of exertion (i.e., breathing rate), and duration of exposure. Studies show large individual differences in the intensity of symptomatic responses, with one study finding no symptoms to the least responsive individual after a 2-hour exposure to 400 parts per billion of ozone and a 50 percent decrement in forced airway volume in the most responsive individual. Although the results vary, evidence suggest that sensitive populations (e.g., asthmatics) may be affected on days when the 8-hour maximum  $\text{O}_3$  concentration reaches 80 parts per billion (USEPA 2021c).

In addition to human health effect, ozone has been tied to crop damage, typically in the form of stunted growth, leaf discoloration, cell damage, and premature death. Ozone can also act as a corrosive and oxidant, resulting in property damage such as the degradation of rubber products and other materials.

## 2.1.4 Nitrogen Dioxide ( $\text{NO}_2$ )

$\text{NO}_2$  is a reddish-brown gas with a bleach-like odor. As discussed previously, both  $\text{NO}$  and  $\text{NO}_2$  are the two major forms of  $\text{NO}_x$ . Per the South Coast Air Quality Management District (SCAQMD) (2008), the vast majority (95 percent) of  $\text{NO}_x$  emissions is in the form of  $\text{NO}$ . No adverse health effects are associated with  $\text{NO}$ . However, breathing air with a high concentration of  $\text{NO}_2$  can irritate airways in the human respiratory system, leading to increased asthma symptoms, hospital admissions, and visits to the emergency room (USEPA 2021d).  $\text{NO}$  is converted to  $\text{NO}_2$  through reactions with ozone as well as through photochemical reactions with hydrocarbons in the lower atmosphere. These reactions are a function of downwind distance, and SCAQMD assumes 100 percent conversion of  $\text{NO}$  to  $\text{NO}_2$  at 500 meters from the emission source. Therefore, whereas  $\text{NO}_x$  is a regional pollutant because it contributes to ozone formation, emissions of  $\text{NO}_x$ , specifically due to the localized conversion of  $\text{NO}_x$  to  $\text{NO}_2$ , can have localized effects.

In healthy people, increase in resistance to air flow and airway contraction is observed after short-term exposure to  $\text{NO}_2$ . Larger decreases in lung functions are observed in individuals with asthma and/or chronic obstructive pulmonary disease (e.g., chronic bronchitis, emphysema) than in healthy individuals, indicating a greater susceptibility of these sub-groups (SCAQMD 2005).

## 2.1.5 Carbon Monoxide ( $\text{CO}$ )

$\text{CO}$  is a colorless, odorless, toxic gas produced by incomplete combustion of carbon substances, such as gasoline or diesel fuel. Inhaled  $\text{CO}$  has no direct toxic effect on the lungs, but exerts its effect on



tissues by interfering with oxygen transport by competing with oxygen to combine with hemoglobin present in the blood to form carboxyhemoglobin (COHb). Hence, conditions with an increased demand for oxygen supply can be adversely affected by exposure to CO. Individuals most at risk include those with diseases involving heart and blood vessels, fetuses (unborn babies), and people with chronic hypoxemia (oxygen deficiency) as seen in high altitudes. Exposure to CO at high concentrations can also cause fatigue, headaches, confusion, dizziness, and chest pain (CARB 2021b).

## 2.1.6 Particulate Matter (PM)

PM consists of finely divided solids or liquids such as soot, dust, aerosols, fumes, and mists. Two forms of fine particulates are now recognized—PM<sub>10</sub> and PM<sub>2.5</sub>. Particulate discharge into the atmosphere results primarily from industrial, agricultural, construction, and transportation activities. However, wind on arid landscapes also contributes substantially to local particulate loading. PM is considered both a local and a regional pollutant.

Particulate pollution can be transported over long distances and may adversely affect the human, especially for people who are naturally sensitive or susceptible to breathing problems. Numerous studies have linked PM exposure to premature death in people with preexisting heart or lung disease. Other symptoms of exposure may include nonfatal heart attacks, irregular heartbeat, aggravated asthma, decreased lung function, and increased respiratory symptoms. Depending on its composition, both PM<sub>10</sub> and PM<sub>2.5</sub> can also affect water quality and acidity, deplete soil nutrients, damage sensitive forests and crops, affect ecosystem diversity, and contribute to acid rain (USEPA 2021e).

## 2.1.7 Sulfur Dioxide (SO<sub>2</sub>)

SO<sub>2</sub> is a colorless, irritating gas with a “rotten egg” smell primarily formed from the combustion of fossil fuels containing sulfur. SO<sub>2</sub> is considered a local pollutant because it tends to accumulate in the air locally. High concentrations of SO<sub>2</sub> can result in temporary breathing impairment for asthmatic children and adults who are active outdoors. Short-term exposures of asthmatic individuals to elevated SO<sub>2</sub> levels during moderate activity may result in breathing difficulties that can be accompanied by symptoms such as wheezing, chest tightness, or shortness of breath. Other effects that have been associated with longer-term exposures to high concentrations of SO<sub>2</sub>, in conjunction with high levels of PM, include aggravation of existing cardiovascular disease, respiratory illness, and alterations in the lungs’ defenses. SO<sub>2</sub> also is a major precursor to PM<sub>2.5</sub>, which is a significant health concern and a main contributor to poor visibility (see also the discussion of health effects of particulate matter).

## 2.1.8 Lead (Pb)

Pb in the atmosphere is present as a mixture of a number of lead compounds. Leaded gasoline and lead smelters have been the main sources of lead emitted into the air. Due to the phasing out of leaded gasoline, there was a dramatic reduction in atmospheric Pb over the past three decades. Exposure to low levels of Pb can adversely affect the development and function of the central nervous system, leading to learning disorders, distractibility, inability to follow simple commands, and lower intelligence quotient. Fetuses, infants, and children are more sensitive than others to the

adverse effects of Pb exposure. In adults, increased Pb levels are associated with increased blood pressure. Pb poisoning can cause anemia, lethargy, seizures, and death. There is no evidence to suggest that there are direct effects of Pb on the respiratory system.

## 2.1.9 Toxic Air Contaminants (TAC)

TACs are generally defined as those air pollutants that may increase a person's risk of developing cancer and/or other serious health effects; however, the emission of a toxic chemical does not automatically create a health hazard. Although NAAQS and CAAQS have been established for criteria pollutants, no ambient standards exist for TACs. Many pollutants are identified as TACs because of their potential to increase the risk of developing cancer or because of their acute or chronic health risks. For TACs that are known or suspected carcinogens, CARB has consistently found that there are no levels or thresholds below which exposure is risk-free. Individual TACs vary greatly in the risks they present. At a given level of exposure, one TAC may pose a hazard that is many times greater than another. TACs are identified and their toxicity is studied by the California Office of Environmental Health Hazard Assessment (OEHHA).

Air toxics are generated by many sources, including: stationary sources, such as dry cleaners, gas stations, auto body shops, and combustion sources; mobile sources, such as diesel trucks, ships, and trains; and area sources, such as farms, landfills, and construction sites. Adverse health effects of TACs can be carcinogenic (cancer-causing), short-term (acute) non-carcinogenic, and long-term (chronic) non-carcinogenic. Direct exposure to these pollutants has been shown to cause cancer, birth defects, damage to the brain and nervous system, and respiratory disorders. The principal TAC associated with the proposed project is diesel particulate matter (DPM).

DPM differs from other air toxics in that it is a complex mixture of hundreds of substances rather than a single substance. DPM is typically composed of carbon particles ("soot," also called black carbon) and numerous organic compounds, including over 40 known cancer-causing organic substances such as polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene. As more than 90 percent of DPM is less than 1 micrometer ( $\mu\text{m}$ ) in diameter (about  $1/70^{\text{th}}$  the diameter of a human hair), the majority of DPM is small enough to be inhaled into the lungs. Although particles the size of DPM can deposit throughout the lung, the largest fraction deposits in the deepest regions of the lungs where the lung is most susceptible to injury. Health effects associated with exposure to DPM include premature death, hospitalizations, and emergency department visits for exacerbated chronic heart and lung disease, including asthma, increased respiratory symptoms, and decreased lung function in children (CARB 2021c).

### 2.1.10 Ambient Air Quality

CARB collects ambient air quality data from a network of air monitoring stations throughout the state. The purpose of the monitoring stations is to measure ambient concentrations of pollutants and determine whether the ambient air quality meets NAAQS and CAAQS. The closest monitoring station is the Los Angeles-North Main Street station (CARB 70087), which is approximately 6 miles northeast of the project site. This station currently monitors ambient concentrations of ozone,  $\text{NO}_2$ ,  $\text{CO}$ ,  $\text{SO}_2$ ,  $\text{Pb}$ ,  $\text{PM}_{10}$ , and  $\text{PM}_{2.5}$ .

Table 2.1-1 summarizes the concentrations of these pollutants, applicable regulatory standards, and the number of days per year applicable standards were exceeded for the last 3 years from which complete data are available (2017–2019). As discussed above, CAAQS and NAAQS define clean air and represent the maximum amount of pollution that can be present in outdoor air without any harmful effects on people and the environment. The nearby monitoring station has experienced violations of both the 1-hour and 8-hour ozone and 24-hour PM<sub>10</sub> CAAQS over the period of record. Additionally, violations of the 8-hour ozone and 24-hour PM<sub>2.5</sub> NAAQS also occurred during this period. Existing violations of these CAAQS and NAAQS indicate that certain individuals exposed to these pollutants may experience certain health effects, including increased incidence of cardiovascular and respiratory ailments.

**Table 2.1-1. Summary of Ambient Air Quality Monitoring Data**

<b>Pollutant Standards</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<i>1-hour Ozone (O<sub>3</sub>)</i>			
Maximum Concentration (ppm)	0.116	0.098	0.093
<i>Number of Days Standard Exceeded</i>			
CAAQS 1-hour standard (0.09 ppm)	6	2	0
<i>8-Hour Ozone (O<sub>3</sub>)</i>			
State Maximum Concentration (ppm)	0.086	0.074	0.080
National Maximum Concentration (ppm)	0.086	0.073	0.080
National Fourth-highest Concentration (ppm)	0.080	0.071	0.065
<i>Number of Days Standard Exceeded</i>			
CAAQS 8-hour standard (0.070 ppm)	16	4	2
NAAQS 8-hour standard (0.070 ppm)	14	4	2
<i>Carbon Monoxide (CO)</i>			
Maximum Concentration 1-hour Period (ppm)	2.0	2.0	2.0
Maximum Concentration 8-hour Period (ppm)	1.8	1.7	1.6
<i>Number of Days Standard Exceeded</i>			
NAAQS 8-hour standard (9 ppm)	0	0	0
CAAQS 8-hour standard (9.0 ppm)	0	0	0
NAAQS 1-hour standard (35 ppm)	0	0	0
CAAQS 1-hour standard (20 ppm)	0	0	0
<i>Nitrogen Dioxide (NO<sub>2</sub>)</i>			
Maximum 1-hour Concentration (ppm)	0.081	0.070	0.069
Annual Average Concentration (ppm)	0.020	0.018	0.018
<i>Number of Days Standard Exceeded</i>			
CAAQS 1-hour standard (0.180 ppm)	0	0	0
NAAQS 1-hour standard (0.100 ppm)	0	0	0
<i>Sulfur Dioxide (SO<sub>2</sub>)</i>			
Maximum 1-hour Concentration (ppm)	0.006	0.018	0.010
Maximum 24-hour Concentration (ppm)	0.002	0.001	0.001
<i>Number of Days Standard Exceeded</i>			
CAAQS 1-hour standard (0.25 ppm)	0	0	0
NAAQS 1-hour standard (0.075 ppm)	0	0	0
CAAQS 24-hour standard (0.04 ppm)	0	0	0

<b>Pollutant Standards</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<i>Suspended Particulates (PM<sub>10</sub>)</i>			
State Maximum 24-hour Concentration (µg/m <sup>3</sup> )	96.2	81.2	93.9
National Maximum 24-hour Concentration (µg/m <sup>3</sup> )	64.6	68.2	62.4
State Annual Average Concentration (CAAQS=20 µg/m <sup>3</sup> )	*	34.0	*
<i>Number of Days Standard Exceeded</i>			
CAAQS 24-hour standard (50 µg/m <sup>3</sup> )	40	31	15
NAAQS 24-hour standard (150 µg/m <sup>3</sup> )	0	0	0
<i>Suspended Particulates (PM<sub>2.5</sub>)</i>			
National Maximum 24-hour Concentration (µg/m <sup>3</sup> )	54.9	61.4	43.5
24-hour Standard 98 <sup>th</sup> Percentile (µg/m <sup>3</sup> )	30.9	34.1	28.3
National Annual Average Concentration (µg/m <sup>3</sup> )	12.0	12.8	10.8
State Annual Average Concentration (µg/m <sup>3</sup> )	16.3	16.0	10.8
<i>Number of Days Standard Exceeded</i>			
NAAQS 24-hour standard (35 µg/m <sup>3</sup> )	2	6	6
<i>Lead (Pb)</i>			
Maximum 30-day Average (µg/m <sup>3</sup> )	0.017	0.011	0.012
Maximum 30-month Rolling Average (µg/m <sup>3</sup> )	0.01	0.01	0.010
<i>Number of Days Standard Exceeded</i>			
CAAQS 30-day Average standard (1.5 µg/m <sup>3</sup> )	0	0	0
NAAQS 3-month Rolling Average standard (0.15 µg/m <sup>3</sup> )	0	0	0

Sources: CARB 2021d; USEPA 2021f; SCAQMD 2021. Data compiled by ICF.

\*=insufficient data available to determine value

CAAQS=California Ambient Air Quality Standards; mg/m<sup>3</sup>=milligrams per cubic meter; NAAQS=National Ambient Air Quality Standards; ppm=parts per million; µg/m<sup>3</sup>=micrograms per cubic meter

The FCAA requires USEPA to designate areas within the country as either attainment or nonattainment for each criteria pollutant based on whether NAAQS have been achieved. Similarly, the CCAA requires CARB to designate areas within California as either attainment or nonattainment for each criteria pollutant based on whether CAAQS have been achieved. If a pollutant concentration is lower than the state or federal standard, the area is classified as being in attainment for that pollutant. If a pollutant violates the standard, the area is considered a nonattainment area. If data are insufficient to determine whether a pollutant is violating the standard, the area is designated unclassified. Additionally, where monitored pollutant concentrations exceeded the standard in question in the past but are no longer in violation of that standard that area is designated a maintenance area. Under the CCAA, areas are designated as nonattainment for a pollutant if air quality data show that a state standard for the pollutant was violated at least once during the previous three calendar years. Exceedances that are affected by highly irregular or infrequent events are not considered violations of a state standard and are not used as a basis for designating areas as nonattainment.

Table 2.1-2 summarizes the attainment status for the Los Angeles County portion of the Basin with respect to NAAQS and CAAQS. CAAQS and NAAQS represent concentration limits of criteria air pollutants needed to adequately protect human health and the environment. Existing violations of the O<sub>3</sub> and PM<sub>10</sub> ambient air quality standards indicate that certain individuals exposed to this pollutant may experience certain health effects, including increased incidence of acute and chronic cardiovascular and respiratory ailments.

**Table 2.1-2. Federal and State Attainment Status for the Los Angeles County Portion of the South Coast Air Basin**

Criteria Pollutant	Federal Designation	State Designation
Ozone (O <sub>3</sub> ) (1-hour standard)	—	Nonattainment
Ozone (O <sub>3</sub> ) (8-hour standard)	Nonattainment – Extreme (P)	Nonattainment
Carbon Monoxide (CO)	Maintenance – Serious (P)	Attainment
Particulate Matter (PM <sub>10</sub> )	Maintenance – Serious (P)	Nonattainment
Fine Particulate Matter (PM <sub>2.5</sub> )	Nonattainment – Serious (P)	Nonattainment
Nitrogen Dioxide (NO <sub>2</sub> )	Maintenance (P)	Attainment
Sulfur Dioxide (SO <sub>2</sub> )	Attainment	Attainment
Lead (Pb)	Nonattainment (P)	Attainment

Sources: USEPA 2021g; CARB 2020a.

(P)=designation applies to a portion of the county

## 2.2 Regulatory Framework

### 2.2.1 Federal

#### Federal Clean Air Act

The FCAA was first enacted in 1963 and has been amended numerous times in subsequent years (1967, 1970, 1977, and 1990). The FCAA establishes NAAQS and specifies future dates for achieving compliance. The FCAA also mandates that each state submit and implement a State Implementation Plan (SIP) for local areas not meeting those standards. The plans must include pollution control measures that demonstrate how the standards will be met. Because the project site is within the Los Angeles County portion of the Basin, it is in an area designated as nonattainment for certain pollutants that are regulated under the FCAA.

The 1990 amendments to the FCAA identify specific emission-reduction goals for areas not meeting NAAQS. These amendments require both a demonstration of reasonable progress toward attainment and incorporation of additional sanctions for failure to attain or meet interim milestones. The sections of the FCAA that would most substantially affect the development of the project include Title I (Nonattainment Provisions) and Title II (Mobile-Source Provisions).

Title I provisions were established with the goal of attaining NAAQS for criteria pollutants. Table 2.2-1 shows NAAQS currently in effect for each criteria pollutant. NAAQS were amended in July 1997 to include an 8-hour standard for O<sub>3</sub> and adopt a standard for PM<sub>2.5</sub>. The PM<sub>2.5</sub> NAAQS was most recently amended in 2012 and the 8-hour O<sub>3</sub> NAAQS was further amended in October 2015.

**Table 2.2-1. Federal and State Ambient Air Quality Standards**

Pollutant	Averaging Time	CAAQS	NAAQS <sup>a</sup>
Ozone (O <sub>3</sub> )	1-hour	0.09 ppm	-
	8-hour	0.070 ppm	0.070 ppm
Respirable Particulate Matter (PM <sub>10</sub> )	Annual mean	20 µg/m <sup>3</sup>	-
	24-hour	50 µg/m <sup>3</sup>	150 µg/m <sup>3</sup>
Fine Particulate Matter (PM <sub>2.5</sub> )	Annual mean	12 µg/m <sup>3</sup>	12 µg/m <sup>3</sup>
	24-hour	No Standard	35 µg/m <sup>3</sup>
Carbon Monoxide (CO)	1-hour	20 ppm	35 ppm
	8-hour	9.0 ppm	9 ppm
Nitrogen Dioxide (NO <sub>2</sub> )	Annual mean	0.030 ppm	0.053 ppm
	1-hour	0.18 ppm	100 ppb
Sulfur Dioxide (SO <sub>2</sub> )	Annual mean	-	0.03 ppm
	24-hour	0.04 ppm	0.14 ppm
	3-hour	-	-
	1-hour	0.25 ppm	75 ppb
Lead (Pb)	30-day Average	1.5 µg/m <sup>3</sup>	-
	Calendar Quarter	-	1.5 µg/m <sup>3</sup>
	Rolling 3-Month Average	-	0.15 µg/m <sup>3</sup>
Sulfates	24-hour	25 µg/m <sup>3</sup>	No federal standard
Hydrogen Sulfide	1-hour	0.03 ppm (42 µg/m <sup>3</sup> )	No federal standard
Vinyl Chloride	24-hour	0.01 ppm (26 µg/m <sup>3</sup> )	No federal standard
Visibility-Reducing Particle Matter	8-hour	-	No federal standard

Source: CARB 2016a.

<sup>a</sup> National standards are divided into primary and secondary standards. Primary standards are intended to protect public health, whereas secondary standards are intended to protect public welfare and the environment. Only Primary standards are shown here.

ppb=parts per billion; ppm=parts per million; µg/m<sup>3</sup>=micrograms per cubic meter

## 2.2.2 Emission Standards for Non-Road Diesel Engines

To reduce emissions from non-road diesel equipment, USEPA established a series of increasingly strict emission standards for new non-road diesel engines. Tier 1 standards were phased in on newly manufactured equipment from 1996 through 2000 (year of manufacture), depending on the engine horsepower (hp) category. Tier 2 standards were phased in on newly manufactured equipment from 2001 through 2006. Tier 3 standards were phased in on newly manufactured equipment from 2006 through 2008. Tier 4 standards, which require advanced emission control technology, were phased in from 2008 through 2015.

## 2.2.3 Emission Standards for Heavy-Duty Vehicles

Emissions from heavy-duty trucks are managed by regulations and emission limits implemented at the federal, state, and local levels. USEPA has established a series of increasingly strict emission standards for new heavy-duty bus and truck engines. In December 2000, USEPA signed the Heavy-Duty Highway Rule, which reduces emissions from on-road, heavy-duty diesel trucks by establishing a series of increasingly strict emission standards for new engines. Manufacturers were required to produce new diesel vehicles that meet particulate matter and NO<sub>x</sub> emission standards beginning with model year 2007, with the phase-in period being between 2007 and 2010. The phase-in was based on a percentage-of-sales basis: 50 percent from 2007 to 2009 and 100 percent in 2010. Requirements apply to engines installed in all vehicles with Gross Vehicle Weight Rating above 14,000 pounds, and to some engines installed in vehicles with Gross Vehicle Weight Rating between 8,500 and 14,000 pounds (USEPA 2001). In November 2018, USEPA announced that it would pursue the Cleaner Trucks Initiative to update NO<sub>x</sub> emissions standards for heavy-duty trucks. USEPA is currently working with a range of stakeholders to identify technologies capable of reducing criteria pollutant emissions from heavy-duty trucks and to develop the data and analyses needed to inform a comprehensive rulemaking (USEPA 2021h).

## 2.2.4 State

### 2.2.5 California Clean Air Act

The CCAA, signed into law in 1988, requires all areas of the state to achieve and maintain CAAQS by the earliest practical date. CAAQS incorporate additional standards for most of the criteria pollutants and set standards for other pollutants recognized by the state. In general, the California standards are more health protective than the corresponding NAAQS. California has also set standards for sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles. The Basin is in compliance with these standards. Table 2.2-1 shows CAAQS currently in effect for each criteria pollutant.

The CARB and local air districts bear responsibility for achieving California's air quality standards, which are to be achieved through district-level air quality management plans that would be incorporated into the SIP. In California, USEPA has delegated authority to prepare SIPs to CARB, which, in turn, has delegated that authority to individual air districts. CARB traditionally has established state air quality standards, maintaining oversight authority in air quality planning, developing programs for reducing emissions from motor vehicles, developing air emission inventories, collecting air quality and meteorological data, and approving SIPs.

The CCAA substantially adds to the authority and responsibilities of air districts. The CCAA designates air districts as lead air quality planning agencies, requires air districts to prepare air quality plans, and grants air districts authority to implement transportation control measures. The CCAA also emphasizes the control of "indirect and area-wide sources" of air pollutant emissions. The CCAA gives local air pollution control districts explicit authority to regulate indirect sources of air pollution and to establish traffic control measures.

## 2.2.6 Statewide Truck and Bus Regulation

Originally adopted in 2005, the on-road truck and bus regulation requires heavy trucks to be retrofitted with particulate matter filters. The regulation applies to privately and federally owned diesel-fueled trucks with a gross vehicle weight rating greater than 14,000 pounds. Compliance with the regulation can be reached through one of two paths: (1) vehicle retrofits according to engine year or (2) phase-in schedule. Compliance paths ensure that by January 2023, nearly all trucks and buses will have 2010 model year engines or newer (CARB 2019a).

## 2.2.7 Carl Moyer Program

The Carl Moyer Memorial Air Quality Standards Attainment Program is a voluntary program that offers grants to owners of heavy-duty vehicles and equipment. The program is a partnership between CARB and the local air districts throughout the state to reduce air pollution emissions from heavy-duty engines. Locally, the air districts administer this program.

## 2.2.8 Toxic Air Contaminants Regulations

California regulates TACs primarily through the Tanner Air Toxics Act (Assembly Bill [AB] 1807) and the Air Toxics Hot Spots Information and Assessment Act of 1987 (AB 2588). The Toxic Air Contaminant Identification and Control Act (AB 1807) created California's program to reduce exposure to air toxics. The Air Toxics "Hot Spots" Information and Assessment Act (AB 2588) supplements the AB 1807 program by requiring a statewide air toxics inventory, notification of people exposed to a significant health risk, and facility plans to reduce these risks. In August 1998, CARB identified particulate emissions from diesel-fueled engines as TACs. In September 2000, CARB approved a comprehensive diesel risk reduction plan to reduce emissions from both new and existing diesel-fueled engines and vehicles. As an ongoing process, CARB reviews air contaminants and identifies those that are classified as TACs. CARB also continues to establish new programs and regulations for the control of TACs, including DPM, as appropriate.

CARB has promulgated the Airborne Toxic Control Measures (ATCM) for several source categories that are codified in the California Code of Regulations (CCR). The ATCM specifies measures to reduce public exposure to diesel particulate matter and other air contaminants by establishing idling restrictions, emission standards, and other requirements for heavy-duty diesel engines and alternative idle-reduction technologies to limit the idling of diesel-fueled commercial motor vehicles. One ATCM (13 CCR § 2485) requires that drivers of diesel-fueled commercial motor vehicles with gross vehicle weight ratings greater than 10,000 pounds, including buses and sleeper berth equipped trucks, not idle the vehicle's primary diesel engine longer than five minutes at any location.

In 2017, Governor Jerry Brown signed AB 617 into law to develop a new community focused program to more effectively reduce exposure to air pollution and preserve public health. CARB and local air quality districts are directed to take measures to protect communities disproportionately impacted by air pollution through local, community-specific strategies that are focused on the individual needs and issues particular to each community. Tasked to prepare a statewide strategy to reduce emissions in communities affected by high exposure to air pollution, CARB has established the Community Air Protection Program (CAPP) to identify and prioritize communities on an annual basis where reduction from pollution exposure is needed based on environmental, health, and socioeconomic information. This statewide effort to reduce exposure in communities most impacted by air pollution will require



community air monitoring, community emission reduction plans, and incentive funding to deploy the cleanest technologies in the most impacted areas. Although CARB ultimately selects the communities to be included in the CAPP and establishes the program requirements, AB 617 places the responsibility for the development and implementation of community emissions reduction programs primarily on the local air quality districts. Specifically, once communities are selected for action by CARB, the local air quality districts are tasked to: (1) form a community steering committee and begin development of community emission reduction programs; 2) develop expedited schedules for implementing best available retrofit control technology (BARCT) requirements; (3) deploy monitoring in communities selected for community air monitoring systems; and (4) adopt programs to reduce emissions in the selected communities (CARB 2021e).

## 2.2.9 Regional

### 2.2.10 South Coast Air Quality Management District

At the regional level, responsibilities of air quality districts include overseeing stationary-source emissions, approving permits, maintaining emissions inventories, maintaining air quality stations, overseeing agricultural burning permits, and reviewing air quality-related sections of environmental documents required by the California Environmental Quality Act (CEQA). The air quality districts are also responsible for establishing and enforcing local air quality rules and regulations that address the requirements of federal and state air quality laws and for ensuring that NAAQS and CAAQS are met.

The project site lies within the Los Angeles County portion of the Basin, which is under the jurisdiction of SCAQMD. SCAQMD has jurisdiction over an area of approximately 10,743 square miles, including all of Orange County; Los Angeles County, except for the Antelope Valley; the non-desert portion of western San Bernardino County; and the western and Coachella Valley portions of Riverside County. The Basin is a sub-region of SCAQMD's jurisdiction. Although air quality in this area has improved, the Basin requires continued diligence to meet air quality standards.

SCAQMD has adopted a series of air quality management plans (AQMPs) to meet CAAQS and NAAQS. These plans require, among other emissions-reducing activities, control technology for existing sources, control programs for area sources and indirect sources, an SCAQMD permitting system that allows no net increase in emissions from any new or modified (i.e., previously permitted) emissions sources, and transportation control measures. The most recent publication is the 2016 AQMP, which is intended to serve as a regional blueprint for achieving the federal air quality standards and healthful air.

The 2016 AQMP represents a thorough analysis of existing and potential regulatory control options, and includes available, proven, and cost-effective strategies to pursue multiple goals in promoting reductions in GHG emissions and toxic risk, as well as efficiencies in energy use, transportation, and goods movement. The 2016 AQMP focuses on demonstrating NAAQS attainment dates for the 2008 8-hour O<sub>3</sub> standard, the 2012 annual PM<sub>2.5</sub> standard, and the 2006 24-hour PM<sub>2.5</sub> standard. The 2016 AQMP includes both stationary and mobile source strategies to ensure that rapidly approach attainment deadlines are met, that public health is protected to the maximum extent feasible, and that the region is not faced with burdensome sanctions if NAAQS are not met by the established date.

SCAQMD published the *CEQA Air Quality Handbook* in November 1993<sup>1</sup> to help local governments analyze and mitigate project-specific air quality impacts. This handbook provides standards, methodologies, and procedures for conducting air quality analyses as part of CEQA documents prepared within SCAQMD's jurisdiction. In addition, SCAQMD has published two guidance documents: *Localized Significance Threshold Methodology* (2008) and *Final-Methodology to Calculate Particulate Matter (PM)<sub>2.5</sub> and PM<sub>2.5</sub> Significance Thresholds* (2006). These publications provide guidance for evaluating localized effects from mass emissions during construction. Both were used in the preparation of this analysis.

The project is also required to comply with all applicable SCAQMD Rules and Regulations pertaining to construction activities, including, but not limited to the following.

- *Rule 401– Visible Emissions.* This rule prohibits the discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any 1 hour that is as dark or darker in shade as that designated No. 1 on the Ringelmann Chart, as published by the U.S. Bureau of Mines.
- *Rule 402– Nuisance.* This rule prohibits the discharge of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; endanger the comfort, repose, health, or safety of any such persons or the public; or cause, or have a natural tendency to cause, injury or damage to business or property. Odors are regulated under this rule.
- *Rule 403 – Fugitive Dust.* This rule prohibits emissions of fugitive dust from any active operation, open storage pile, or disturbed surface area that remains visible beyond the property line of the emission's source. During construction, best available control measures identified in the rule would be required to minimize fugitive dust emissions from proposed earthmoving and grading activities. These measures would include site pre-watering and re-watering as necessary to maintain sufficient soil moisture content. Additional requirements apply to construction projects on properties with 50 or more acres of disturbed surface area or any earthmoving operation with a daily earthmoving or throughput volume of 5,000 cubic yards or more three times during the most recent 365-day period. These requirements include submittal of a dust control plan, maintenance of dust control records, and designation of an SCAQMD-certified dust control supervisor.
- *Rule 1108 – Cutback Asphalt.* This rule specifies VOC content limits for cutback asphalt.
- *Rule 1470 – Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines.* This rule specifies requirements for stationary diesel engines, including emergency standby generators. It requires owners or operators of emergency standby generators to keep monthly logs of usage, limits maintenance and testing to 50 hours per year, and requires emission rates to not exceed 0.40 gram per brake-horsepower hour.
- *Rule 1113 – Architectural Coatings.* This rule limits the VOC content in architectural coatings used in the SCAQMD jurisdiction. These limits are application-specific and are updated as availability of low-VOC products expands.

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<sup>1</sup> Section updates provided on the SCAQMD website: <http://www.aqmd.gov/ceqa/hdbk.html>.

SCAQMD rules and regulations that would also be applicable to the project's operational activities include, but are not limited to the following.

- *Rule 1113 – Architectural Coatings.* This rule limits the VOC content in architectural coatings used in the SCAQMD jurisdiction. These limits are application-specific and are updated as availability of low-VOC products expands.
- *Rule 1470 – Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines.* This rule specifies requirements for stationary diesel engines, including emergency standby generators. It requires owners or operators of emergency standby generators to keep monthly logs of usage, limits maintenance and testing to 50 hours per year, and requires emission rates to not exceed 0.40 gram per brake-horsepower hour.

### 2.2.11 Southern California Association of Governments

The Southern California Association of Governments (SCAG) is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial counties. SCAG addresses regional issues related to transportation, the economy, community development, and the environment, and is the federally designated metropolitan planning organization for a majority of the region and the largest metropolitan planning organization in the nation. As required by federal and state law, SCAG develops plans pertaining to transportation, growth management, hazardous waste management, housing, and air quality. SCAG data are used in the preparation of air quality forecasts and the conformity analysis included in the AQMP.

SCAG is responsible for developing long-range transportation plans and a sustainability strategy for a vast and varied region. The centerpiece of that planning work is Connect SoCal, the 2020–2045 Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS) (2020–2045 RTP/SCS). Connect SoCal is supported by a combination of transportation and land use strategies that outline how the region can achieve California's greenhouse gas emission reduction goals and federal Clean Air Act requirements (SCAG 2020a). The 2020–2045 RTP/SCS is focused on creating dynamic, connected built environments that support multimodal mobility, reduced reliance on single-occupancy vehicles, and reduced air pollutant emissions through the implementation of center focused placemaking, and development in priority growth areas, such as job centers, transit priority areas (TPA), and high quality transit areas (SCAG 2020a).

### 2.2.12 City of Los Angeles General Plan Air Quality Element

The *City's General Plan – Air Quality Element* addresses citywide goals, objectives, and policies designed to promote cleaner air and improved public health (City of Los Angeles 1992). The principal objective of the Air Quality Element of the general plan is to aid the region in attaining the state and federal ambient air quality standards while continuing economic growth and improvement in the quality of life afforded to City residents. The Air Quality Element also documents how the City will implement local programs contained in the general plan through recognition of the interrelationships between transportation and land use planning. The Air Quality Element establishes six citywide criteria for meeting its mobility and air quality goals:

- Good air quality in an environment of continued population growth and healthy economic structure

- Less reliance on single-occupant vehicles with fewer commute and non-work trips
- Efficient management of transportation facilities and system infrastructure using cost-effective system management and innovative demand-management techniques
- Minimal impacts of existing land use patterns and future land use development on air quality by addressing the relationship between land use, transportation, and air quality
- Energy efficiency through land use and transportation planning, the use of renewable resources and less-polluting fuels and the implementation of conservation measures such as site orientation and tree planting
- Citizen awareness of the linkages between personal behavior and air pollution and participation in efforts to reduce air pollution

In accordance with CEQA requirements, the City assesses the air quality impacts of new development projects, requires mitigation of potentially significant air quality impacts by conditioning discretionary permits, and monitors and enforces implementation of such mitigation. The City uses the SCAQMD's *CEQA Air Quality Handbook* and SCAQMD's supplemental online guidance/information for the environmental review of plans and development proposals within its jurisdiction.

## 2.3 Air Quality Impacts

### 2.3.1 Methodology

Air pollutant emissions would occur from both construction and operation of the new recreation center at the project site. The project's construction activities would generate temporary air pollutant emissions from the use of off-road mobile equipment and combustion-powered tools at the project site as well as construction-related worker, vendor truck, and haul truck trips traveling to and from the project site. Once constructed, air pollutant emissions would result from operations of the new recreation center, which includes mobile, energy, and area source emissions. The change in air pollutant emissions generated by the project relative to baseline conditions has been estimated and compared with the applicable air quality thresholds of significance recommended by SCAQMD.

### 2.3.2 Short-term Construction-Generated Emissions

Construction of the project would generate emissions of ROG, NO<sub>x</sub>, CO, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> that could result in short-term air quality effects during the construction period. Emissions would originate from off-road equipment exhaust, employee and haul truck vehicle exhaust (on-road vehicles), site grading and earth movement, paving activities, and the application of architectural coatings. It is anticipated that project construction would commence in April 2022 and occur over an approximately 11-month period before being completed in March 2023.

The project's short-term construction emissions consisting of combustion exhaust, fugitive dust (i.e., PM<sub>10</sub> and PM<sub>2.5</sub>), and fugitive off-gassing (i.e., ROG) were estimated using a combination of

emission factors and methodologies from the California Emissions Estimator Model (CalEEMod), version 2016.3.2, CARB's most recent Emission FACTors model (EMFAC2021), and USEPA's AP-42 Compilation of Air Pollutant Emission Factors. The modeling was conducted based on project-specific construction data (e.g., schedule, equipment, truck volumes) provided by the City's Department of Public Works, Bureau of Engineering (BOE), where available. Where project-specific information was not available, reasonable assumptions based on similar projects and default model settings were used to estimate criteria air pollutant and ozone precursor emissions. Details regarding the methods and activity assumptions by source type are provided below.

- **Off-Road Equipment**—Emission factors for off-road construction equipment (e.g., excavators, pavers) were obtained from the CalEEMod (version 2016.3.2) User's Guide appendix, which provides values per unit of activity (in grams per horsepower-hour) by calendar year (California Air Pollution Control Officers Association [CAPCOA] 2017). Criteria pollutants were estimated by multiplying the CalEEMod emission factors by the equipment inventory.
- **On-Road Vehicles**—On-road vehicles (e.g., delivery trucks, haul trucks, and passenger vehicles) would be required for material deliveries to the project site, material hauling from the project site, onsite material movement, and employee commuting. Exhaust emissions from on-road vehicles were estimated using the EMFAC2021 emissions model and activity data (number of vehicles and miles traveled per day). Emission factors for haul trucks are based on aggregated-speed emission rates for EMFAC's heavy-heavy duty truck (HHDT) vehicle category. Emission factors for water and vendor trucks are based on aggregated-speed emission rates for EMFAC's HHDT and medium heavy-duty trucks (MHDT) vehicle categories. Consistent with CalEEMod methods, an emissions factor for vendor and water trucks was based on the vendor fleet consisting of 50 percent MHDT and 50 percent HHDT. To estimate vehicle travel within the project site, emission factors for onsite water, vendor, and haul trucks were based on the same vehicle categories but assuming a conservative travel speed of five miles per hour. Emission factors for employee commute vehicles are based on a weighted average of the aggregated-speed emission rates for EMFAC's light-duty automobile/light-duty truck vehicle categories (LDA, LDT1, and LDT2). To be consistent with CalEEMod methodology, a weighted emissions factor for the employee commute vehicles consisted of a fleet mix of 50 percent LDA, 25 percent LDT1, and 25 percent LDT2.

To account for fugitive dust emissions from vehicle travel on unpaved surfaces within the project site, it was assumed that each vendor and haul truck would travel a distance of 0.24 mile (distance across project site) on unpaved surfaces within the site twice daily (i.e., arrival and departure), whereas water trucks would travel this distance approximately eight times a day for fugitive dust control under SCAQMD Rule 403. Fugitive dust emissions from this travel was adjusted using the appropriate unpaved emission factors from USEPA's AP-42 Compilation of Air Pollutant Emission Factors, Section 13.2.2, *Unpaved Roads*, guidance. Fugitive dust from travel on paved roads by worker vehicles and trucks was estimated using emission factors from USEPA's AP-42 Compilation of Air Pollutant Emission Factors, Section 13.2.1, *Paved Roads* guidance, and CARB's Miscellaneous Process Methodology 7.9, *Entrained Road Travel, Paved Road Dust*.

- **Site Grading and Earth Movement**— Fugitive dust emissions from earth movement (e.g., site preparation and excavation/grading and truck loading) were quantified using emission factors from CalEEMod. Data on the total graded acreage and quantity of soil excavation were obtained

from BOE. The modeling of the project's fugitive dust emissions also accounts for implementation of mandatory fugitive dust control measures required by SCAQMD Rule 403.

- **Paving**—Fugitive ROG emissions were calculated based the amount of square feet to be paved at the project site and the CalEEMod default emission factor of 2.62 pounds of ROG per acre paved (CAPCOA 2017).
- **Architectural Coatings**—ROG emissions from the application of architectural coatings were calculated based the total surface amount to be coated for project and the VOC content of the coatings. The amount of surface to be coated was determined using CalEEMod's default assumption that the total surface for painting for a project equals two times that for non-residential square footage. Additionally, of the total surface area to be coated, CalEEMod assumes that 75 percent of the area would be for the interior surfaces and 25 percent would be for the exterior shell (CAPCOA 2017). The default VOC content value of 100 g/L used by CalEEMod for parking lot coatings was used in estimating the project's emissions.

ROG emissions from the painting of stripes, handicap symbols, directional arrows, and car space descriptions in the parking area of the project site were also calculated based on the CalEEMod default assumption that 6 percent of a project's parking lot area would be painted. The default VOC content value of 100 g/L used by CalEEMod for parking lot coatings was used in estimating the project's emissions.

The resulting pollutant emissions estimated for the project were then assessed against SCAQMD's regional significance thresholds, which are shown in Table 2.3-2, to determine the project's impacts on regional air quality. The modeling output files are provided in Appendix A of this report.

In conducting the localized air quality analysis for the project, which focuses only on onsite emissions and their impacts on nearby sensitive receptor locations, the project's peak onsite construction emissions generated from combustion sources (e.g., off-road construction equipment and vehicle travel by water, vendor, and haul trucks within the project site) and fugitive sources (e.g., grading and demolition dust) were extracted from the total emission estimates conducted for the regional air quality analysis. These daily total onsite combustion, mobile, and fugitive dust emissions associated with the project's construction activities were evaluated against SCAQMD's localized significance thresholds (LSTs) for a 2.3-acre site, which are shown in Table 2.3-3.

### 2.3.3 Long-term Operational Emissions

Operation of the project would generate emissions of ROG, NO<sub>x</sub>, CO, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> that could result in long-term impacts on ambient air quality. The project's emissions of these air pollutants and precursors would be generated from area, energy, and mobile sources and were quantified using CalEEMod. Area-source emissions, which are widely distributed and composed of many small emissions sources (e.g., landscaping equipment, consumer products, painting operations, etc.), and energy-source emissions, which are generated from activities in buildings where natural gas is used (e.g., heating), were modeled according to the size and type of land uses proposed at the project site.

The modeling of mass mobile-source emissions during project operations was conducted using CalEEMod. Mobile emissions were estimated based on vehicle fleet emission factors generated from EMFAC2021 and daily trips provided by the Transportation Assessment Memorandum prepared for the project (Fehr & Peers 2021).

Stationary-source emissions at the project site would be generated by one 40 kW diesel-powered emergency generator onsite for periodic maintenance and testing operations throughout the year. Emissions were modeled using CalEEMod and based on the size of the generator and the estimated hours of daily and annual operation. The annual operation hours for the emergency generator were modeled at 50 hours per the requirement under SCAQMD Rule 1470, which establishes requirements for stationary diesel-fueled internal combustion engines such as emergency generators, that the operation of new stationary emergency standby diesel-fueled engines be restricted to no more than 50 hours per year for maintenance and testing. With respect to daily emissions, it was assumed that the project's onsite emergency generator would each operate for two hours on a given day for maintenance and testing purposes.

Overall, the resulting long-term operational emissions that would be generated by the project were then assessed against the applicable SCAQMD thresholds (refer to Table 2.3-2) to determine the project's impacts on regional air quality.

Aside from regional air quality impacts, the project's localized air quality impacts during operations at nearby sensitive receptor locations were analyzed by assessing the project's onsite operational emissions against SCAQMD's applicable operational LSTs. To account for mobile-source emissions associated with vehicles traveling within the parking lot, it was conservatively assumed that 5 percent of the total daily offsite mobile emissions generated during project operations would occur within the project site. The project's total onsite operational emissions were then evaluated against SCAQMD's applicable operational LSTs (refer to Table 2.3-2).

### **2.3.4 Operational Carbon Monoxide Hot Spots**

A CO hot spot is a localized concentration of CO that is above the state or national 1-hour or 8-hour ambient air standards for the pollutant. As part of SCAQMD's 2003 AQMP, which is the most recent AQMP that addresses CO concentrations, a detailed CO hot spots analysis was conducted by SCAQMD at four heavily congested intersections in the Basin that were likely to experience the highest CO concentrations. The results of the CO hot spots analysis did not predict a violation of CO standards at any of these four intersections. As such, the potential for the project to result in localized CO impacts occurring from the addition of project-associated traffic volumes at intersections is assessed by comparing the highest daily traffic volumes provided by the project's traffic engineer at the intersections nearest to the project site against the highest traffic volumes at the busiest intersection evaluated in the 2003 AQMP. Where it is determined that the project's highest intersection traffic volumes would be lower than the traffic volumes at the four intersections modeled by SCAMQD, it can be concluded that the project would not result in any localized CO impacts.

### **2.3.5 Thresholds of Significance**

The City has not developed specific air quality thresholds for air quality impacts. Instead, it relies on the regional and localized pollutant thresholds that have been established by SCAQMD to make determinations regarding air quality impacts. The thresholds used to assess the impacts of the project are discussed below.

## Regional Thresholds

The SCAQMD has established air quality significance thresholds that are applicable to both construction and operational emissions generated by projects within its jurisdiction. These significance thresholds were derived using regional emissions modeling to determine maximum allowable mass quantities of pollutant emissions that could be generated by individual projects without adversely affecting air quality and creating public health concerns based on existing pollution levels. These regional pollutant emission thresholds are shown in Table 2.3-1.

**Table 2.3-1. SCAQMD Regional Air Quality Significance Thresholds**

Pollutant	Mass Daily Thresholds (pounds/day)	
	Construction	Operation
Nitrogen Oxides (NO <sub>x</sub> )	100	55
Volatile Organic Compounds (VOC) <sup>a</sup>	75	55
Suspended Particulate Matter (PM <sub>10</sub> )	150	150
Fine Particulate Matter (PM <sub>2.5</sub> )	55	55
Sulfur Oxides (SO <sub>x</sub> )	150	150
Carbon Monoxide (CO)	550	550
Lead (Pb) <sup>b</sup>	3	3

Source: SCAQMD 2019.

<sup>a</sup> The terms VOC and reactive organic gases (ROG) are used interchangeably. SCAQMD uses VOC, and CalEEMod uses ROG.

<sup>b</sup> The project would result in no lead emissions sources during the construction period or operations. As such, lead emissions are not evaluated herein.

## Localized Thresholds

Aside from regional air quality impacts, projects in the Basin are also required to analyze local air quality impacts. The SCAQMD has developed LSTs that represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standards, and thus would not cause or contribute to localized air quality impacts. LSTs are developed based on the ambient concentrations of that pollutant for each of the 38 source receptor areas (SRAs) in the Basin. The localized thresholds, which are found in the mass rate look-up tables in SCAQMD's *Final Localized Significance Threshold Methodology* document, were developed for the analysis of projects that are less than or equal to five acres in size and applicable only to the following criteria pollutants: NO<sub>x</sub>, CO, PM<sub>10</sub>, and PM<sub>2.5</sub>. The analysis of localized air quality impacts focuses only on the onsite activities of a project and does not include emissions that are generated offsite, such as on-road haul or delivery truck trips (SCAQMD 2008a).

The mass rate look-up tables developed by SCAQMD present LST values in the form of allowable emissions (in pounds per day) as a function of receptor distance from a project's site boundary. These LST values were developed by SCAQMD for 1-acre, 2-acre, and 5-acre sites. The LSTs established for each of the aforementioned site acreages represent the level of pollutant emissions that would not exceed the most stringent applicable federal or state ambient air quality standards. As the project site is approximately 2.3 acre in size, the applicable LSTs for a 2-acre site are used to



evaluate the project's onsite emissions. The construction and operational LSTs for a 2-acre site in SRA 1 (Central Los Angeles), which is where the project site is located, are shown in Table 2.3-2.

**Table 2.3-2. SCAQMD LSTs**

Pollutant Monitored within SRA 1 Central Los Angeles	2.3-Acre Site <sup>a</sup>	
	Allowable Emissions (pounds/day) as a Function of Receptor Distance (feet) from Site Boundary	
	82 feet (25 meters) <sup>b</sup>	
<i>Construction Screening Thresholds</i>		
Nitrogen Oxides (NO <sub>x</sub> ) <sup>c</sup>	108	
Carbon Monoxide (CO)	1,048	
Respirable Particulate Matter (PM <sub>10</sub> )	8	
Fine Particulate Matter (PM <sub>2.5</sub> )	5	
<i>Operational Screening Thresholds</i>		
Nitrogen Oxides (NO <sub>x</sub> ) <sup>b</sup>	108	
Carbon Monoxide (CO)	1,048	
Respirable Particulate Matter (PM <sub>10</sub> )	2	
Fine Particulate Matter (PM <sub>2.5</sub> )	2	

Source: SCAQMD 2008a.

<sup>a</sup> The LSTs for a 2-acre site with a 25-meter receptor distance in SRA 1 (obtained from Appendix C [Localized Significance Threshold Screening Tables] of SCAQMD's *Final Localized Significance Threshold Methodology* document).

<sup>b</sup> Although SCAQMD's mass rate look-up tables present LST values for receptor distances of 82, 164, 328, 656, and 1,640 feet from a project's site boundary, for the purpose of this analysis only the LST values at a receptor distance of 82 feet is provided since LSTs at this distance are the most conservative and best meet the distances at which the nearest offsite sensitive receptors are from the project site among the distances in SCAQMD's LST lookup tables. According to SCAQMD's LST methodology, it is recommended that projects with boundaries closer than 82 feet (25 meters) from the nearest receptor use the LSTs for receptors located at 82 feet.

<sup>c</sup> The localized thresholds listed for NO<sub>x</sub> in this table take into consideration the gradual conversion of NO to NO<sub>2</sub>. The analysis of localized air quality impacts associated with NO<sub>x</sub> emissions focuses on NO<sub>2</sub> levels because of their association with adverse health effects.

LST=Local Significance Threshold

### Carbon Monoxide Hot-Spots

Heavy traffic congestion can contribute to high levels of CO. Individuals exposed to these CO "hot-spots" may have a greater likelihood of developing adverse health effects (as described in Section 2.1., *Existing Setting*). The potential for the project to result in localized CO impacts at intersections resulting from addition of its traffic volumes is assessed against the health-based CAAQS and NAAQS for CO. SCAQMD states that a project impact is significant if it causes or contributes to an exceedance of the following attainment standards:

- 1-hour standards of 20 ppm (state) and 35 ppm (federal)
- 8-hour standards of 9.0 ppm (state) and 9 ppm (federal)

### Diesel Particulate Matter

Based on applicable TAC criteria set forth by SCAQMD, the project would have a significant TAC impact if the project results in the exposure of sensitive receptors to carcinogenic or toxic air

contaminants that exceed the maximum incremental cancer risk threshold of 10 in 1 million or increases the non-cancer health risk such that the ratio of the chronic or acute exposure to the reference exposure level (i.e., “hazard index”) exceeds 1.0 (SCAQMD 2019).

### 2.3.6 Best Management Practices

The following best management practice (BMP) would be implemented as part of the project:

**BMP-AQ-1:** The following measures will be employed by the project to minimize construction-related emissions:

- Water exposed areas four times per day to control dust in accordance with SCAQMD Rule 403.
- All off-road diesel-powered equipment greater than 50 horsepower used during construction will be equipped with engines that meet USEPA Tier 4 Final emission standards.

### 2.3.7 Impact Analysis

#### Consistency with Applicable Air Quality Plan

The 2016 AQMP was adopted by the SCAQMD as a program to lead the Basin into compliance with criteria pollutant standards and other federal requirements for which the Basin is not in compliance. The AQMP relies on emissions forecasts based on the demographic and economic growth projections provided by the SCAG 2016 RTP/SCS (SCAQMD 2017). SCAG is charged by California law to prepare and approve “the portions of each AQMP relating to demographic projections and integrated regional land use, housing, employment, and transportation programs, measures and strategies” (SCAQMD 2017). A project is considered to be consistent with the AQMP and not obstruct its implementation if, in part, it is consistent with the demographic and economic growth projections used in the formulation of the AQMP. According to SCAQMD, there are two key indicators of consistency with the applicable air quality plan: 1) whether the project would result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations, or delay timely attainment of air quality standards or the interim emission reductions specified in the air quality plan; and 2) whether the proposed project would cause the project area to exceed the forecasted growth incorporated into the applicable air quality plan.

#### Construction

The first consistency criterion is related to violations of CAAQS and NAAQS. Construction emissions associated with development of the proposed project would be temporary in nature and would not have a long-term impact on the region’s ability to meet California and federal air quality standards. As shown later in Table 2.3-6 and Table 2.3-7 of this report, maximum daily emissions of air pollutants from construction activities would not exceed SCAQMD’s regional or localized significance threshold values. As such, the project’s emissions would not increase concentrations of criteria pollutants or their precursors in a manner that could obstruct SCAQMD’s efforts to achieve attainment of ambient air quality standards for any criteria pollutant for which it is currently not in attainment, or jeopardize the current attainment status of the Basin for other criteria pollutants. In addition, construction activities associated with the proposed project would comply with State and local strategies designed to control air pollution, such as SCAQMD Rules 402 (nuisance emissions)

and 403 (dust control). By adhering to the SCAQMD rules and regulations pertaining to fugitive dust control and maintaining maximum daily emissions below the SCAQMD mass daily thresholds, project construction activities would be consistent with the goals and objectives of the applicable air quality plan to improve air quality in the Basin and would not result in an air quality violation.

The second consistency criterion requires that the proposed project not exceed the assumptions incorporated into the applicable air quality plan. The most applicable air quality plans for the proposed project are the 2016 AQMP, which is based on the SCAG 2016–2040 RTP/SCS. A large-scale individual project could potentially exceed assumptions in the air quality plan if it resulted in a zoning change that led to disproportionate growth relative to the land use types analyzed in the air quality plan. However, the air quality plan focuses on long-term, operational sources of air pollutants that contribute to the regional emission inventory. Short-term, temporary emissions associated with construction activities would not conflict with the air quality plan so long as no SCAQMD daily thresholds of significance for mass emissions are exceeded. As shown later in Table 2.3-6 and Table 2.3-7 of this report, construction activities would not generate daily air pollutant emissions of sufficient magnitude to exceed any applicable threshold of significance and impacts listed in applicable air quality plans.

## Operations

Implementation of the proposed project would develop a recreation center and add much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles. The 20,000 square foot multi-faceted facility will also house flex spaces to accommodate a variety of recreation related social programs, and a community meeting room. No stationary source emissions would be associated with the development of the project. With respect to the first consistency criterion, the emissions modeling results presented later in this report in Table 2.3-7 and Table 2.3-8 demonstrate that operation of the proposed project would not exceed any applicable SCAQMD thresholds. As such, the operation of the project would not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations. With respect to the second consistency criterion, the project site is currently zoned PF-1 (Public Facilities) and is also designated as Public Facilities in the South Los Angeles Community Plan. The project's facility would be consistent with the land uses that are allowed under the site's zoning and land use designation. As such, the project is consistent with the underlying zoning and land use designation that are the basis of the population projections in SCAG's RTP, and consequently, the AQMP. Therefore, the project would not have any potential to result in growth that would exceed the projections incorporated into the AQMP or the SCAG 2016–2040 RTP/SCS.

## Consistency with City's General Plan Air Quality Element

In addition to the project's consistency with the 2016 AQMP, the project's consistency with the applicable goals, objectives, and policies of the City's General Plan Air Quality Element is also evaluated and shown in Table 2.3-3 below.

**Table 2.3-3. Consistency of Project with Applicable Goals, Policies, and Objectives of the City’s General Plan Air Quality Element**

Goal/Objective/Policy	Project Consistency Assessment
<p><b>Goal 1:</b> Good air quality and mobility in an environment of continued population growth and healthy economic structure.</p>	<p><b>Consistent.</b> The project would be consistent with SCAG Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) goals and objectives under Senate Bill (SB) 375 to implement “smart growth.” The project would add much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the Metropolitan Transportation Authority (MTA) and will seek parking reductions due to its close proximity to MTA train and bus lines.</p>
<p><b>Objective 1.1:</b> It is the objective of the City of Los Angeles to reduce air pollutants consistent with the Regional Air Quality Management Plan (AQMP), increase traffic mobility, and sustain economic growth citywide.</p>	<p><b>Consistent.</b> As reflected above, the project would be consistent with the SCAG growth projections that are used in preparing the AQMP. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. As such, the project would be supportive of the Transportation Control Measures in the AQMP related to reducing vehicle trips for employees and visitors and residents.</p>
<p><b>Objective 1.3:</b> It is the objective of the City of Los Angeles to reduce particulate air pollutants emanating from unpaved areas, parking lots, and construction sites.</p>	<p><b>Consistent.</b> The project would implement required control measures for construction-related fugitive dust pursuant to SCAQMD Rule 403. The project would also comply with the applicable provisions of the California Air Resources Board (CARB) Air Toxics Control Measure regarding idling limitations for diesel trucks reducing exhaust diesel particulate matter (DPM) emissions. The project contractor(s) would also be required by state regulations to comply with the fleet on-road heavy duty vehicle emissions standards consistent with Measure MOB-08 from the AQMP. These control strategies are intended to reduce emissions from on-road and off-road heavy-duty vehicles and equipment and are implemented by accelerating the replacement of older engines that produce higher pollutant emissions with newer engines that produce lower pollutant emissions. Additionally, the project would require all diesel-powered off-road equipment greater than 50 hp to meet United States Environmental Protection Act (USEPA) Tier 4 Final standards.</p>
<p><b>Policy 1.3.1:</b> Minimize particulate emissions from construction sites.</p>	<p><b>Consistent.</b> The project would incorporate measures that would reduce particulate air pollutants from construction activity as described above under Objective 1.3.</p>

Goal/Objective/Policy	Project Consistency Assessment
<b>Policy 1.3.2:</b> Minimize particulate emissions from unpaved roads and parking lots associated with vehicular traffic.	<b>Consistent.</b> The project would implement required control measures for construction-related fugitive dust pursuant to SCAQMD Rule 403, which would minimize particulate emissions from unpaved roads and parking areas associated with construction-related vehicular traffic. The project would not include unpaved areas after construction.
<b>Goal 2:</b> Less reliance on single-occupant vehicles with fewer commute and non-work trips.	<b>Consistent.</b> The project's land use characteristics would reduce trips and vehicle miles traveled (VMT) due to its urban infill location that includes nearby housing, employment, commercial, and service uses with nearby access to multiple public transit services options.
<b>Objective 2.1:</b> It is the objective of the City of Los Angeles to reduce work trips as a step toward attaining trip reduction objectives necessary to achieve regional air quality goals.	<b>Consistent.</b> The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. These project characteristics would reduce trips and encourage residents to utilize alternative modes of transportation.
<b>Policy 2.1.1:</b> Utilize compressed work weeks and flextime, telecommuting, carpooling, vanpooling, public transit, and improve walking/bicycling related facilities in order to reduce vehicle trips and/or VMT as an employer and encourage the private sector to do the same to reduce work trips and traffic congestion.	<b>Consistent.</b> The project would add much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. The project would also provide 10 standard and four long-term (enclosed lockers) bike parking. These features would reduce work trips and encourage employees to utilize alternative modes of transportation including public transportation, walking, and bicycling.
<b>Objective 2.2:</b> It is the objective of the City of Los Angeles to increase vehicle occupancy for non-work trips by creating disincentives for single passenger vehicles, and incentives for high occupancy vehicles.	<b>Consistent.</b> The project's location would encourage non-automotive transportation to and from the project site. The project would be located within proximity of existing public transportation and would provide onsite bicycle parking for employees and visitors.
<b>Policy 2.2.1:</b> Discourage single-occupant vehicle use through a variety of measures such as market incentive strategies, mode-shift incentives, trip reduction plans and ridesharing subsidies.	<b>Consistent.</b> The project would provide ample parking spaces in accordance with Los Angeles Municipal Code (LAMC) requirements, which would encourage non-automotive travel. The project's infill location would encourage non-automotive transportation to and from the project site. The project would be located within proximity of existing public transportation and would provide onsite bicycle parking for building employees and visitors.

Goal/Objective/Policy	Project Consistency Assessment
<p><b>Policy 2.2.2:</b> Encourage multi-occupant vehicle travel and discourage single-occupant vehicle travel by instituting parking management practices.</p>	<p><b>Consistent.</b> The project would include bicycle parking spaces in accordance with LAMC requirements, which would encourage non-automotive travel. The project’s infill location would encourage non-automotive transportation to and from the project site. The project would be located within proximity of existing public transportation and would provide onsite bicycle parking for building residents, employees, and visitors. .</p>
<p><b>Goal 4:</b> Minimal impact of existing land use patterns and future land use development on air quality by addressing the relationship between land use, transportation, and air quality.</p>	<p><b>Consistent.</b> The project would develop a recreation center and provide much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. The project would also provide long-term and short-term bicycle parking which would help people have more opportunities to bicycle, walk and pursue other active alternatives to driving. The project’s design and location would help to improve air quality and the well-being of people as they would have greater opportunities for pedestrian and bicycling activity and to reduce their reliance on automobiles.</p>
<p><b>Policy 4.2.2:</b> Improve accessibility for the City’s residents to places of employment, shopping centers and other establishments.</p>	<p><b>Consistent.</b> The project would develop a recreation center and provide much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in south Los Angeles. The project is located an urban area surrounded by commercial, residential, restaurant, and service uses.</p>
<p><b>Policy 4.2.3:</b> Ensure that new development is compatible with pedestrians, bicycles, transit, and alternative fuel vehicles.</p>	<p><b>Consistent.</b> The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. The project would also provide long-term and short-term bicycle parking which would help people have more opportunities to bicycle, walk and pursue other active alternatives to driving. Onsite parking would also accommodate up to four electronic vehicle (EV) charging spaces. These features would reduce work trips and encourage employees to utilize alternative modes of transportation including public transportation, walking, and bicycling.</p>

Goal/Objective/Policy	Project Consistency Assessment
<b>Policy 4.2.5:</b> Emphasize trip reduction, alternative transit, and congestion management measures for discretionary projects.	<b>Consistent.</b> The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. The project would also provide long-term and short-term bicycle parking which would help people have more opportunities to bicycle, walk and pursue other active alternatives to driving. Onsite parking would also accommodate up to four EV charging spaces. These features would reduce work trips and encourage employees to utilize alternative modes of transportation including public transportation, walking, and bicycling.
<b>Goal 5:</b> Energy efficiency through land use and transportation planning, the use of renewable resources and less polluting fuels, and the implementation of conservation measures, including passive methods such as site orientation and tree planting.	<b>Consistent.</b> To achieve Leadership in Energy and Environmental Design (LEED) Silver certification, energy saving and sustainable design would be incorporated throughout the project. As part of its sustainable design the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kW), stormwater capture and reuse systems, high speed EV chargers, and vertical gardens. The project facility will be outfitted with the latest technology to help reduce the transmission of airborne viruses to ensure the safety of patrons. Equipment systems and design criteria such as, but not limited to, on demand air purge systems, ultraviolet (UV) filtration of circulated air, social distanced waiting areas, and body temperature checkpoints will be incorporated into the final design.
<b>Objective 5.1:</b> It is the objective of the City of Los Angeles to increase energy efficiency of City facilities and private developments.	<b>Consistent.</b> To achieve LEED Silver certification, energy saving and sustainable design would be incorporated throughout the project. The project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kW), stormwater capture and reuse systems, high speed EV chargers, and vertical gardens.
<b>Policy 5.1.2:</b> Effect a reduction in energy consumption and shift to non-polluting sources of energy in its buildings and operations.	<b>Consistent.</b> As noted previously, project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kW), stormwater capture and reuse systems, high speed EV chargers, and vertical gardens. The project facility will be outfitted with the latest technology to help reduce the transmission of airborne viruses to ensure the safety of patrons. Equipment systems and design criteria such as, but not limited to, on demand air purge systems, UV filtration of circulated air, social distanced waiting areas, and body temperature checkpoints will be incorporated into the final design.

Goal/Objective/Policy	Project Consistency Assessment
<b>Policy 5.1.4:</b> Reduce energy consumption and associated air emissions by encouraging waste reduction and recycling.	<b>Consistent.</b> The project would implement a construction waste management plan to divert all mixed construction and demolition debris to City certified construction and demolition waste processors, consistent with the Los Angeles City Council approved Council File 09-3029. During operations, the project would be served by a solid waste collection and recycling service under the City’s recycLA program, which offers recycling and organic waste recycling to businesses and large multi-family customers.
<b>Policy 5.3.1:</b> Support the development and use of equipment powered by electric or low-emitting fuels.	<b>Consistent.</b> As noted previously, the project would incorporate energy saving and sustainable design throughout the project to achieve LEED Silver certification. The project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kW), stormwater capture and reuse systems, high speed EV chargers, and vertical gardens.

As discussed in Table 2.3-3, the construction and operation of the project would not conflict with or be inconsistent with applicable air quality policies of the General Plan.

## Project Construction

### Regional Emissions

Construction associated with the project would generate criteria pollutant emissions from the following activities: demolition; site preparation; grading and excavation; construction workers traveling to and from project site; delivering construction supplies to, and hauling debris from, the project site; fuel combustion by onsite construction equipment; and building construction, the application of architectural coatings, and paving activities. These construction activities have the potential to temporarily create emissions of dust, fumes, equipment exhaust, and other air contaminants. The amount of emissions generated on a daily basis would vary, depending on the intensity and types of construction activities occurring simultaneously. To provide the most conservative analysis, maximum daily emissions estimates, which are used to assess project impacts, are based on the day with the greatest intensity of construction activities.

For purposes of this air quality analysis, construction of the project is anticipated to commence in April 2022 and continue over an approximately 11-month period before ending in March 2023. Table 2.3-4 presents the construction phases and estimated durations assumed for purposes of this analysis. Actual construction timing may vary depending on market conditions at the time of construction.



**Table 2.3-4. Anticipated Project Construction Schedule**

Phases	Start (month/date/year)	Finish (month/date/year)	Duration (workdays)
Demolition	4/11/2022	4/15/2022	5
Site Preparation	4/18/2022	4/22/2022	5
Grading	4/25/2022	5/20/2022	20
Building Construction	5/23/2022	2/1/2023	183
Paving	2/2/2023	3/1/2023	20

Construction would require the removal of approximately 20,000 cubic yards of material throughout the demolition, site preparation, and grading phases. Removal of this material would require approximately 42 haul truck round trips per day. Aside from haul truck trips, daily vendor/material delivery truck trips would also occur during each of the construction phases for the project.

As discussed previously, the project would implement **BMP-AQ-1** during construction to minimize construction-related emissions. Measures under **BMP-AQ-1** that would reduce pollutant emissions include watering exposed ground and having off-road equipment meet cleaner engine standards. The modeled peak daily emissions of criteria air pollutants and ozone precursors associated with construction of the project with **BMP-AQ-1** are presented in Table 2.3-5. As shown therein, the maximum level of daily construction emissions generated by the project with implementation of **BMP-AQ-1** would not exceed SCAQMD's daily significance thresholds for any criteria pollutants during any of the construction phases.

**Table 2.3-5. Regional Criteria Pollutant Construction Emissions With BMP-AQ-1**

Construction Phase	Total Regional Pollutant Emissions (pounds per day) <sup>a</sup>					
	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
Demolition	0.66	18.16	11.52	0.09	6.81	1.23
Site Preparation	0.85	17.77	18.55	0.11	7.85	2.01
Grading	0.84	17.00	18.41	0.10	6.04	1.10
Building Construction	1.73	9.12	16.42	0.05	3.56	0.62
Paving	0.46	3.71	13.95	0.03	1.61	0.29
<b>Maximum Daily Emissions</b>	<b>1.73</b>	<b>18.16</b>	<b>18.55</b>	<b>0.11</b>	<b>7.85</b>	<b>2.01</b>
<i>Regional Significance Thresholds</i>	<i>75</i>	<i>100</i>	<i>550</i>	<i>150</i>	<i>150</i>	<i>55</i>
Exceeds Threshold?	No	No	No	No	No	No

Source: Modeling output provided in Appendix A.

<sup>a</sup> Totals may not add exactly due to rounding.

CO=carbon monoxide; NO<sub>x</sub>=nitrous oxides; PM<sub>10</sub>=particulate matter less than 10 microns; PM<sub>2.5</sub>= particulate matter less than 2.5 microns; ROG=reactive organic gases; SO<sub>x</sub>=sulfuric oxides

## Localized Emissions

To assess the potential localized air quality impacts resulting from the project on nearby sensitive receptors during construction, the daily onsite construction emissions generated at the project site were evaluated against SCAQMD's applicable construction LSTs for a 2.3-acre site. The nearest sensitive receptor to the project site is an existing single-family residence east of the project site that

is located approximately 65 feet away. Other single- and multi-family residential uses surrounding the project site are also located at greater distances.

Because the mass rate look-up tables provided by SCAQMD provide only LSTs at receptor distances of 82, 164, 328, 656, and 1,640 feet, the LSTs for a receptor distance of 82 feet were used to evaluate the potential localized air quality impacts associated with the project's peak-day construction emissions.<sup>2</sup> This distance most closely corresponds to the distance from the project site to nearby sensitive receptors in the SCAQMD LST lookup tables.

As discussed previously, the project would implement **BMP-AQ-1** during construction to minimize construction-related emissions. The localized onsite emissions that are estimated to occur during peak construction days during the project's construction schedule with **BMP-AQ-1** are presented in Table 2.3-6. As shown in Table 2.3-6, daily emissions generated onsite by construction of the project would not exceed any of the applicable SCAQMD LSTs for a 2.3-acre site in SRA 1 over the course of the entire construction schedule.

**Table 2.3-6. Localized Criteria Pollutant Construction Emissions With BMP-AQ-1<sup>a</sup>**

Construction Phase	Estimated Maximum Daily On-site Emissions (pounds per day) <sup>b</sup>			
	NO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>
Demolition	4.28	7.20	4.15	0.43
Site Preparation	5.16	14.81	5.46	1.29
Grading	5.06	14.75	3.76	0.42
Building Construction	5.31	11.66	2.17	0.24
Paving	2.60	11.80	1.00	0.12
<b>Maximum Daily Emissions</b>	<b>5.31</b>	<b>14.81</b>	<b>5.46</b>	<b>1.29</b>
<i>Applicable LSTs<sup>a</sup></i>	108	1,048	8	5
Threshold Exceeded?	No	No	No	No

Source: Modeling output provided in Appendix A.

<sup>a</sup> The LSTs for a 2-acre site with a 25-meter receptor distance in SRA 1 (obtained from Appendix C [Localized Significance Threshold Screening Tables] of SCAQMD's *Final Localized Significance Threshold Methodology* document).

CO=carbon monoxide; LST= localized significance threshold; NO<sub>x</sub>=nitrous oxides; PM<sub>10</sub>=particulate matter less than 10 microns; PM<sub>2.5</sub>= particulate matter less than 2.5 microns

## Toxic Air Contaminants

As discussed previously, DPM is classified as a carcinogenic TAC by CARB and is the primary pollutant of concern with regard to health risks to sensitive receptors during project construction. Diesel-powered construction equipment as well as heavy duty truck movement and hauling would emit DPM that could potentially expose nearby sensitive receptors to pollutant concentrations. Construction emissions would be temporary and short-term in nature with a construction duration of approximately 11 months. Project-generated DPM emissions would cease upon completion of construction. With implementation of **BMP-AQ-1**, DPM emissions from off-road equipment would be reduced significantly from the use of Tier 4 Final engines for equipment greater than 50 hp. Overall,

<sup>2</sup> According to SCAQMD's LST methodology, it is recommended that projects with boundaries closer than 82 feet (25 meters) from the nearest receptor use the LSTs for receptors located at 82 feet.

construction would not expose sensitive receptors to substantial concentrations of DPM and the risk of adverse health effects during the construction period would be minimal.

## Odors

During construction of the project, exhaust from equipment, activities associated with the application of architectural coatings and other interior and exterior finishes, and paving activities may produce discernible odors typical of most construction sites. Such odors would be, at worst, a temporary source of nuisance to adjacent uses, if at all, and would not affect a substantial number of people. The project would use architectural coatings compliant with SCAQMD Rule 1113, which would limit the odors associated with off-gassing from those coatings. Odors associated with asphalt paving would only occur for a limited time period for the project and the locations of paving activities would be distributed at the project site. Additionally, material deliveries and heavy-duty haul truck trips could occasionally produce odors from diesel exhaust. These odors would not affect a substantial number of people because construction would be temporary, and construction-generated emissions dissipate rapidly with increasing distance from the source. Overall, odors associated with project construction would be temporary and intermittent in nature, and would not create a significant level of objectionable odors affecting a substantial number of people.

## Project Operations

### Regional Emissions

Implementation of the project would result in long-term regional emissions of criteria air pollutants and ozone precursors associated with energy sources (natural gas consumption), area sources (landscaping activities, re-applications of architectural coatings, and use of consumer products), emergency generator testing, and mobile sources. According to the Transportation Assessment Memorandum prepared for the project, development of the project would result in a total net increase of 514 daily vehicle trips over existing baseline conditions (Fehr & Peers 2021).

Table 2.3-7 presents the daily operational emissions generated by the project. As shown, the project would result in long-term regional emissions of criteria air pollutants and ozone precursors that would be below SCAQMD's applicable thresholds.

**Table 2.3-7. Proposed Project Criteria Pollutant Operational Emissions**

Source	Pollutant Emissions (pounds per day) <sup>a</sup>					
	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
Area Sources	0.45	<0.01	<0.01	<0.01	<0.01	<0.01
Energy Sources	<0.01	0.05	0.04	<0.01	<0.01	<0.01
Mobile Sources	1.47	2.13	14.99	0.04	3.13	0.80
Stationary	0.18	0.58	0.64	<0.01	0.03	0.03
<b>Total Operational Emissions</b>	<b>2.10</b>	<b>2.76</b>	<b>15.67</b>	<b>0.04</b>	<b>3.16</b>	<b>0.83</b>
<i>Regional Significance Thresholds</i>	<i>55</i>	<i>55</i>	<i>550</i>	<i>150</i>	<i>150</i>	<i>55</i>
Threshold Exceeded?	No	No	No	No	No	No

Source: CalEEMod modeling output provided in Appendix A.

<sup>a</sup> Totals may not add exactly due to rounding.

CO=carbon monoxide; NO<sub>x</sub>=nitrous oxides; PM<sub>10</sub>=particulate matter less than 10 microns; PM<sub>2.5</sub>= particulate matter less than 2.5 microns; ROG=reactive organic gases; SO<sub>x</sub>=sulfuric oxides

## Localized Emissions

Similar to the analysis of construction emissions, the daily amount of localized pollutant emissions generated onsite by the project during operations was also assessed for its potential localized air quality impacts on nearby sensitive receptors. The operational emissions that would result from the project were assessed against SCAQMD's applicable operational LSTs for a 2.3-acre site, as explained previously. Table 2.3-8 presents the onsite operational emissions that would result from the project. As shown, the project's operations-related emissions generated onsite would not exceed SCAQMD's applicable operational LSTs.

**Table 2.3-8. Localized Criteria Pollutant Operational Emissions**

Emissions Source	Estimated Maximum Daily Onsite Emissions (pounds per day) <sup>a, b</sup>			
	NO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>
Area	<0.01	<0.01	<0.01	<0.01
Energy	0.05	0.04	<0.01	<0.01
Mobile <sup>a</sup>	0.11	0.75	0.16	0.04
Stationary	0.58	0.64	0.03	0.03
<b>Total Emissions</b>	<b>0.73</b>	<b>1.44</b>	<b>0.19</b>	<b>0.07</b>
<i>Applicable LSTs</i> <sup>c</sup>	<i>108</i>	<i>1,048</i>	<i>2</i>	<i>2</i>
Threshold Exceeded?	No	No	No	No

Source: CalEEMod modeling output provided in Appendix A.

<sup>a</sup> Totals may not add exactly due to rounding.

<sup>b</sup> Localized operational emissions estimates assume all of the Area Sources and Energy Sources of emissions occur onsite and 5 percent of emissions from Mobile Sources occur onsite.

<sup>c</sup> The LSTs for a 2-acre site with a 25-meter receptor distance in SRA 1 (obtained from Appendix C [Localized Significance Threshold Screening Tables] of SCAQMD's *Final Localized Significance Threshold Methodology* document).

CO=carbon monoxide; LST= localized significance threshold; NO<sub>x</sub>=nitrous oxides; PM<sub>10</sub>=particulate matter less than 10 microns; PM<sub>2.5</sub>= particulate matter less than 2.5 microns

## Toxic Air Contaminants

Typical sources of acutely and chronically hazardous TACs include industrial manufacturing processes, automotive repair facilities, and dry-cleaning facilities. As the project consists of a recreation center, the project would not include sources of substantive TAC emissions identified by the SCAQMD or CARB. Project operation would generate minimal amounts of TACs from emergency generator testing, use of consumer products, periodic use of fuel-powered landscaping equipment, and from other activities associated with recreation center uses such as cleaning and reapplication of architectural coatings. However, these emissions are expected to be occasional and result in minimal exposure to offsite sensitive receptors. Thus, operation of the project would not have an adverse health effect on a substantial number of people.

## Odors

According to the SCAQMD *CEQA Air Quality Handbook*, land uses associated with odor complaints typically include agricultural uses, wastewater treatment facilities, food processing plants, chemical

plants, composting areas, refineries, landfills, dairies, and fiberglass molding facilities. The project is a recreations center and would not be associated with any of these land uses. Project operation would also entail the onsite collection of trash from employees and visitors, which may involve odors, but which would be collected regularly such that odors would not affect a substantial number of people. Thus, operation of the project is not expected to result in objectionable odors for the neighboring uses and would not adversely affect a substantial number of people.

### **Carbon Monoxide Hot Spots**

A CO hot spot is a localized concentration of CO that is above the state or national 1-hour or 8-hour ambient air standards for the pollutant. CO hot spots at roadway intersections are typically found in areas with significant traffic congestion. CO is a public health concern because at high enough concentrations, it can cause health problems such as fatigue, headache, confusion, dizziness, and even death. However, it should be noted that ambient concentrations of CO have declined dramatically in California because of existing controls and programs.

Most areas of the state, including the region in which the project is located in, meet the state and federal CO standards (CARB 2004). As part of SCAQMD's 2003 AQMP, which is the most recent AQMP that addresses CO concentrations, a revision to the Federal Attainment Plan for Carbon Monoxide (CO Plan) that was originally approved in 1992 was provided that included a CO hot spots analysis at four specified heavily traveled intersections in Los Angeles at the peak morning and afternoon time periods. These four intersection locations selected for CO modeling are considered to be worst-case intersections that would likely experience the highest CO concentrations. The CO hot spots analysis in the 2003 AQMP did not predict a violation of CO standards at the four intersections. Of these four intersections, the busiest intersection evaluated was that at Wilshire Boulevard and Veteran Avenue, which was described as the most heavily congested intersection in Los Angeles County with an average daily traffic volume of approximately 100,000 vehicles per day. Based on the CO modeling, the 2003 AQMP estimated that the 1-hour and 8-hour concentrations at this intersection was 4.6 ppm and 3.5 ppm, respectively, which would not exceed the most stringent 1-hour CO standard of 20.0 ppm and 8-hour CO standards of 9 ppm. Based on peak hour traffic volumes provided by the project's traffic engineer at the intersections nearest to the project site, it was determined that at buildout (2023) the highest daily traffic volumes generated at an intersection within the vicinity of the project would be an estimated cumulative total of 83,880 vehicles per day at the intersection of Slauson Avenue and Normandie Avenue.<sup>3</sup> Because the daily amount of vehicles at this study intersection would not exceed 100,000 vehicles per day, it can be concluded that the project would not exceed the most stringent 1-hour and 8-hour CO standards and no detailed CO hot spots analysis for the project would be required. Therefore, the project would not result in impacts related to CO hot spots, and would not contribute a significant level of CO such that localized air quality and human health would be substantially degraded.

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<sup>3</sup> Daily intersection volumes were estimated by assuming that vehicle volumes at the PM peak hour would represent 10 percent of total daily volumes.

## **3.1 Existing Setting**

### **3.1.1 Global Climate Change**

The phenomenon known as the greenhouse effect keeps the atmosphere near Earth's surface warm enough for the successful habitation of humans and other life forms. The greenhouse effect is created by sunlight that passes through the atmosphere. Some of the sunlight striking Earth is absorbed and converted to heat, which warms the surface. The surface emits a portion of this heat as infrared radiation, some of which is re-emitted toward the surface by GHGs. Human activities that generate GHGs increase the amount of infrared radiation absorbed by the atmosphere, thus enhancing the greenhouse effect and amplifying the warming of Earth.

Increases in fossil fuel combustion and deforestation have exponentially increased concentrations of GHGs in the atmosphere since the Industrial Revolution (IPCC 2007). Rising atmospheric concentrations of GHGs in excess of natural levels result in increasing global surface temperatures—a phenomenon commonly referred to as global warming. Higher global surface temperatures, in turn, result in changes to Earth's climate system, including increased ocean temperature and acidity, reduced sea ice, variable precipitation, and increased frequency and intensity of extreme weather events (IPCC 2018). Large-scale changes to Earth's system are collectively referred to as climate change.

The Intergovernmental Panel on Climate Change (IPCC) was established by the World Meteorological Organization and United Nations Environment Programme to assess scientific, technical, and socioeconomic information relevant to the understanding of climate change, its potential impacts, and options for adaptation and mitigation. The IPCC estimates that human-induced warming reached approximately 1 degree Celsius (°C) above pre-industrial levels in 2017, increasing at 0.2°C per decade. Under the current nationally determined contributions of mitigation from each country until 2030, global warming is expected to rise to 3°C by 2100, with warming to continue afterwards (IPCC 2018). Large increases in global temperatures could have substantial adverse effects on the natural and human environments worldwide and in California.

### **3.1.2 Principal Greenhouse Gases**

The principle anthropogenic (human-made) GHGs listed by the IPCC that contribute to global warming are carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), and fluorinated compounds, including sulfur hexafluoride (SF<sub>6</sub>), HFCs), and perfluorocarbons (PFCs). Water vapor, the most abundant GHG, is not included in this list because its natural concentrations and fluctuations far outweigh its anthropogenic sources.

The primary GHGs of concern associated with the project are CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O. Principal characteristics of these pollutants are discussed below.

- **Carbon dioxide (CO<sub>2</sub>)** enters the atmosphere through fossil fuels (e.g., oil, natural gas, coal) combustion, solid waste decomposition, plant and animal respiration, and chemical reactions (e.g., manufacture of cement). CO<sub>2</sub> is also removed from the atmosphere (or *sequestered*) when it is absorbed by plants as part of the biological carbon cycle.
- **Methane (CH<sub>4</sub>)** is emitted during the production and transport of coal, natural gas, and oil. Methane emissions also result from livestock and other agricultural practices and from the decay of organic waste in municipal solid waste landfills.
- **Nitrous oxide (N<sub>2</sub>O)** is emitted during agricultural and industrial activities, as well as during combustion of fossil fuels and solid waste.

Methods have been set forth to describe emissions of GHGs in terms of a single gas to simplify reporting and analysis. The most commonly accepted method to compare GHG emissions is the global warming potential (GWP) methodology defined in IPCC reference documents. IPCC defines the GWP of various GHG emissions on a normalized scale that recasts all GHG emissions in terms of carbon dioxide equivalent (CO<sub>2</sub>e), which compares the gas in question to that of the same mass of CO<sub>2</sub> (by definition, CO<sub>2</sub> has a global warming potential of 1). The GWP values used in this report are based on the IPCC Fourth Assessment Report (AR4) and United Nations Framework Convention on Climate Change reporting guidelines (IPCC 2007). The AR4 GWP values are consistent with those used in CARB's most recent GHG inventory and the 2017 Scoping Plan Update.

Table 3.1-1 lists the global warming potential of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O and their lifetimes in the atmosphere.

**Table 3.1-1. Lifetimes and Global Warming Potentials of Key Greenhouse Gases**

Greenhouse Gas	Global Warming Potential (100 years)	Lifetime(years) <sup>a</sup>
CO <sub>2</sub>	1	50–200
CH <sub>4</sub>	25	9–15
N <sub>2</sub> O	298	121

Source: CARB 2021a, IPCC 2001.

<sup>a</sup> Defined as the half-life of the gas.

CH<sub>4</sub>=methane; CO<sub>2</sub>=carbon dioxide; N<sub>2</sub>O=nitrous oxide

GHGs are global pollutants, unlike criteria air pollutants and TACs. Criteria air pollutants and TACs occur locally or regionally, and local concentrations respond to locally implemented control measures. However, the long atmospheric lifetimes of GHGs allow them to be transported great distances from sources and become well mixed, unlike criteria air pollutants, which typically exhibit strong concentration gradients away from point sources. GHGs and global climate change represent cumulative impacts; that is, GHG emissions contribute, on a cumulative basis, to the significant adverse environmental impacts of global climate change.

### 3.1.3 Statewide Greenhouse Gas Emissions Trends

A GHG inventory is a quantification of all GHG emissions and sinks<sup>4</sup> within a selected physical and/or economic boundary. GHG inventories can be performed on a large scale (e.g., for global and

<sup>4</sup> A *GHG sink* is a process, activity, or mechanism that removes a GHG from the atmosphere.

national entities) or on a small scale (e.g., for a building or person). Although many processes are difficult to evaluate, several agencies have developed tools to quantify emissions from certain sources.

CARB has prepared a statewide emissions inventory covering 2000 to 2018. In 2018, GHG emissions within California totaled approximately 425 million metric tons of CO<sub>2</sub>e (CARB 2020c). Within California, the transportation sector is the largest contributor, accounting for approximately 41 percent of the total state-wide GHG emissions. The industrial sector is the second largest contributor to GHG emissions in California, with 24 percent. Since the peak level in 2004, California's GHG emissions have generally followed a decreasing trend. The largest reductions in GHG emissions have come from the electricity sector, which continues to decrease as a result of the state's climate policies that has led to a growth in wind generation and solar power. Table 3.1-2 shows statewide GHG emission estimates from 2007 to 2018 in California. Note that the 2020 target (1990 levels) is 426.6 million metric tons of CO<sub>2</sub>e (MMT<sub>CO<sub>2</sub>e</sub>) whereas the 2030 target (40 percent below 1990 levels) is currently set at 260 MMT<sub>CO<sub>2</sub>e</sub>.

**Table 3.1-2. California Greenhouse Gas Emissions Inventory 2007–2018**

Sector	Annual CO <sub>2</sub> e Emissions (million metric tons) <sup>a</sup>											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Transportation	186	175	168	165	162	161	161	163	166	170	171	170
Industrial	90	90	87	91	89	89	92	92	90	89	89	89
Electric Power	114	120	101	90	89	98	91	89	85	69	62	63
Commercial/Residential	44	44	45	46	46	44	44	38	39	41	41	41
Agriculture	35	35	33	34	34	36	34	35	33	33	32	33
High GWP	11	12	12	14	15	16	17	18	19	19	20	21
Recycling and Waste	8	8	9	9	9	9	9	9	9	9	9	9
<b>Emissions Total</b>	<b>488</b>	<b>484</b>	<b>455</b>	<b>448</b>	<b>444</b>	<b>452</b>	<b>448</b>	<b>443</b>	<b>441</b>	<b>429</b>	<b>424</b>	<b>425</b>

Source: CARB 2020b.

<sup>a</sup> Totals may not add exactly due to rounding.

GWP=global warming potential

## 3.2 Regulatory Framework

### 3.2.1 Federal

Historically, GHGs were not directly regulated under the FCAA. However, the 2007 ruling by the Supreme Court of the United States in *Massachusetts v. EPA* found that USEPA may regulate GHGs if they are determined to be a danger to human health. In response, President George W. Bush ordered USEPA to use its existing authority under the FCAA to regulate GHGs from mobile sources.

USEPA issued its so-called Endangerment Finding in December 2009, which found that six GHGs do threaten the health and welfare of current and future generations. For mobile sources, the Endangerment Finding led to development of the Light-Duty Vehicle Greenhouse Gas Emission Standards and Corporate Average Fuel Economy Standards Rule (LDV Rule) by USEPA and the



National Highway Traffic Safety Administration in May 2010. The LDV rule first applied to model years 2012–2017 but was later extended to the 2025 model year. It requires light-duty vehicles to comply with progressively more stringent GHG emission standards for the 2012–2025 model years. For stationary sources, the Endangerment Finding led to the so-called Tailoring Rule in May 2010, which tailored permit trigger levels to the largest sources.

USEPA phased in GHG permitting requirements for stationary sources for the period from 2010 to 2014. However, the Supreme Court of the United States decision on June 23, 2014, in *Utility Air Regulatory Group v. EPA*, limited the applicability of GHG requirements to large sources that are already subject to major-source permitting under the FCAA because of other pollutants. USEPA also developed New Source Performance Standards, which cover GHGs associated with power plants and certain oil and gas sources. In addition, the agency maintains an annual GHG reporting program that covers multiple industrial sectors. However, none of the current FCAA requirements for GHGs are expected to directly affect the proposed project.

USEPA adopted a Mandatory Reporting Rule and Clean Power Plan, which issued regulations to control CO<sub>2</sub> emissions from new and existing coal-fired power plants. However, on February 9, 2016, the Supreme Court issued a stay for these regulations pending litigation. Former USEPA Administrator Scott Pruitt also signed a measure to repeal the Clean Power Plan in October 2017. Therefore, there is currently no overarching federal law related specifically to climate change or a reduction in GHG emissions.

## 3.2.2 State

California has adopted statewide legislation addressing various aspects of climate change, GHG mitigation, and energy efficiency. Much of this establishes a broad framework for the state's long-term GHG and energy reduction goals and climate change adaptation program. The former and current governor(s) of California have also issued several Executive Orders (EOs) related to the state's evolving climate change policy. Summaries of key policies, EOs, regulations, and legislation at the state level that are relevant to the project are provided below in chronological order.

## 3.2.3 Assembly Bill 1493—Pavley Rules (2002, amendments 2009)/Advanced Clean Cars (2011)

Known as Pavley I, AB 1493 provided the nation's first GHG standards for automobiles. AB 1493 required CARB to adopt vehicle standards that will lower GHG emissions from new light-duty autos to the maximum extent feasible beginning in 2009. Additional strengthening of the Pavley standards (referred to previously as *Pavley II* and now referred to as the *Advanced Clean Cars* [ACC] measure) was adopted for vehicle model years 2017–2025 in 2012. Together, the two standards are expected to increase average fuel economy to roughly 54.5 miles per gallon in 2025.

### **3.2.4 Senate Bills 1078/107/X 1-2—Renewables Portfolio Standard and Renewable Energy Resources Act (2002, 2006, 2011)**

SBs 1078 and 107, California's Renewables Portfolio Standard (RPS), obligated investor-owned utilities, energy service providers, and Community Choice Aggregations to procure an additional 1 percent of retail sales per year from eligible renewable sources until 20 percent is reached by 2010. The California Public Utilities Commission and California Energy Commission (CEC) are jointly responsible for implementing the program. SB X 1-2, called the California Renewable Energy Resources Act, obligates all California electricity providers to obtain at least 33 percent of their energy from renewable resources by 2020. As noted below, SB 350 increased the RPS to 50 percent for 2030, and SB100 increased the RPS to 100 percent by 2045.

### **3.2.5 Executive Order S-03-05 (2005)**

EO S-3-05 stated that California is vulnerable to the effects of climate change. To combat this concern, the order established the following GHG emissions reduction targets:

- By 2010, reduce GHG emissions to 2000 levels.
- By 2020, reduce GHG emissions to 1990 levels.
- By 2050, reduce GHG emissions to 80 percent below 1990 levels.

Executive orders are legally binding only on state agencies. Accordingly, EO S-3-05 guides state agencies' efforts to control and regulate GHG emissions but has no direct, binding effect on local government or private actions. The secretary of the California Environmental Protection Agency is required to report to the governor and state legislature biannually regarding the impacts of global warming on California, mitigation and adaptation plans, and progress made toward reducing GHG emissions and meeting the targets established in EO S-3-05.

### **3.2.6 Assembly Bill 32—California Global Warming Solutions Act (2006)**

AB 32 codified the state's GHG emissions target by requiring California's global warming emissions to be reduced to 1990 levels by 2020. Since being adopted, CARB, CEC, the California Public Utilities Commission, and the California Building Standards Commission have been developing regulations that will help the state meet the goals of AB 32 and EO S-03-05. The scoping plan for AB 32 identifies specific measures to reduce GHG emissions to 1990 levels by 2020 and requires CARB and other state agencies to develop and enforce regulations and other initiatives to reduce GHG emissions. The AB 32 Scoping Plan, first adopted in 2008, comprises the state's roadmap for meeting AB 32's reduction target. Specifically, the scoping plan articulates a key role for local governments by recommending that they establish GHG emissions-reduction goals for both their municipal operations and the community that are consistent with those of the state (i.e., approximately 15 percent below 2005 levels by 2020) (CARB 2008).

CARB re-evaluated its emissions forecast in light of the economic downturn since 2008 and updated the projected 2020 emissions to 545 MMTCO<sub>2e</sub>. Two reduction measures (Pavley I and RPS [12–20 percent]) that were not previously included in the 2008 scoping plan baseline were incorporated into the updated baseline, further reducing the 2020 statewide emissions projection to 507 MMTCO<sub>2e</sub>. The updated forecast of 507 MMTCO<sub>2e</sub> is referred to as the AB 32 2020 baseline. An estimated reduction of 80 MMTCO<sub>2e</sub> is necessary to lower statewide emissions to the AB 32 target of 427 million MTCO<sub>2e</sub> by 2020 (CARB 2014).

CARB approved the *First Update to the Scoping Plan* (First Update) on May 22, 2014 (CARB 2014). The First Update includes both a 2020 element and a post-2020 element. The 2020 element focuses on the state, regional, and local initiatives that are being implemented now to help the state meet the 2020 goal.

On December 14, 2017, CARB approved the *2017 Climate Change Scoping Plan Update* (referred to as 2017 Scoping Plan herein), which is the proposed strategy for achieving California’s 2030 GHG emissions target. In addition to building on established programs, such as cap-and-trade regulation, and the low-carbon fuel standard (LCFS), the update addresses, for the first time, GHG emissions related to agriculture and forestry in California (CARB 2017).

### **3.2.7 Executive Order S-01-07—Low Carbon Fuel Standard (2007)**

EO S-01-07, the LCFS, mandates (1) that a statewide goal be established to reduce the carbon intensity of California’s transportation fuels by at least 10 percent by 2020, with a reduction in the carbon content of fuel by a quarter of a percent starting in 2011, and (2) that a low carbon fuel standard for transportation fuels be established in California. CARB approved the LCFS on April 23, 2009, and the regulation became effective on January 12, 2010. The U.S. District Court for the Eastern District of California ruled in December 2011 that the LCFS violates the Commerce Clause of the U.S. Constitution. CARB appealed this ruling in 2012, and on September 18, 2013, the United States Court of Appeals for the Ninth Circuit upheld the LCFS, ruling that the program does not violate the Commerce Clause and remanded the case to the Eastern District. In September 2018, the LCFS regulation was amended to increase the statewide goal to a 20-percent reduction in carbon intensity of California’s transportation fuels by at least by 2030.

### **3.2.8 Senate Bill 375 (2008)**

SB 375, signed into law by Governor Schwarzenegger on September 30, 2008, became effective January 1, 2009. This law requires the state’s 18 Metropolitan Planning Organizations to develop the SCS as part of their RTPs through integrated land use and transportation planning, and to demonstrate an ability to attain the GHG emissions reduction targets that the CARB established for the region by 2020 and 2035. This would be accomplished through either the financially constrained SCS as part of the RTP or an unconstrained alternative planning strategy. If regions develop integrated land use, housing, and transportation plans that meet the SB 375 targets, new projects in these regions can be relieved of certain CEQA review requirements.

### **3.2.9 Assembly Bill 341 (2011)**

In 2011, AB 341 modified the California Integrated Waste Management Act and directed CalRecycle to develop and adopt regulations for mandatory commercial recycling. The resulting Mandatory Commercial Recycling Regulation (2012) requires that on and after July 1, 2012, certain businesses that generate 4 cubic yards or more of commercial solid waste per week or is a multifamily residential dwelling of five units or more must arrange recycling services. To comply with this requirement, businesses may either separate recyclables and self-haul them or subscribe to a recycling service that includes mixed waste processing. AB 341 also established a statewide recycling goal of 75 percent by 2020.

### **3.2.10 Senate Bill 1383 (2013)**

SB 1383, adopted in 2013, requires CARB to develop and implement a Short-Lived Climate Pollutant (SLCP) Strategy with the following 2030 goals: 40 percent reduction in methane; 40 percent reduction in hydrofluorocarbon (HFC) gases; and 50 percent reduction in anthropogenic black carbon. Per its directive, CARB adopted the SLCP Strategy, establishing a path to decrease SLCPs from various sectors of the economy. Strategies span from wastewater and landfill practices and methane recovery to reducing natural gas leaks and consumption. The SLCP strategy also identifies measures that can reduce HFC emissions through incentive programs and limitations on the use of high-GWP refrigerants in new refrigeration and air-conditioning equipment.

### **3.2.11 Executive Order B-30-15 (2015)**

Governor Jerry Brown signed EO B-30-15 on April 29, 2015. EO B-30-15 established a medium-term goal for 2030 of reducing GHG emissions by 40 percent below 1990 levels and requires the CARB to update its current AB 32 Scoping Plan to identify measures to meet the 2030 target. The EO B-30-15 supports EO S-3-05, but is only binding on state agencies.

### **3.2.12 Senate Bill 350 (2015)**

SB 350 (De León, also known as the Clean Energy and Pollution Reduction Act of 2015) was approved by the California legislature in September 2015 and signed by Governor Brown in October 2015. Its key provisions are to require the following by 2030: (1) an RPS of 50 percent and (2) a doubling of efficiency for existing buildings.

### **3.2.13 Senate Bill 32, California Global Warming Solutions Act of 2006: Emissions Limit, and Assembly Bill 197, State Air Resources Board, Greenhouse Gases, Regulations (2016)**

SB 32 (Pavley) bill requires CARB to ensure that statewide GHG emissions are reduced to at least 40 percent below the 1990 level by 2030, consistent with the target set forth in EO B-30-15. The bill specifies that SB 32 shall become operative only if AB 197 (Garcia) is enacted and becomes effective on or before January 1, 2017. AB 197 creates requirements to form the Joint Legislative Committee on Climate Change Policies; requires CARB to prioritize direct emission reductions from stationary

sources, mobile sources, and other sources and consider social costs when adopting regulations to reduce GHG emissions beyond the 2020 statewide limit; requires CARB to prepare reports on sources of GHGs, criteria air pollutants, and toxic air contaminants; establishes 6-year terms for voting members of CARB; and adds two legislators as non-voting members of CARB. Both bills were signed by Governor Brown in September 2016.

CARB approved the 2017 Scoping Plan Update in December 2017, which builds on the programs set in place as part of the previous Scoping Plan that was drafted to meet the 2020 reduction targets per AB 32. The 2017 Scoping Plan Update proposes meeting the 2030 goal by accelerating the focus on zero and near-zero technologies for moving freight, continued investment in renewables, greater use of low-carbon fuels including electricity and hydrogen, stronger efforts to reduce emissions of short-lived climate pollutants (e.g., CH<sub>4</sub>, black carbon, fluorinated gases), further efforts to create walkable communities with expanded mass transit and other alternatives to traveling by car, continuing the cap-and-trade program, and ensuring that natural lands become carbon sinks to provide additional emissions reductions and flexibility in meeting the target. The Scoping Plan Update also recommends that local governments aim to achieve community-wide efficiency of 6 MTCO<sub>2e</sub> per capita by 2030 and 2 MTCO<sub>2e</sub> per capita by 2050 to be used in local climate action planning. These efficiency targets would replace the “15 percent from 2008 levels by 2020” approach recommended in the initial Scoping Plan, which would allow for local governments to grow in a sustainable manner (CARB 2016).

### **3.2.14 Senate Bill 100 (2018)**

SB 100 (De León, also known as the “California Renewables Portfolio Standard Program: emissions of greenhouse gases”) was approved by the California legislature and signed by Governor Brown in September 2018. The bill increases RPS in 2030 from 50 percent to 60 percent and establishes a goal of 100 percent RPS by 2045. SB 100 is a legislative action that was signed into law after the 2017 Scoping Plan was adopted. The Scoping Plan modeling is based on the SB 350 target of 50 percent renewables by 2030. However, the new SB 100 target of 60 percent renewables by 2030 and 100 percent renewables by 2045 supersede the goals of SB 350 and will be included in future Scoping Plan updates.

### **3.2.15 Executive Order B-55-18 (2018)**

EO B-55-18 was approved by the California legislature and signed by Governor Brown in September 2018. EO B-55-18 acknowledges the environmental, community, and public health risks posed by future climate change. It further recognizes the climate stabilization goal adopted by 194 states and the European Union under the Paris Agreement. Although the United States was not party to the agreement, California is committed to meeting the Paris Agreement goals and going beyond them wherever possible. Based on the worldwide scientific agreement that carbon neutrality must be achieved by midcentury, EO B-55-18 establishes a new state goal to achieve carbon neutrality as soon as possible, and no later than 2045, and to achieve and maintain net negative emissions thereafter. The EO charges the CARB with developing a framework for implementing and tracking progress toward these goals. This EO extends EO S-3-05, but is only binding on state agencies. However, given this directive, it is likely that the carbon neutral goal by 2045 will make its way into future updates to the Scoping Plan, which must be updated every 5 years.

### 3.2.16 Green Building Code and Title 24 Updates

The California Green Building Standards (CALGreen) Code (proposed Part 11, Title 24) was adopted as part of the California Building Standards Code (24 CCR). Part 11 established voluntary standards that became mandatory under the 2010 edition of the code. These involved sustainable site development, energy efficiency (in excess of CEC requirements), water conservation, material conservation, and internal air contaminants. The current energy efficiency standards were adopted in 2018 and took effect on January 1, 2020. The CEC is responsible for adopting, implementing, and updating the standards every three years.

### 3.2.17 Regional

### 3.2.18 South Coast Air Quality Management District

As discussed previously in Chapter 2.2, *Regulatory Framework*, of this report, the SCAQMD has primary responsibility for development and implementation of rules and regulations to attain NAAQS and CAAQS as well as permitting new or modified sources, developing air quality management plans, and adopting and enforcing air pollution regulations within the Basin. CARB's Scoping Plans do not provide an explicit role for local air districts with respect to implementing the reduction goals of SB 32 and AB 32, but CARB does state that they will work actively with air districts in coordinating emissions reporting, encouraging, and coordinating GHG reductions, and providing technical assistance in quantifying reductions. The ability of air districts to control emissions (both criteria pollutants and GHGs) is provided primarily through permitting but also through their role as a CEQA lead or commenting agency, the establishment of CEQA thresholds, and the development of analytical requirements for CEQA documents.

On December 5, 2008, SCAQMD Governing Board considered draft GHG guidance, and adopted a staff proposal for an interim GHG significance threshold of 10,000 MTCO<sub>2e</sub> per year for industrial permitting projects where SCAQMD is the lead agency. The board letter, resolution, interim GHG significance threshold, draft guidance document, and attachments can be found under Board Agenda Item 31 of the December 5, 2008, Governing Board Meeting Agenda (SCAQMD 2008b). In its draft guidance document, SCAQMD included evidence and rationale for developing thresholds, specifically citing CEQA Guidelines Section 15064.7(a) (*"each public agency is encouraged to develop and publish thresholds of significance that the agency uses in the determination of the significance of environmental effects"*) and Subsection (b) (*"Thresholds of significance to be adopted for general use as part of the lead agency's environmental review process must be adopted by ordinance, resolution, rule or regulation, and developed through a public review process and be supported by substantial evidence"*). SCAQMD developed thresholds for both stationary sources as well as for land use development projects. SCAQMD's recommended GHG significance threshold underwent a public review process as part of stakeholder working group meetings that were open to the public. The draft guidance document provides the supporting analysis and methodology for developing the GHG significance thresholds for both stationary sources as well as for land use development projects. After completion of the public process, the proposed interim thresholds for land use development projects were brought to the SCAQMD's Governing Board but were not formally adopted, whereas the threshold involving industrial permitting projects where SCAQMD is lead agency was adopted.

For industrial process, the SCAQMD has formally adopted a 10,000 MTCO<sub>2e</sub> threshold for industrial (permitted) facilities where SCAQMD is the lead agency. This industrial source threshold is not appropriate for use on residential, commercial, or mixed-use projects such as the project, since it is not associated with industrial processes.

SCAQMD noted that the proposed interim GHG significance thresholds for evaluation of land use development projects was only a recommendation for lead agencies and not a mandatory requirement. The GHG significance threshold may be used at the discretion of the local lead agency. The draft GHG guidance identified a tiered approach for determining the significance of GHG emissions, one of which included the use of numerical screening thresholds. With respect to numerical GHG significance thresholds, the SCAQMD proposed two different approaches to be taken by lead agencies when analyzing GHG emissions:

- **Option #1** includes using separate numerical thresholds for residential projects (3,500 MTCO<sub>2e</sub>/year), commercial projects (1,400 MTCO<sub>2e</sub>/year), and mixed-use projects (3,000 MTCO<sub>2e</sub>/year).
- **Option #2** is use of a single numerical threshold for all non-industrial projects of 3,000 MTCO<sub>2e</sub>/year. SCAQMD's most recent recommendation per its September 2010 meeting minutes is to use option #2.

However, these numerical thresholds have not been adopted by SCAQMD.

### **3.2.19 Southern California Association of Governments (SCAG) 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy**

SCAG is the Metropolitan Planning Organization (MPO) for the six-county region that includes Los Angeles, Orange, Riverside, Ventura, San Bernardino, and Imperial counties. The 2020–2045 RTP/SCS includes commitments to reduce emissions from transportation sources to comply with SB 375, AB 32, and SB 32. Goals and policies included in the 2020–2045 RTP/SCS to reduce GHG emissions consist of adding density in proximity to transit stations, mixed-use development and encouraging active transportation (i.e., non-motorized transportation such as bicycling).

SB 375 requires CARB to develop regional CO<sub>2</sub> emission reduction targets, compared to 2005 emissions, for cars and light trucks only for 2020 and 2035 for each MPO. SB 375 also requires that each MPO prepare an SCS as part of the RTP to reduce CO<sub>2</sub> by better aligning transportation, land use, and housing. For SCAG, the SCS targets require SCAG to reduce per capita emissions eight percent below 2005 levels by 2020 and 19 percent below 2005 levels by 2035 (SCAG 2020a). The 2020–2045 RTP/SCS states that the region will meet the SB 375 per capita targets.

### **3.2.20 Local**

### **3.2.21 Sustainable City pLAN**

Under Mayor Eric Garcetti, the City of Los Angeles released its first-ever Sustainable City pLAN (pLAN) on April 8, 2015 (City of Los Angeles 2015). Recognizing the risks posed by climate change,

the pLAn set time-bound outcomes on climate action, most notably to reduce GHG emissions by 45 percent by 2025, 60 percent by 2035, and 80 percent by 2050, all against a 1990 baseline. Through the completion and verification of the GHG inventory update, the City concluded that:

- The City accounted for approximately 36.2 MMTCO<sub>2e</sub> in 1990.
- The City's most recent inventory shows that emissions fell to 29 MMTCO<sub>2e</sub> in 2013.
- Los Angeles' emissions are 20 percent below the 1990 baseline as of 2013, putting Los Angeles nearly halfway to the 2025 pLAn reduction target of 45 percent.

In addition, the 20 percent reduction exceeds the 15 percent statewide goal listed in the First Update to the AB 32 Scoping Plan.

On April 29, 2019, Mayor Garcetti released the Los Angeles' Green New Deal, which is the first four-year update to the 2015 pLAn (the Sustainable City pLAn, as updated by Los Angeles' Green New Deal, is referred to herein as the 2019 updates to the pLAn). This updated plan augments, expands, and elaborates in even more detail the City's vision for a sustainable future and assigns accelerated GHG emission reduction targets and new aggressive goals to place the City on the path to a zero carbon future by 2050. The 2019 updates to the pLAn accelerate the following targets (City of Los Angeles 2019). The Los Angeles Department of Water and Power (LADWP) will:

- Supply 55 percent renewable energy by 2025, 80 percent by 2036, and 100 percent by 2045.
- Source 70 percent of the City's water locally by 2035 and capture 150,000 acre feet/year (AFY) of stormwater by 2035.
- Reduce building energy use per square feet for all types of buildings 22 percent by 2025, 34 percent by 2035, and 44 percent by 2050.
- Reduce vehicle miles traveled (VMT) per capita by at least 13 percent by 2025, 39 percent by 2035, and 45 percent by 2050.
- Ensure 57 percent of new housing units are built within 1,500 feet of transit by 2025, and 75 percent by 2035.
- Increase the percentage of zero emission vehicles in the City to 25 percent by 2025, 80 percent by 2035, and 100 percent by 2050.
- Create 300,000 green jobs by 2035, and 400,000 by 2050.
- Convert all City fleet vehicles to zero emission where technically feasible by 2028.
- Reduce municipal GHG emissions 55 percent by 2025 and 65 percent by 2035 from 2008 baseline levels, reaching carbon neutral by 2045.

Overall, the updated plan calls for reducing GHGs to 50 percent below 1990 levels by 2025 and 73 percent below 1990 levels by 2035 and becoming carbon neutral by 2050. By following the 2019 updates to the Sustainable City pLAn, the City is expected to reduce an additional 30 percent in GHG emissions above and beyond the 2015 pLAn.



### 3.2.22 City of Los Angeles Green Building Code

In April 2008, the City of Los Angeles adopted the Green Building Program Ordinance to address the impact on climate change from new development. In 2011, 2014, and 2016, Chapter IX, Article 9, of the Los Angeles Municipal Code (LAMC), referred to as the Los Angeles Green Building Code, was amended to incorporate various provisions of the CALGreen Code. The Los Angeles Green Building Code includes mandatory requirements and elective measures for three categories of buildings: (1) low-rise residential buildings, (2) non-residential and high-rise residential buildings, and (3) additions and alterations to residential and non-residential buildings.

## 3.3 Greenhouse Gases and Climate Change Impacts and Mitigation Measures

### 3.3.1 Methodology

Project-related activities would result in short-term and long-term generation of GHG emissions during construction and operation. The GHGs that were quantitatively estimated for the project include CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O. Emissions of CO<sub>2</sub>e were then calculated using the GWP of each of these pollutants based on IPCC AR4. The GHG emissions from the project were quantified using the same methods described above for estimating criteria pollutants.

### 3.3.2 Short-term Construction-Generated Emissions

During project construction, GHG emissions would be generated directly by off-road, heavy-duty construction equipment at the project site and worker, vendor, and haul truck vehicle trips traveling to and from the project site, as well as indirectly from water consumption for dust control. As was conducted for the criteria pollutant analysis, the project's construction-related GHG emissions resulting from off-road equipment and on-road vehicles have been estimated using a combination of emission factors and methodologies from CalEEMod, version 2016.3.2, and CARB's EMFAC2021 model, and based on project-specific construction data (e.g., schedule, equipment, truck volumes) provided by BOE, where available. Where project-specific information was not available, reasonable assumptions based on other similar projects and default model settings were used to estimate GHG emissions. In addition, indirect GHG emissions from water consumption for dust control were included in the analysis. Indirect GHG emissions would result from electricity consumption required to supply, distribute, and treat water. The modeling output files are provided in Appendix A of this report.

Based on SCAQMD's 2008 *Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold* document, SCAQMD recommends that for construction GHG emissions the total emissions for a project be amortized over a 30-year period and added to its operational emission estimates (SCAQMD 2008c). Thus, in accordance with SCAQMD's recommendation, the project's construction GHG emissions have been amortized over a 30-year lifetime of the project (i.e., total construction GHG emissions were divided by 30) and the resulting annual emissions were added to the project's estimated annual operational GHG emissions.

### 3.3.3 Long-term Operational Emissions

The project's operational GHG emissions, including GHGs generated by direct and indirect sources, have been estimated according to the recommended methodologies from SCAQMD. Direct sources include emissions such as vehicle trips, natural gas consumption, emergency generator testing, and landscape maintenance. Indirect sources include offsite emissions occurring as a result of the project's operations such as electricity, water consumption, and solid waste disposal. As was conducted for the criteria pollutant analysis, the direct and indirect GHG emissions generated during the project's operations were estimated using CalEEMod. Modeling is based on project-specific data (e.g., size and type of proposed uses) and design features. The GHG emission calculations for the project also include credits or reductions for GHG-reducing measures that are required by regulation, such as reductions in energy and water demand from the City's Green Building Code, which incorporates by reference the CALGreen Code. The solid waste GHG emissions associated with the project also accounts for the most recent solid waste diversion rate achieved by the City that has been reported, which was approximately 76 percent in 2012 (City of Los Angeles 2013).

Similar to the criteria pollutant analysis, the modeling of mass mobile-source emissions was estimated based on vehicle fleet emission factors generated from EMFAC2021 and daily trips provided in the Transportation Assessment Memorandum for the project (Fehr & Peers 2021). The mobile source emissions modeling takes into account trip reductions from nearby access to public transportation.

### Consistency with Greenhouse Gas Reduction Plan, Policies, and Actions

The project's GHG emissions are also evaluated by assessing the project's consistency with applicable GHG reduction strategies and local actions adopted by the City. As discussed further below, the City has established goals and actions to reduce the generation and emission of GHGs from both public and private activities in the Sustainable City pLAn.

In the 2010 CEQA Guidelines amendments, lead agencies were encouraged to tier from programmatic mitigation plans and programs when they perform individual project analyses. The City currently does not have a programmatic mitigation plan to tier from, such as a GHG reduction plan, as recommended in the relevant amendments to the CEQA Guidelines. However, the Mayor's office has released the Sustainable City pLAn, and the City has adopted the Los Angeles Green Building Code, which encourage and require applicable projects to implement energy efficiency measures. In addition, project consistency with state and regional regulatory plans and policies to reduce GHG emissions are analyzed herein, including CARB's 2017 Scoping Plan and SCAG's 2020–2045 RTP/SCS.

### 3.3.4 Thresholds of Significance

#### Available Thresholds

The CEQA Guidelines do not provide numeric or qualitative thresholds of significance for evaluating GHG emissions. Instead, they leave the determination of the significance of GHG emissions up to the lead agency and authorize the lead agency to consider thresholds of significance previously adopted

or recommended by other public agencies or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence (CEQA Guidelines §§ 15064.7[b] and 15064.7[c]). Additionally, any public agency may also use an environmental standard as a threshold of significance, as it would promote consistency in significance determination and integrates environmental review with other environmental program planning and regulations (CEQA Guidelines § 15064.7[d]).

As discussed under Section 3.2, *Regulatory Framework*, AB 32 establishes the requirement for reducing statewide GHGs to 1990 emissions levels by 2020. A number of air quality management agencies throughout the state have drafted or adopted various threshold approaches and guidelines for analyzing 2020 operational GHG emissions in CEQA documents. The different thresholds include (1) compliance with a qualified GHG reduction strategy, (2) performance-based reductions, (3) numeric “bright-line” thresholds, (4) efficiency-based thresholds, and (5) compliance with regulatory programs. The California Supreme Court’s *Newhall Ranch* decision confirmed that, when an agency chooses to rely completely on a single quantitative method to justify a no-significance finding, “CEQA demands the agency research and document the quantitative parameters essential to that method” (*Center for Biological Diversity v. Department of Fish and Wildlife* [2015] Cal.App.4<sup>th</sup>). The *Golden Door* case reinforced the message from the *Newhall Ranch* decision that analyses need to provide substantial evidence to support significance thresholds selected for use in the CEQA analysis (*Golden Door Properties v. County of San Diego* [2018] 27 Cal.App.5<sup>th</sup> 892.). Further, the appellate court ruling in *City of Long Beach v. City of Los Angeles* held that a qualitative analysis of consistency with state GHG reductions plans is adequate and projects that generate a significant amount of GHG emissions may still be consistent with state and local GHG reduction plans (*City of Long Beach v. City of Los Angeles* [2018] 19 Cal.App.5<sup>th</sup> 465). A qualitative analysis is also supported by the CEQA Guidelines and the SB 97 Final Statement of Reasons.<sup>5</sup>

The City has not adopted a threshold with supporting analysis setting forth approaches and guidelines for analyzing GHG emissions and climate change in CEQA documents. Additionally, although the City prepared the Sustainable City pLAN in 2015, followed by the update in 2019, these plans do not adopt thresholds of significance and otherwise do not meet the criteria established under CEQA Guidelines Section 15183.5(b) to be considered as qualified GHG reduction plans.

The SCAQMD has yet to adopt a GHG significance threshold for land use development projects (e.g., residential/commercial projects) but did form a GHG significance threshold working group to further evaluate potential GHG significance thresholds (SCAQMD 2008d). In October 2008, SCAQMD released a draft guidance document regarding interim CEQA GHG significance thresholds (SCAQMD 2008c). Within its October 2008 document, the SCAQMD proposed interim CEQA GHG indicators of significance using a tiered approach. Under Tier 1, projects that are exempt from CEQA would be less than significant. Under Tier 2, projects that are consistent with an adopted GHG reduction plan would be less than significant. Under Tier 3, all non-industrial land use projects, including mixed-use projects that emit 3,000 MTCO<sub>2e</sub> per year or less would be less than significant (SCAQMD 2008c). Tier 4 uses performance standards that require projects to demonstrate that they meet a percent

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<sup>5</sup> See CEQA Guidelines Sections 15064.4; 15064.7; California Natural Resources Agency, Final Statement of Reasons for Regulatory Action, Amendments to the State CEQA Guidelines Addressing Analysis and Mitigation of Greenhouse Gas Emissions Pursuant to SB 97, December 2009. Available: [http://resources.ca.gov/ceqa/docs/Final\\_Statement\\_of\\_Reasons.pdf](http://resources.ca.gov/ceqa/docs/Final_Statement_of_Reasons.pdf). Accessed: September 4, 2019.

emission reduction target below business as usual to determine significance for commercial/residential projects that emit more than 3,000 MTCO<sub>2e</sub> per year (SCAQMD 2008c).

In November 2009, the working group proposed an additional Tier 4 standard that uses performance standards, including a requirement for projects to demonstrate that they meet a service population metric to determine significance for commercial/residential projects that emit more than 3,000 MTCO<sub>2e</sub> per year (SCAQMD 2009)<sup>6</sup>. The working group proposed a project-level target of 4.6 MTCO<sub>2e</sub> per service population, based on calculations performed by the Bay Area Air Quality Management District (BAAQMD 2009). On December 5, 2008, the SCAQMD Governing Board adopted a staff proposal for an interim GHG significance threshold of 10,000 MTCO<sub>2e</sub> for stationary source/industrial projects when the SCAQMD is lead agency (SCAQMD 2008b). In the September 2010 presentation by the working group, the Tier 4 performance standard of a percent emission reduction target below business as usual referred to an approach used by the San Joaquin Valley Air Pollution Control District that uses a comparison of a development's GHG emissions to a business-as-usual scenario (SCAQMD 2010; SJVAPCD 2009).

The working group did not recommend a specific numeric reduction target in the September 2010 presentation (SCAQMD 2010). In addition, in September 2010, the working group recalculated the target as 4.8 MTCO<sub>2e</sub> per service population by dividing the 2020 statewide GHG reduction target for the land use sector by the sum of total statewide population and land use sector employment, as explained in the September 28, 2010, minutes to Stakeholder Working Group #15 (the prior 4.6 MTCO<sub>2e</sub> per service population target was calculated by the Bay Area Air Quality Management District by dividing the 2020 statewide GHG reduction target for the land use sector by the sum of the total statewide population and total statewide employment) (SCAQMD 2010). The aforementioned working group has been inactive since 2011, and the SCAQMD has not formally adopted any GHG significance threshold for land use development projects. It should be noted that the SCAQMD interim thresholds were developed in conjunction with AB 32 and do not address post-2020 GHG reduction goals.

## Threshold Approach

In the absence of quantitative GHG thresholds and/or a qualified GHG reduction plan for use by a project to tier or streamline its environmental analysis, CEQA provides that a lead agency could rely on regulatory compliance to show a less-than-significant GHG impact if the project complies with or exceeds those programs adopted by CARB or other state agencies. As discussed previously, the project is expected to be in operation by 2023. Beyond 2020, the state has established a GHG emissions reduction target for 2030 that has been codified in law through SB 32 and the 2017 Scoping Plan was adopted to meet this goal. Therefore, 2030 marks the next statutory statewide milestone target applicable to the project. The plan to achieve these statewide emission reduction goals is provided by the 2017 Scoping Plan (and future updates), and demonstrating consistency with the 2017 Scoping Plan will demonstrate that the project is doing its fair share toward achieving statewide reduction targets.

Overall, of the threshold options discussed above, the approach used in this analysis is compliance with regulatory programs, which is appropriate in addressing the project's post-2020 completion and operation. Under this threshold approach, the project's GHG emissions are evaluated for each

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<sup>6</sup> The SCAQMD defines service population as including population and employment.

major emission sector (e.g., energy, water, waste, mobile, stationary) addressed in the 2017 Scoping Plan to determine whether the project's emissions would conflict with applicable sector-specific reduction targets and strategies identified in the 2017 Scoping Plan to meet the state's 2030 target under SB 32. Additionally, the project's consistency with the emissions reduction measures discussed within SCAG's 2020–2045 RTP/SCS and the City's Sustainable City pLAN and Green Building Code will also be assessed to determine if the project would have any significant effect on the environment with respect to GHG emissions.

Note that GHGs and climate change are exclusively cumulative impacts; there are no non-cumulative GHG emissions impacts from a climate change perspective (CAPCOA 2008). Therefore, in accordance with the scientific consensus regarding the cumulative nature of GHGs, the analysis herein analyzes the cumulative contribution of project-related GHG emissions.

### 3.3.5 Best Management Practices

The following BMP would be implemented as part of the project:

**BMP-GHG-1:** The following measures will be employed by the project to minimize operational-related GHG emissions:

- Implement energy-efficient heating, ventilation, and air conditioning (HVAC) systems and lighting, and Energy Star appliances.
- Use plant palettes of California native species and plants that are drought tolerant and help reduce water consumption, maintenance, and hardscape repair costs.

### 3.3.6 Impact Analysis

#### Project Construction

Construction of the project would result in temporary generation of GHG emissions related to off-road equipment use and on-road vehicle operations. As mentioned previously, GHG emissions are measured exclusively as cumulative impacts; therefore, the project's construction emissions are considered part of the total GHG emissions for the project lifecycle, which also include GHG emissions during operations. In accordance with SCAQMD guidance, the project's construction emissions are amortized over a 30-year period and the resulting annual emissions are combined with the project's annual operational GHG emissions.

Table 3.3-1 below shows GHG emissions related to construction of the project. As shown, construction of the project is estimated to generate a total of 582 MTCO<sub>2e</sub> over the construction period. When amortized over a 30-year period, the project's construction GHG emissions would be approximately 19 MTCO<sub>2e</sub> per year. Because construction emission sources would cease once construction is complete, construction emissions are considered short term.

**Table 3.3-1. Estimated Short-term Construction Related GHG Emissions**

<b>Construction Phase</b>	<b>Total GHG Emissions per Phase (MTCO<sub>2</sub>e)<sup>a</sup></b>
Demolition	23
Site Preparation	26
Grading	99
Building Construction	394
Paving	26
<b>Total Construction Emissions</b>	<b>582</b>
<i>Annual Construction Emissions (Amortized over 30 years)</i>	19

Source: Emissions modeling by ICF using CalEEMod version 2016.3.2 (Appendix A).

<sup>a</sup> Totals may not add up due to rounding.

MTCO<sub>2</sub>e=metric tons of carbon dioxide equivalent

## Project Operations

Area and indirect sources of GHG emissions associated with the project would primarily result from electricity and natural gas consumption, water transport (the energy used to deliver water to and from the project site), and solid waste generation. GHG emissions from electricity consumed on the project site would be generated offsite by fuel combustion at the electricity provider. GHG emissions from water transport are also indirect emissions resulting from the energy required to transport water from its source. The new recreation center at the project site would generate mobile source emissions from motor vehicle trips generated by employees and visitors. Maintenance and testing of the emergency generator would also generate GHG emissions.

The estimated operational GHG emissions resulting from the project are shown in Table 3.3-2. Additionally, in accordance with SCAQMD's recommendation, the project's amortized construction-related GHG emissions from Table 3.3-1 are added to the operational emissions estimate in order to determine the project's total annual GHG emissions.

**Table 3.3-2. Estimated Annual Greenhouse Gas Emissions from Project Operation in 2023 (metric tons per year)**

<b>Emission Source</b>	<b>Estimated Annual GHG Emissions (MTCO<sub>2</sub>e per year)<sup>a</sup></b>
Area	<0.01
Electricity	91
Natural Gas	10
Mobile	634
Waste	14
Water	10
Stationary	1
Amortized Construction	19
<b>Total Annual Project Emissions</b>	<b>779</b>

Source: ICF Emissions Modeling (Appendix A).

<sup>a</sup> Totals may not add up due to rounding.

As shown in Table 3.3-2, the project's total annual GHG emissions would be approximately 779 MTCO<sub>2e</sub> per year.

As discussed in the Methodology section, above, the project's compliance with regulatory programs is used to analyze the significance of its potential impacts with respect to GHG emissions dating from its post-2020 completion and operation. Under this threshold approach, the project's GHG emissions are evaluated for consistency with each major emission sector (e.g., energy, water, waste, mobile, and stationary) addressed in the 2017 Scoping Plan to determine whether the project's emissions would conflict with applicable sector-specific reduction targets and strategies identified in the 2017 Scoping Plan to meet the state's 2030 target under SB 32. The following sections present the sector-by-sector analysis of the project's potential GHG impacts.

## Area Emissions

As shown in Table 3.3-2, emissions associated with area sources would be less than 1 MTCO<sub>2e</sub> per year. The project's area sources include gasoline-powered landscaping equipment (e.g., trimmers, mowers). Area source emissions associated with landscaping equipment are based on CalEEMod's default assumptions, which estimates equipment usage based on square footage of new building space. The planting guidelines for the proposed project would use plant palettes of California native species and plants that help reduce water consumption, maintenance, and hardscape repair costs. Although there are no relevant measures in the Scoping Plan related to area sources, the project's minimal area emissions and use of California native plants that require minimal maintenance would be in line with the Scoping Plan's overall goal of reducing emissions.

## Energy Emissions

GHGs are emitted directly from buildings through the combustion of any type of fuel (e.g., natural gas for heating). GHGs can also be emitted indirectly from the generation of electricity. The Scoping Plan outlines strategies to reduce energy demand and fossil fuel use while increasing energy efficiency and renewable energy generation. These strategies include transitioning to cleaner fuels, greater efficiency in existing buildings, and electrification of end uses in commercial sectors. As shown in Table 3.3-2, the project's building energy emissions (i.e., electricity and natural gas) would be approximately 101 MTCO<sub>2e</sub> per year.

The Office of Professional Responsibility (OPR)'s 2018 *CEQA and Climate Change Advisory* recommends that a land use development project that "achieves applicable building energy efficiency standards, uses no natural gas or other fossil fuels, and includes Energy Star appliances where available, may be able to demonstrate a less-than-significant greenhouse gas impact associated with project operation." Although OPR recommends new buildings do not consume fossil fuels, the 2017 Scoping Plan does not assume all electric buildings in their 2030 reduction analysis. Rather, the 2017 Scoping Plan assumes new gas appliances will be high efficiency.

The project would install energy-efficient HVAC and lighting systems, Energy Star appliances, and meet Cal Green and Title 24 Building Standards Code requirements. Though the project would allow for natural gas appliances and heating, all units would meet high efficiency standards, consistent with the assumptions and emissions reduction requirements of the 2017 Scoping Plan for 2030. Thus, the project would be consistent with the 2017 Scoping Plan's overall goal of reducing building energy emissions to meet the state's 2030 GHG reduction target.

## Mobile Source Emissions

GHG emissions associated with on-road mobile sources are generated from employees and visitors traveling to and from the project site. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines, as well as offsite parking lots for patrons, which can be accessed by shuttle. As discussed above, CARB acknowledges that reductions in VMT are required to meet the state's long-term climate change goals. The project's urban infill location, with nearby access to public transportation in proximity to the project site, is consistent with state and local VMT reduction policies.

The project would provide ample bicycle parking spaces at the project site, satisfying LAMC requirements to support bicycling by its employees and visitors and accommodate up to four EV spaces. The provision of EV spaces at the project site would further reduce mobile GHG emissions. Overall, the project would be consistent with the state's goal of reducing VMT.

## Land Use Emissions

The project site has most recently been used as a dirt storage site for the construction of MTA's Crenshaw light rail line and is currently undeveloped. Implementation of the proposed project would develop a recreation center and add much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles. The 20,000 square foot multifaceted facility will also house flex spaces to accommodate a variety of recreation related social programs, and a community meeting room. The project site is currently zoned PF-1 (Public Facilities) and is also designated as Public Facilities in the South Los Angeles Community Plan. The project's facility would be consistent with the land uses that are allowed under the site's zoning and this land use designations. Additionally, the project's landscaping would plant native and drought-tolerant vegetation, as well as vertical gardens, and would increase carbon sequestration over existing conditions. Although there are no relevant measures in the Scoping Plan or explicit regulatory requirements related to tree or vegetation planting, the Scoping Plan does discuss the importance of maintaining natural and working lands, which also encompasses green spaces in urban and built environments, to serve as a carbon sink. Additionally, the Scoping Plan notes that the creation and management of parks and other green space in urban areas, including expansion of the existing urban tree canopy, would help to reduce GHG emissions. Thus, the additional trees and native and drought-tolerant vegetation by the project would be consistent with the Scoping Plan's overall goal of avoiding losses in carbon sequestration.

## Waste Emissions

Solid waste may be disposed in landfills or diverted for recycling, composting, or reuse. GHG emissions from landfills are generated through anaerobic breakdown of material. The Scoping Plan aims to reduce waste emissions by diverting waste away from landfills through waste reduction, reuse, composting, and material recovery. In addition, AB 341 requires mandatory recycling for certain commercial businesses.

As shown in Table 3.3-2, emissions associated with waste would be approximately 14 MTCO<sub>2e</sub> per year. As of February 1, 2018, a new waste and recycling system for all businesses and large apartment complexes in the City referred to as "recyclA" was implemented by LA Sanitation &



Environment (LASAN), which is responsible in overseeing the collection and recycling of waste generated by residential, commercial, and industrial uses in the City and surrounding communities. Under the recycLA program, the City is divided into 11 different service zones and waste collection contracts are awarded to seven different companies to collect trash at businesses, apartment buildings, and condos in those areas. Part of the services that recycLA will offer to businesses and large multi-family customers include blue bins for recycling and organics recycling. The implementation of this program aims to reduce landfill disposal by one million tons per year by 2025 and reduce waste by 65 percent in all 11 of the City's service zones, with the goal of achieving zero waste by 2050. Thus, upon its completion and operation in 2023, the project would be served by this solid waste collection and recycling service, which is consistent with the Scoping Plan's overall goal of reducing waste emissions and its specific strategy to avoid landfill methane emissions by reducing the disposal of landfilled waste and organics through programs such as edible food recovery programs. In addition, these features would support and comply with AB 341's mandatory recycling requirement and support the state's recycling goal. With respect to construction and demolition debris, the 2019 CALGreen Code, as amended in the LAMC, requires that at least 65 percent by weight of job site debris generated by most types of building project types be recycled, reused, or otherwise diverted from landfill disposal.

## Water and Wastewater Emissions

Indirect GHG emissions result from the production of electricity used to convey, treat, and distribute water and wastewater. The amount of electricity required to convey, treat, and distribute water depends on the volume of water as well as the sources of water. The Scoping Plan outlines objectives and goals to reduce GHGs in the water sector, including using and reusing water more efficiently through greater water conservation, drought tolerant landscaping, stormwater capture, and water recycling. Regulations have further targeted water supply and water conservation (e.g., SB X7-7) through building and landscaping efficiency (e.g., Title 24).

As shown in Table 3.3-2, the annual emissions associated with water use would be approximately 10 MTCO<sub>2e</sub> during the project's opening year. As the project would be certified as LEED Silver, water efficiency measures would be incorporated into the project building. These measures generally include the use of low-flow plumbing fixtures to decrease indoor water use and installation of water-efficient irrigation systems and the planting of water-efficient landscaping consisting of native and drought-tolerant vegetation to minimize outdoor irrigation requirements. The project would be consistent with the LASAN's Low Impact Development (LID) policies by reducing stormwater runoff by incorporating a cistern into the project's design. The cistern would be designed to exceed LASAN's requirements for capture and reuse. Thus, the indoor and outdoor water conservation measures of the project serve to support ongoing regulatory programs (e.g., SB X7-7, Title 24, LID) that aim to reduce GHG emissions associated with conveying water and distributing water to ultimately achieve climate neutrality.

## Conclusion

As discussed above, the project's sustainability measures are consistent with applicable polices from the 2017 Scoping Plan and regulatory programs for the area, energy, water, waste, and land use sectors. The project's consistency with other statutes and policies related to GHG reduction efforts identified in the 2017 Scoping Plan are identified below. The project would also result in a net increase in native and drought-tolerant vegetation over existing conditions, and therefore would be

consistent with Scoping Plan’s overall goal of avoiding losses in carbon sequestration. The location of the project in an urban infill site in proximity to multiple transit options would also result in a reduction in VMT that is consistent with the Scoping Plan’s long-term climate change goals. Overall, GHG emissions from construction and operation of the project would have a less-than-significant impact on the environment.

## Consistency with Applicable Plans

### SCAG 2020–2045 RTP/SCS

The 2020–2045 RTP/SCS is a long-range planning document that balances future mobility and housing needs with economic, environmental, and public health goals in the SCAG region. One of the key strategies of the plan is to integrate land use, housing, and transportation planning to ensure sustainable regional growth. Goals and policies included in the 2020–2045 RTP/SCS to reduce GHG emissions consist of adding density in proximity to transit stations, mixed-use development and encouraging active transportation (i.e., non-motorized transportation such as bicycling). SCAG’s 2020–2045 RTP/SCS complies with SB 375, which requires an SCS to be prepared as part of the RTP by each MPO that outlines policies to reduce per capita GHG emissions from automobiles and light trucks. The SCS policies include a mix of strategies that encourage compact growth patterns, mixed-use design, alternative transportation, transit, mobility and access, network expansion, and transportation investment. Table 3.3-3 shows the project’s consistency with the 2020–2045 RTP/SCS goals and guiding policies.

**Table 3.3-3. Consistency of Project with SCAG 2020–2045 RTP/SCS**

Applicable Targets	Project Consistency Assessment
2020–2045 RTP/SCS Goals	
1. Encourage regional economic prosperity and global competitiveness.	<b>Not applicable.</b> The Southern California Association of Governments (SCAG) and its member agencies are responsible for aligning Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) investments and polices with improving regional economic prosperity and competitiveness. The project would not conflict with this goal.
2. Improve mobility, accessibility, reliability, and travel safety for people and goods.	<b>Consistent.</b> The project would add much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the Metropolitan Transit Authority (MTA) and will seek parking reductions due to its close proximity to MTA train and bus lines. The project would also provide 10 standard and four long-term (enclosed lockers) bike parking. These features support the goal of increased mobility, accessibility, reliability, and travel safety. Therefore, the project is consistent with this goal.
3. Enhance the preservation, security, and resilience of the regional transportation system.	<b>Consistent.</b> The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines, thereby contributing to increased ridership, preservation, and resilience of the City’s multimodal transportation system in the region.

Applicable Targets	Project Consistency Assessment
4. Increase person and goods movement and travel choices within the transportation system.	<b>Consistent.</b> The project would encourage the use of mass transit, walking and bicycling, as the project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. Thus, the project would encourage the utilization of mass transit as a mode of transportation to and from the project site area and contribute to increasing person and travel choices within the transportation system. The project would be consistent with this goal.
5. Reduce greenhouse gas emissions and improve air quality.	<b>Consistent.</b> The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. The project would also provide long-term and short-term bicycle parking which would help people have more opportunities to bicycle, walk and pursue other active alternatives to driving. Onsite parking would also accommodate up to four EV charging spaces. These features would reduce work trips and encourage employees to utilize alternative modes of transportation including public transportation, walking, and bicycling. Furthermore, the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kilowatts (kW)), stormwater capture and reuse systems, and vertical gardens.
6. Support healthy and equitable communities.	<b>Consistent.</b> The project would develop a recreation center and provide much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. Onsite parking would also accommodate up to four electric vehicle (EV) charging spaces. The project would also provide long-term and short-term bicycle parking which would help people have more opportunities to bicycle, walk and pursue other active alternatives to driving. The project's design and location would help to improve air quality and the well-being of people as they would have greater opportunities for pedestrian and bicycling activity and to reduce their reliance on automobiles. These would support the goal of healthy and equitable communities.
7. Adapt to a changing climate and support an integrated regional development pattern and transportation network.	<b>Consistent.</b> The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. Onsite parking would also accommodate up to four EV charging spaces. The project would also provide long-term and short-term bicycle parking. The project would also implement energy and water conservation measures to be certified as Leadership in Energy and Environmental Design (LEED) Silver. As part of its sustainable design the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kW), stormwater capture and reuse systems, and vertical gardens.

Applicable Targets	Project Consistency Assessment
8. Leverage new transportation technologies and data-driven solutions that result in more efficient travel.	<b>Not Applicable.</b> This goal is directed toward SCAG to result in more efficient travel. Nevertheless, the project would accommodate up to four EV charging spaces.
9. Encourage development of diverse housing types in areas that are supported by multiple transportation options.	<b>Not Applicable.</b> The project is a recreation center and does not include any residential uses. Nonetheless the project would be in close proximity to public transit options, as well as provide long-term and short-term bicycle parking.
10. Promote conservation of natural and agricultural lands and restoration of habitats.	<b>Consistent.</b> The project would be consistent with this Goal because the project does not propose the conversion of any natural or agricultural lands to urban use. The project is located in an urban, infill site, and there are no natural or agricultural lands on or near the project site.
<i>2020–2045 RTP/SCS Guiding Principles</i>	
1. Base transportation investments on adopted regional performance indicators and MAP-21/FAST Act regional targets.	<b>Not Applicable.</b> This principle is directed toward SCAG in allocating transportation investments. This principle does not apply to the individual development projects such as the project, and no further analysis is required.
2. Place high priority for transportation funding in the region on projects and programs that improve mobility, accessibility, reliability, and safety, and that preserve the existing transportation system.	<b>Not Applicable.</b> This principle is directed toward SCAG in allocating transportation system funding. Nevertheless, the project would contribute to a safe, well maintained, and efficient multimodal transportation system.
3. Assure that land use and growth strategies recognize local input, promote sustainable transportation options, and support equitable and adaptable communities.	<b>Not Applicable.</b> This principle is directed toward SCAG and the City of Los Angeles and does not apply to individual projects such as the project. Nevertheless, the project site’s urban infill location near mass transit and proximity to services, commercial uses, and employment opportunities promotes a pedestrian-friendly environment and supports equitable and adaptable communities. The location of the project site also promotes the use of a variety of transportation options, which includes walking and the use of public transportation.
4. Encourage 2020–2045 RTP/SCS investments and strategies that collectively result in reduced non-recurrent congestion and demand for single occupancy vehicle use, by leveraging new transportation technologies and expanding travel choices.	<b>Not Applicable.</b> The project would not involve the 2020–2045 RTP/SCS investments, but would place employment options near multiple public transportation options and non-motorized transportation infrastructure, which would reduce demand for single occupancy vehicle use and leverage past and future RTP/SCS investments.

Applicable Targets	Project Consistency Assessment
5. Encourage transportation investments that will result in improved air quality and public health, and reduced greenhouse gas emissions.	<b>Consistent.</b> The project would develop a recreation center and provide much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. The project would also provide long-term and short-term bicycle parking which would help people have more opportunities to bicycle, walk and pursue other active alternatives to driving. Onsite parking would also accommodate up to four EV charging spaces. These features would reduce work trips and encourage employees to utilize alternative modes of transportation including public transportation, walking, and bicycling.
6. Monitor progress on all aspects of the Plan, including the timely implementation of projects, programs, and strategies.	<b>Not applicable.</b> This principle is directed toward SCAG and the City of Los Angeles and not does apply to individual projects such as the project.
7. Regionally, transportation investments should reflect best-known science regarding climate change vulnerability, in order to design for long term resilience.	<b>Not applicable.</b> SCAG and its member agencies are responsible for transportation investments and ensuring that they reflect the best-known science regarding climate change vulnerability. The project would not conflict with this policy.
<i>Focus Growth Near Destinations &amp; Mobility Options</i> Strategy 1. Emphasize land use patterns that facilitate multimodal access to work, educational and other destinations.	<b>Consistent.</b> As stated above, the project would develop a recreation center and provide much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles. The project would be in close proximity to public transit options, as well as provide long-term and short-term bicycle parking.
<i>Focus Growth Near Destinations &amp; Mobility Options</i> Strategy 2. Focus on a regional jobs/housing balance to reduce commute times and distances and expand job opportunities near transit and along center-focused main streets.	<b>Consistent.</b> As stated above, the project would develop a recreation center and provide much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles. The project would be in close proximity to public transit options, as well as provide long-term and short-term bicycle parking. As the project site is surrounded by various land uses, it is likely that addition to transit, visitors, and employees would also walk and bicycle to and from the project to destinations. The project would support this by providing bicycle parking and providing enhanced pedestrian amenities around the project site.
<i>Focus Growth Near Destinations &amp; Mobility Options</i> Strategy 3. Plan for growth near transit investments and support implementation of first/last mile strategies.	<b>Consistent.</b> The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. The project would also provide long-term and short-term bicycle parking which would help people have more opportunities to bicycle, walk and pursue other active alternatives to driving. Onsite parking would also accommodate up to four EV charging spaces.

Applicable Targets	Project Consistency Assessment
<p><i>Focus Growth Near Destinations &amp; Mobility Options</i> Strategy 4. Promote the redevelopment of underperforming retail developments and other outmoded nonresidential uses.</p>	<p><b>Consistent.</b> The project site is currently vacant and would develop a recreation center and provide much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles.</p>
<p><i>Focus Growth Near Destinations &amp; Mobility Options</i> Strategy 5. Prioritize infill and redevelopment of underutilized land to accommodate new growth, increase amenities and connectivity in existing neighborhoods.</p>	<p><b>Consistent.</b> The project site is currently vacant and would develop a recreation center and provide much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles.</p>
<p><i>Focus Growth Near Destinations &amp; Mobility Options</i> Strategy 6. Encourage design and transportation options that reduce the reliance on and number of solo car trips (this could include mixed uses or locating and orienting close to existing destinations).</p>	<p><b>Consistent.</b> The project would facilitate the use of alternative modes of transportation, which would aid in reducing the number of solo car trips. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. The project would also provide long-term and short-term bicycle parking which would help people have more opportunities to bicycle, walk and pursue other active alternatives to driving. Onsite parking would also accommodate up to four EV charging spaces.</p>
<p><i>Focus Growth Near Destinations &amp; Mobility Options</i> Strategy 7. Identify ways to “right size” parking requirements and promote alternative parking strategies (e.g. shared parking or smart parking).</p>	<p><b>Consistent.</b> The project would provide 20 parking spaces. The project would also provide long-term and short-term bicycle parking which would help people have more opportunities to bicycle, walk and pursue other active alternatives to driving. Onsite parking would also accommodate up to four EV charging spaces.</p>
<p><i>Promote Diverse Housing Choices</i> Strategy 1. Preserve and rehabilitate affordable housing and prevent displacement.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. The project is a recreation center and does not include any residential uses.</p>
<p><i>Promote Diverse Housing Choices</i> Strategy 2. Identify funding opportunities for new workforce and affordable housing development.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. The project is a recreation center and does not include any residential uses.</p>
<p><i>Promote Diverse Housing Choices</i> Strategy 3. Create incentives and reduce regulatory barriers for building context-sensitive accessory dwelling units to increase housing supply.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project.</p>

Applicable Targets	Project Consistency Assessment
<p><i>Promote Diverse Housing Choices</i> Strategy 4. Provide support to local jurisdictions to streamline and lessen barriers to housing development that supports reduction of greenhouse gas emissions.</p>	<p><b>Consistent.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, the project site’s urban infill location near mass transit and proximity to services and commercial uses promotes a pedestrian- friendly environment and supports reduced greenhouse gas (GHG) emissions. The location of the project site also promotes the use of a variety of transportation options, which includes walking and the use of public transportation, which also supports reduced GHG emissions.</p>
<p><i>Leverage Technology Innovations</i> Strategy 1. Promote low emission technologies such as neighborhood electric vehicles, shared ride hailing, car sharing, bike sharing and scooters by providing supportive and safe infrastructure such as dedicated lanes, charging and parking/drop-off space.</p>	<p><b>Consistent.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, the project would accommodate up to four EV charging spaces and provide long-term and short-term bicycle parking.</p>
<p><i>Leverage Technology Innovations</i> Strategy 2. Improve access to services through technology—such as telework and telemedicine as well as other incentives such as a “mobility wallet,” an app-based system for storing transit and other multi-modal payments.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project.</p>
<p><i>Leverage Technology Innovations</i> Strategy 3. Identify ways to incorporate “micro-power grids” in communities, for example solar energy, hydrogen fuel cell power storage and power generation.</p>	<p><b>Consistent.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, as part of its sustainable design the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kW), stormwater capture and reuse systems, high speed EV chargers, and vertical gardens.</p>
<p><i>Support Implementation of Sustainability Policies</i> Strategy 1. Pursue funding opportunities to support local sustainable development implementation projects that reduce greenhouse gas emissions.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, the project site’s urban infill location near mass transit and proximity to services and commercial uses promotes a pedestrian-friendly environment and supports reduced greenhouse gas emissions. The location of the project site also promotes the use of a variety of transportation options, which includes walking and the use of public transportation, which also supports reduced greenhouse gas emissions.</p>
<p><i>Support Implementation of Sustainability Policies</i> Strategy 2. Support statewide legislation that reduces barriers to new construction and that incentivizes development near transit corridors and stations.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, the project will sit as a node along the new pedestrian and bikeway zone being constructed by the MTA and will seek parking reductions due to its close proximity to MTA train and bus lines. The project would also provide long-term and short-term bicycle parking which would help people have more opportunities to bicycle, walk and pursue other active alternatives to driving. Onsite parking would also accommodate up to four EV charging spaces.</p>

Applicable Targets	Project Consistency Assessment
<p><i>Support Implementation of Sustainability Policies</i></p> <p>Strategy 3. Support local jurisdictions in the establishment of Enhanced Infrastructure Financing Districts (EIFDs), Community Revitalization and Investment Authorities (CRIAs), or other tax increment or value capture tools to finance sustainable infrastructure and development projects, including parks and open space.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project.</p>
<p><i>Support Implementation of Sustainability Policies</i></p> <p>Strategy 4. Work with local jurisdictions/communities to identify opportunities and assess barriers to implement sustainability strategies.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, as part of its sustainable design the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kW), stormwater capture and reuse systems, high speed EV chargers, and vertical gardens.</p>
<p><i>Support Implementation of Sustainability Policies</i></p> <p>Strategy 5. Enhance partnerships with other planning organizations to promote resources and best practices in the SCAG region.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project.</p>
<p><i>Support Implementation of Sustainability Policies</i></p> <p>Strategy 6. Continue to support long range planning efforts by local jurisdictions.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project.</p>
<p><i>Support Implementation of Sustainability Policies</i></p> <p>Strategy 7. Provide educational opportunities to local decisions makers and staff on new tools, best practices and policies related to implementing the Sustainable Communities Strategy.</p>	<p><b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project.</p>
<p><i>Promote a Green Region</i></p> <p>Strategy 1. Support development of local climate adaptation and hazard mitigation plans, as well as project implementation that improves community resiliency to climate change and natural hazards.</p>	<p><b>Consistent.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, as part of its sustainable design the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kW), stormwater capture and reuse systems, high speed EV chargers, and vertical gardens.</p>



<b>Applicable Targets</b>	<b>Project Consistency Assessment</b>
<i>Promote a Green Region</i> Strategy 2. Support local policies for renewable energy production, reduction of urban heat islands and carbon sequestration.	<b>Consistent.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, as part of its sustainable design the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kW), stormwater capture and reuse systems, high speed EV chargers, and vertical gardens.
<i>Promote a Green Region</i> Strategy 3. Integrate local food production into the regional landscape.	<b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project.
<i>Promote a Green Region</i> Strategy 4. Promote more resource efficient development focused on conservation, recycling, and reclamation.	<b>Consistent.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, as part of its sustainable design the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kW), stormwater capture and reuse systems, high speed EV chargers, and vertical gardens. The project would include trash collection that will facilitate separation of organic, recyclable, and non-recyclable trash streams, and diversion of at least 76 percent of construction and demolition waste from landfills.
<i>Promote a Green Region</i> Strategy 5. Preserve, enhance, and restore regional wildlife connectivity.	<b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project.
<i>Promote a Green Region</i> Strategy 6. Reduce consumption of resource areas, including agricultural land.	<b>Not Applicable.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, the project does not propose the conversion of any natural or agricultural lands to urban use. The project is located in an urban, infill site, and there are no natural or agricultural lands.
<i>Promote a Green Region</i> Strategy 7. Identify ways to improve access to public park space.	<b>Consistent.</b> This strategy is directed toward SCAG and does not apply to individual projects such as the project. However, the project would develop a recreation center and provide much needed open space, increase the availability of recreational opportunities, and provide childcare facilities in an underserved neighborhood in South Los Angeles.

Source: ICF 2020.

The project would be consistent with the land use strategies of the 2020–2045 RTP/SCS and the goals of SB 375, including the reduction of VMT and the corresponding mobile GHG emissions. The urban infill location of the project site is surrounded by a diverse mixture of land uses including residential, commercial, industrial, and service uses. The diversity of land uses in proximity to the project site and onsite bicycle parking would reduce vehicle trips and VMT by encouraging walking and non-automotive forms of transportation, which would result in corresponding reductions in mobile GHG emissions. Thus, implementation of the project would help accommodate forecasted growth within the SCAG region while also supporting the reduction of per capita GHG emissions from passenger vehicles consistent with the 2020–2045 RTP/SCS. The project would also incorporate energy and water conservation features to achieve LEED Silver certification. Overall, the project would be consistent with the goals of SB 375 and the 2020–2045 RTP/SCS.

### AB 32, SB 32, and 2017 Scoping Plan

AB 32 and SB 32 outline the state’s GHG emissions reduction targets for 2020 and 2030, respectively. In 2008 and 2014, CARB adopted the Scoping Plan and First Update, respectively, as a framework for achieving the emissions reduction targets in AB 32. The Scoping Plan and First Update outline a series of technologically feasible and cost-effective measures to reduce statewide GHG emissions. CARB adopted the 2017 Scoping Plan in November 2017 as a framework to achieve the 2030 GHG reduction goal described in SB 32. As discussed previously, because the project is expected to be in operation by 2023, the statewide GHG emissions reduction target for 2030 is the statutory statewide milestone target that is applicable to the project.

Based on CARB’s 2017 Scoping Plan, many of the reductions needed to meet the 2030 target will come from state regulations, including cap-and-trade, the requirement for increased renewable energy sources in California’s energy supply, updates to Title 24, and increased emission reduction requirements for mobile sources. The 2017 Scoping Plan indicates that reductions would need to come in the form of changes pertaining to vehicle emissions and mileage standards, changes pertaining to sources of electricity and increased energy efficiency at existing facilities, and state and local plans, policies, or regulations that will lower GHG emissions relative to business-as-usual conditions. The 2017 Scoping Plan carries forward GHG reduction measures from the First Update, as well as new potential measures to help achieve the state’s 2030 target across all sectors of the California economy, including transportation, energy, and industry.

As discussed above under Impact GHG-1, the project would be consistent with the applicable policies from the 2017 Scoping Plan and regulatory programs for the area, energy, water, waste, and land use sectors. The project would be designed to achieve LEED Silver certification, and as part of its sustainable design the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals, stormwater capture and reuse systems, high speed EV chargers, and vertical gardens. Thus, the GHG emission reductions resulting from the project’s features, design, and location would be consistent with the goals of the 2017 Scoping Plan and would assist the state with meeting its GHG reduction goals. Table 3.3-4 shows the project’s consistency with statutes and programs identified in the state’s 2017 Scoping Plan that aim to reduce GHG emissions.

**Table 3.3-4. Consistency of Project with 2017 Scoping Plan**

Applicable Policies and Objectives	Project Consistency Assessment
SB 350: Reduce greenhouse gas (GHG) emissions in the electricity sector through the implementation of the 50 percent Renewables Portfolio Standard (RPS), doubling of energy savings, and other actions as appropriate to achieve GHG emissions reductions planning targets in the Integrated Resource Plan process.	<b>Consistent.</b> This policy is a state program that requires no action at the local or project level. Nonetheless, as part of the project’s sustainability goals the project would install energy-efficient appliances and low-flow plumbing fixtures, which would reduce emissions in the energy sector.
Low-Carbon Fuel Standard: Transition to cleaner/less-polluting fuels that have a lower carbon footprint.	<b>Consistent.</b> This policy is a state program that requires no action at the local or project level. Nonetheless, the project would reduce mobile-source GHG emissions by including short- and long-term bike parking and providing up to four electric vehicle (EV) charging spaces out of the 20 onsite parking spaces provided at the project site.

Applicable Policies and Objectives	Project Consistency Assessment
Mobile Source Strategy (Cleaner Technology and Fuels [CTF] Scenario): Reduce GHGs and other pollutants from the transportation sector through transition to zero-emission and low-emission vehicles, cleaner transit systems and reduction of vehicle miles traveled (VMT).	<b>Consistent.</b> This policy is a state program that requires no action at the local or project level. Nonetheless, the project would reduce mobile-source GHG emissions by including short- and long-term bike parking and providing up to four EV charging spaces out of the 20 onsite parking spaces provided at the project site.
SB 1383: Approve and Implement Short-Lived Climate Pollutant strategy to reduce highly potent GHGs.	<b>Not applicable.</b> This policy is a state program that requires no action at the local or project level and is not applicable to the proposed project. The project would not conflict with this statute.
California Sustainable Freight Action Plan: Improve freight efficiency, transition to zero-emission technologies, and increase competitiveness of California’s freight system.	<b>Not applicable.</b> This policy is a state program that requires no action at the local or project level and is not applicable to the proposed project. The project would not conflict with this plan.
Post-2020 Cap-and-Trade Program: Reduce GHGs across largest GHG emissions sources.	<b>Not applicable.</b> This policy is a state program that requires no action at the local or project level. The project would not conflict with this program.

Source: ICF 2020.

### City of Los Angeles Sustainable City pLAN

The 2019 Los Angeles’ Green New Deal is the first four-year update to the City’s 2015 pLAN and expands in more detail the vision to achieve a sustainable future that entails a carbon-neutral economy by 2050. This updated plan accelerates targets from the 2015 pLAN for supplying renewable energy, increasing local water sourcing, reducing building energy, reducing VMT per capita, reducing municipal GHG emissions, increasing the percentage of zero emission passenger and City-fleet vehicles, building new housing near transit, and increasing the number of green jobs. Of the issue areas that are addressed in separate chapters in the 2019 updates to the pLAN, those that are relevant for the project include: Renewable Energy, Local Water, Clean & Health Buildings, Housing & Development, Mobility & Public Transit, Zero Emission Vehicles, Water & Resource Recovery, and Urban Ecosystems & Resilience. The relevant targets established for each of these issue areas that are applicable to the project are shown in Table 3.3-5. The project-level analysis describes the consistency of the project with these targets.

**Table 3.3-5. Consistency of Project with Sustainable City pLAN (2019 Update)**

Applicable Targets	Project Consistency Assessment
<i>Renewable Energy</i>	
<ul style="list-style-type: none"> <li>• The Los Angeles Department of Water and Power (LADWP) will supply 55% renewable energy by 2025, 80% by 2036, and 100% by 2045</li> <li>• Increase cumulative MW by 2025, 2035, and 2050 of:                             <ul style="list-style-type: none"> <li>○ Local solar to 900-1,500 megawatts (MW), 1,500-1,800 MW, and 1,950 MW</li> <li>○ Energy storage capacity to 1,654-1,750 MW, 3,000 MW, and 4,000 MW</li> <li>○ Demand response (DR) programs to 234 MW (2025) and 600 MW (2035)</li> </ul> </li> </ul>	<p><b>Consistent.</b> Although this reduction target is applicable to the City’s renewable energy programs, the project would support this target through its installation of high-efficiency HVAC and electrical systems. The project would incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals, stormwater capture and reuse systems, high speed EV chargers, and vertical gardens.</p>
<i>Local Water</i>	
<ul style="list-style-type: none"> <li>• Reduce potable water use per capita by 22.5% by 2025, and 25% by 2035, and maintain or reduce 2035 per capita water use through 2050</li> </ul>	<p><b>Consistent.</b> The project would incorporate water efficiency measures to achieve Leadership in Energy and Environmental Design (LEED) Silver certification. The project also incorporates outdoor water conservation measures including the installation of water-efficient irrigation systems and the planting of water-efficient landscaping consisting of native and drought-tolerant vegetation to minimize irrigation requirements.</p>
<i>Clean &amp; Healthy Buildings</i>	
<ul style="list-style-type: none"> <li>• Reduce building energy use per square foot for all building types 22% by 2025, 34% by 2035, and 44% by 2050</li> </ul>	<p><b>Consistent.</b> The project would install energy efficient measures to achieve LEED Silver certification. The project would incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals, stormwater capture and reuse systems, high speed EV chargers, and vertical gardens.</p>
<b>Housing &amp; Development</b>	
<ul style="list-style-type: none"> <li>• Ensure 57% of new housing units are built within 1,500 ft. of transit by 2025, and 75% by 2035</li> <li>• Create or preserve 50,000 income-restricted affordable housing units by 2035 and increase stability for renters</li> </ul>	<p><b>Not Applicable.</b></p> <p><b>Consistent.</b> The project is a recreation center and does not include any residential uses.</p>
<b>Mobility &amp; Public Transit</b>	
<ul style="list-style-type: none"> <li>• Increase the percentage of all trips made by walking, biking, micro-mobility / matched rides, or transit to at least 35% by 2025, 50% by 2035, and maintain at least 50% by 2050</li> <li>• Reduce vehicle miles traveled (VMT) per capita by at least 13% by 2025, 39% by 2035, and 45% by 2050</li> </ul>	<p><b>Consistent.</b> Due to its infill location near multiple public transportation options the project would reduce VMT by encouraging the use of transit, walking, and bicycling. The urban infill characteristics of the project site offer a diversity of land uses near the project site, which would reduce vehicle trips and VMT by encouraging walking and non-automotive forms of transportation.</p>

Applicable Targets	Project Consistency Assessment
<i>Zero Emission Vehicles</i>	
<ul style="list-style-type: none"> <li>• Increase the percentage of electric and zero emission vehicles in the city to 25% by 2025, 80% by 2035, and 100% by 2050</li> </ul>	<p><b>Consistent.</b> The project would accommodate up to four EV charging spaces.</p>
<i>Waste &amp; Resource Recovery</i>	
<ul style="list-style-type: none"> <li>• Increase landfill diversion rate to 90% by 2025, 95% by 2035, and 100% by 2050</li> <li>• Eliminate organic waste going to landfill by 2028</li> <li>• Increase proportion of waste products and recyclables productively reused and/or repurposed within L.A. County to at least 25% by 2025, and 50% by 2035</li> </ul>	<p><b>Consistent.</b> The project would be served by a solid waste collection and recycling service under the recycLA program that was recently implemented on February 1, 2018. Part of the services that recycLA will offer to businesses and large multi-family customers include blue bins for recycling and organics recycling. The implementation of this program is aimed to achieve the City’s zero waste goal by 2050. Construction and demolition debris would be disposed of in accordance with the 2019 CALGreen Code, as amended in the Los Angeles Municipal Code (LAMC).</p>
<i>Urban Ecosystem &amp; Resilience</i>	
<ul style="list-style-type: none"> <li>• Increase tree canopy in areas of greatest need by at least 50% by 2028</li> </ul>	<p><b>Consistent.</b> The project will incorporate extensive and intensive green roofs and vertical gardens. As such, the project would support the City’s reduction target associated with increase the City’s tree canopy.</p>

As described in Table 3.3-3, the project would be consistent with and support the applicable City targets of the 2019 updates to the pLAN for achieving a carbon neutral economy by 2050.

**Conclusion**

In summary, the GHG emission reductions resulting from the project’s features, design, and location would be consistent with the goals of the 2017 Scoping Plan, SB 375, the 2020–2045 RTP/SCS, and Los Angeles’ Sustainable City pLAN. Accordingly, implementation of the project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.

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## 4.2 Personal Communications

Personal communication with Ohaji Abdallah of City of Los Angeles Bureau of Engineering on March 25, 2021

Appendix A  
**Construction and Operational Emissions  
Summary and Worksheets**

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**Regional Emissions Summary**

Emissions by Phase		Daily Emissions (lb/day)					Daily Emissions (lb/day)			Total MT			
Phase Name	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Total	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> e
Demolition	0.66	18.16	11.52	0.09	6.81	1.23	9791.22	0.27	1.39	22.21	0.00	0.00	23
Site Preparation	0.85	17.77	18.55	0.11	7.85	2.01	10930.86	0.92	1.36	24.79	0.00	0.00	26
Grading	0.84	17.00	18.41	0.10	6.04	1.10	10517.16	0.92	1.29	95.41	0.01	0.01	99
Building Construction	1.73	9.12	16.42	0.05	3.56	0.62	4597.31	0.54	0.44	381.61	0.04	0.04	394
Paving	0.46	3.71	13.95	0.03	1.61	0.29	2774.62	0.53	0.20	25.17	0.00	0.00	26
<b>Max Daily Emissions</b>	<b>1.73</b>	<b>18.16</b>	<b>18.55</b>	<b>0.11</b>	<b>7.85</b>	<b>2.01</b>						<b>Total</b>	<b>582</b>
SCAQMD Thresholds	75	100	550	150	150	55				30	-Year Amortization		19
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>							

**Localized Emissions Summary**

Emissions by Phase	Daily Emissions (lb/day)			
Phase Name	NO <sub>x</sub>	CO	PM <sub>10</sub> Total	PM <sub>2.5</sub> Total
Demolition	4.28	7.20	4.15	0.43
Site Preparation	5.16	14.81	5.46	1.29
Grading	5.06	14.75	3.76	0.42
Building Construction	5.31	11.66	2.17	0.24
Paving	2.60	11.80	1.00	0.12
<b>Max Daily Emissions</b>	<b>5.31</b>	<b>14.81</b>	<b>5.46</b>	<b>1.29</b>
SCAQMD Thresholds <sup>1</sup>	108	1,048	8	5
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

1) Localized Thresholds based on a 2 acre site with a receptor distance of 25 meters in SRA 1.

Offroad Equipment											Emission Factor (g/bhp-hr)												
Phase Name	Start	End	# of Workdays	EF Year	Equipment Type	# of Equipment	hours/day	HP	LF	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	
Demolition	4/11/2022	4/15/2022	5	2022	Excavators	1	8	120	0.5	0.06	0.26	3.70	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	467.63	0.15	0.02
Demolition	4/11/2022	4/15/2022	5	2022	Sweepers/Scrubbers	1	8	64	0.46	0.12	2.74	3.70	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	474.12	0.15	0.02
Site Preparation	4/18/2022	4/22/2022	5	2022	Rubber Tired Dozers	1	8	250	0.5	0.06	0.26	2.20	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	474.62	0.15	0.02
Site Preparation	4/18/2022	4/22/2022	5	2022	Tractors/Loaders/Backhoes	1	8	350	0.5	0.06	0.26	2.20	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	469.26	0.15	0.02
Site Preparation	4/18/2022	4/22/2022	5	2022	Sweepers/Scrubbers	1	8	64	0.46	0.12	2.74	3.70	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	474.12	0.15	0.02
Grading	4/25/2022	5/20/2022	20	2022	Graders	1	8	250	0.5	0.06	0.26	2.20	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	474.24	0.15	0.02
Grading	4/25/2022	5/20/2022	20	2022	Tractors/Loaders/Backhoes	1	8	350	0.5	0.06	0.26	2.20	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	469.26	0.15	0.02
Grading	4/25/2022	5/20/2022	20	2022	Sweepers/Scrubbers	1	8	64	0.46	0.12	2.74	3.70	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	474.12	0.15	0.02
Building Construction	5/23/2022	2/1/2023	183	2022	Other Construction Equipment	1	8	172	0.42	0.06	0.26	3.70	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	469.61	0.15	0.02
Building Construction	5/23/2022	2/1/2023	183	2022	Skid Steer Loaders	2	8	65	0.37	0.12	2.74	3.70	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	472.43	0.15	0.02
Building Construction	5/23/2022	2/1/2023	183	2022	Tractors/Loaders/Backhoes	1	8	97	0.37	0.06	0.26	2.20	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	469.26	0.15	0.02
Building Construction	5/23/2022	2/1/2023	183	2022	Sweepers/Scrubbers	1	8	64	0.46	0.12	2.74	3.70	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	474.12	0.15	0.02
Paving	2/2/2023	3/1/2023	20	2023	Other Construction Equipment	1	8	172	0.42	0.06	0.26	3.70	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	469.56	0.15	0.02
Paving	2/2/2023	3/1/2023	20	2023	Pavers	1	8	130	0.42	0.06	0.26	3.70	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	472.72	0.15	0.02
Paving	2/2/2023	3/1/2023	20	2023	Sweepers/Scrubbers	1	8	64	0.46	0.12	2.74	3.70	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	474.12	0.15	0.02
Paving	2/2/2023	3/1/2023	20	2023	Tractors/Loaders/Backhoes	1	8	97	0.37	0.06	0.26	2.20	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	469.47	0.15	0.02

Offroad Equipment											Emissions (lb/day)												
Phase Name	Start	End	# of Workdays	EF Year	Equipment Type	# of Equipment	hours/day	HP	LF	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	
Demolition	4/11/2022	4/15/2022	5	2022	Excavators	1	8	120	0.5	0.06	0.28	3.92	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	494.85	0.16	0.02
Demolition	4/11/2022	4/15/2022	5	2022	Sweepers/Scrubbers	1	8	64	0.46	0.06	1.42	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	246.18	0.08	0.01
Site Preparation	4/18/2022	4/22/2022	5	2022	Rubber Tired Dozers	1	8	250	0.5	0.13	0.57	4.85	0.01	0.00	0.02	0.02	0.00	0.02	0.02	0.02	1,046.36	0.34	0.05
Site Preparation	4/18/2022	4/22/2022	5	2022	Tractors/Loaders/Backhoes	1	8	350	0.5	0.19	0.80	6.79	0.02	0.00	0.02	0.02	0.00	0.02	0.02	0.02	1,448.35	0.47	0.07
Site Preparation	4/18/2022	4/22/2022	5	2022	Sweepers/Scrubbers	1	8	64	0.46	0.06	1.42	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	246.18	0.08	0.01
Grading	4/25/2022	5/20/2022	20	2022	Graders	1	8	250	0.5	0.13	0.57	4.85	0.01	0.00	0.02	0.02	0.00	0.02	0.02	0.02	1,045.52	0.34	0.05
Grading	4/25/2022	5/20/2022	20	2022	Tractors/Loaders/Backhoes	1	8	350	0.5	0.19	0.80	6.79	0.02	0.00	0.02	0.02	0.00	0.02	0.02	0.02	1,448.35	0.47	0.07
Grading	4/25/2022	5/20/2022	20	2022	Sweepers/Scrubbers	1	8	64	0.46	0.06	1.42	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	246.18	0.08	0.01
Building Construction	5/23/2022	2/1/2023	183	2022	Other Construction Equipment	1	8	172	0.42	0.08	0.33	4.71	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	598.33	0.19	0.03
Building Construction	5/23/2022	2/1/2023	183	2022	Skid Steer Loaders	2	8	65	0.37	0.10	2.32	3.14	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	400.78	0.13	0.02
Building Construction	5/23/2022	2/1/2023	183	2022	Tractors/Loaders/Backhoes	1	8	97	0.37	0.04	0.16	1.39	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	297.04	0.10	0.01
Building Construction	5/23/2022	2/1/2023	183	2022	Sweepers/Scrubbers	1	8	64	0.46	0.06	1.42	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	246.18	0.08	0.01
Paving	2/2/2023	3/1/2023	20	2023	Other Construction Equipment	1	8	172	0.42	0.08	0.33	4.71	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	598.26	0.19	0.03
Paving	2/2/2023	3/1/2023	20	2023	Pavers	1	8	130	0.42	0.06	0.25	3.56	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	455.22	0.15	0.02
Paving	2/2/2023	3/1/2023	20	2023	Sweepers/Scrubbers	1	8	64	0.46	0.06	1.42	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	246.18	0.08	0.01
Paving	2/2/2023	3/1/2023	20	2023	Tractors/Loaders/Backhoes	1	8	97	0.37	0.04	0.16	1.39	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	297.17	0.10	0.01



Offroad Equipment										Total MT			
Phase Name	Start	End	# of Workdays	EF Year	Equipment Type	# of Equipment	hours/day	HP	LF	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> e
Demolition	4/11/2022	4/15/2022	5	2022	Excavators	1	8	120	0.5	1.12	0.00	0.000	1.15
Demolition	4/11/2022	4/15/2022	5	2022	Sweepers/Scrubbers	1	8	64	0.46	0.56	0.00	0.000	0.57
Site Preparation	4/18/2022	4/22/2022	5	2022	Rubber Tired Dozers	1	8	250	0.5	2.37	0.00	0.000	2.42
Site Preparation	4/18/2022	4/22/2022	5	2022	Tractors/Loaders/Backhoes	1	8	350	0.5	3.28	0.00	0.000	3.36
Site Preparation	4/18/2022	4/22/2022	5	2022	Sweepers/Scrubbers	1	8	64	0.46	0.56	0.00	0.000	0.57
Grading	4/25/2022	5/20/2022	20	2022	Graders	1	8	250	0.5	9.48	0.00	0.000	9.69
Grading	4/25/2022	5/20/2022	20	2022	Tractors/Loaders/Backhoes	1	8	350	0.5	13.14	0.00	0.001	13.43
Grading	4/25/2022	5/20/2022	20	2022	Sweepers/Scrubbers	1	8	64	0.46	2.23	0.00	0.000	2.28
Building Construction	5/23/2022	2/1/2023	183	2022	Other Construction Equipment	1	8	172	0.42	49.67	0.02	0.002	50.75
Building Construction	5/23/2022	2/1/2023	183	2022	Skid Steer Loaders	2	8	65	0.37	33.27	0.01	0.002	33.99
Building Construction	5/23/2022	2/1/2023	183	2022	Tractors/Loaders/Backhoes	1	8	97	0.37	24.66	0.01	0.001	25.19
Building Construction	5/23/2022	2/1/2023	183	2022	Sweepers/Scrubbers	1	8	64	0.46	20.43	0.01	0.001	20.88
Paving	2/2/2023	3/1/2023	20	2023	Other Construction Equipment	1	8	172	0.42	5.43	0.00	0.000	5.55
Paving	2/2/2023	3/1/2023	20	2023	Pavers	1	8	130	0.42	4.13	0.00	0.000	4.22
Paving	2/2/2023	3/1/2023	20	2023	Sweepers/Scrubbers	1	8	64	0.46	2.23	0.00	0.000	2.28
Paving	2/2/2023	3/1/2023	20	2023	Tractors/Loaders/Backhoes	1	8	97	0.37	2.70	0.00	0.000	2.75

**Truck Loading Fugitive Dust Emissions**

Phase Name	Start Date	End Date	Total Days	Year	Total CY	Tons/CY	Throughput (tons)	Truck Loading EF (lb/ton throughput)						Emissions (lb/day) <sup>1</sup>					
								PM <sub>10</sub>		PM <sub>2.5</sub>		PM <sub>2.5</sub>		PM <sub>10</sub>		PM <sub>2.5</sub>		PM <sub>2.5</sub>	
								Fugitive	Exhaust	Total	Fugitive	Exhaust	Total	Fugitive	Exhaust	Total	Fugitive	Exhaust	Total
Demolition	4/11/22	4/15/22	5	2022	18,000	1.2642	22,755.0	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.11		0.11	0.02		0.02
Site Preparation	4/18/22	4/22/22	5	2022	1,740	1.2642	2,199.6	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.01		0.01	0.00		0.00
Grading	4/25/22	5/20/22	20	2022	260	1.2642	328.7	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Building Construction	5/23/22	2/1/23	183	2022	0	1.2642	0.0	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Paving	2/2/23	3/1/23	20	2023	0	1.2642	0.0	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00

1) Includes dust control measure of watering exposed area

**Bulldozing Fugitive Dust Emissions**

Phase Name	Start	End	# of Workdays	First Year of CSTN	Equipment Type	# of Equipment	hours/day	Emission Factor (lb/hr)						Emissions (lb/day) <sup>1</sup>										
								PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total					
Demolition	4/11/2022	4/15/2022	5	2022	Excavators	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Demolition	4/11/2022	4/15/2022	5	2022	Sweepers/Scrubbers	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Site Preparation	4/18/2022	4/22/2022	5	2022	Rubber Tired Dozers	1	8	0.75		0.75	0.41	0.41		1.57		1.57	0.86	0.86		0.00		0.00		0.00
Site Preparation	4/18/2022	4/22/2022	5	2022	Tractors/Loaders/Backhoes	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Site Preparation	4/18/2022	4/22/2022	5	2022	Sweepers/Scrubbers	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Grading	4/25/2022	5/20/2022	20	2022	Graders	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Grading	4/25/2022	5/20/2022	20	2022	Tractors/Loaders/Backhoes	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Grading	4/25/2022	5/20/2022	20	2022	Sweepers/Scrubbers	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Building Construction	5/23/2022	2/1/2023	183	2022	Other Construction Equipment	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Building Construction	5/23/2022	2/1/2023	183	2022	Skid Steer Loaders	2	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Building Construction	5/23/2022	2/1/2023	183	2022	Tractors/Loaders/Backhoes	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Building Construction	5/23/2022	2/1/2023	183	2022	Sweepers/Scrubbers	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Paving	2/2/2023	3/1/2023	20	2023	Other Construction Equipment	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Paving	2/2/2023	3/1/2023	20	2023	Pavers	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Paving	2/2/2023	3/1/2023	20	2023	Sweepers/Scrubbers	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	
Paving	2/2/2023	3/1/2023	20	2023	Tractors/Loaders/Backhoes	1	8	0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00	

1) Includes dust control measure of watering exposed area

**Grading Fugitive Dust Emissions**

Phase Name	Start	End	# of Workdays	First Year of CSTN	Equipment Type	Equipment					
						# of Equipment	Usage (hours/day)	Acres per 8-hr day	Scaling Factor	Acres per day	Daily VMT
Demolition	4/11/2022	4/15/2022	5	2022	Excavators	1	8	0.00	8.00	0.00	0.00
Demolition	4/11/2022	4/15/2022	5	2022	Sweepers/Scrubbers	1	8	0.00	8.00	0.00	0.00
Site Preparation	4/18/2022	4/22/2022	5	2022	Rubber Tired Dozers	1	8	0.50	8.00	0.50	0.34
Site Preparation	4/18/2022	4/22/2022	5	2022	Tractors/Loaders/Backhoes	1	8	0.00	8.00	0.00	0.00
Site Preparation	4/18/2022	4/22/2022	5	2022	Sweepers/Scrubbers	1	8	0.00	8.00	0.00	0.00
Grading	4/25/2022	5/20/2022	20	2022	Graders	1	8	0.50	8.00	0.50	0.34
Grading	4/25/2022	5/20/2022	20	2022	Tractors/Loaders/Backhoes	1	8	0.00	8.00	0.00	0.00
Grading	4/25/2022	5/20/2022	20	2022	Sweepers/Scrubbers	1	8	0.00	8.00	0.00	0.00
Building Construction	5/23/2022	2/1/2023	183	2022	Other Construction Equipment	1	8	0.00	8.00	0.00	0.00
Building Construction	5/23/2022	2/1/2023	183	2022	Skid Steer Loaders	2	8	0.00	8.00	0.00	0.00
Building Construction	5/23/2022	2/1/2023	183	2022	Tractors/Loaders/Backhoes	1	8	0.00	8.00	0.00	0.00
Building Construction	5/23/2022	2/1/2023	183	2022	Sweepers/Scrubbers	1	8	0.00	8.00	0.00	0.00
Paving	2/2/2023	3/1/2023	20	2023	Other Construction Equipment	1	8	0.00	8.00	0.00	0.00
Paving	2/2/2023	3/1/2023	20	2023	Pavers	1	8	0.00	8.00	0.00	0.00
Paving	2/2/2023	3/1/2023	20	2023	Sweepers/Scrubbers	1	8	0.00	8.00	0.00	0.00
Paving	2/2/2023	3/1/2023	20	2023	Tractors/Loaders/Backhoes	1	8	0.00	8.00	0.00	0.00

1) Includes dust control  
measure of watering  
exposed area

Grading Fugitive Dust Emis	Emission Factor (lb/VMT)						Emissions (lb/day) <sup>1</sup>					
	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total
Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Site Preparation	1.54		1.54	0.17		0.17	0.14		0.14	0.01		0.01
Site Preparation	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Site Preparation	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Grading	1.54		1.54	0.17		0.17	0.14		0.14	0.01		0.01
Grading	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Grading	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Building Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Building Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Building Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Building Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00

1) Includes dust control  
measure of watering  
exposed area

**Worker Offsite**

							Running Exhaust Emission Factor (g/mile)												
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Worker Trips/day		Trip Length (mi)	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub>		PM <sub>2.5</sub>		CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	
					(In/Out)							Fugitive	Exhaust	Fugitive	Exhaust				
Demolition	4/11/2022	4/15/2022	5	2022	48	15	0.024	0.102	1.288	0.003	0.317	0.002	0.319	0.079	0.002	0.081	332.013	0.006	0.008
Site Preparation	4/18/2022	4/22/2022	5	2022	40	15	0.024	0.102	1.288	0.003	0.317	0.002	0.319	0.079	0.002	0.081	332.013	0.006	0.008
Grading	4/25/2022	5/20/2022	20	2022	40	15	0.024	0.102	1.288	0.003	0.317	0.002	0.319	0.079	0.002	0.081	332.013	0.006	0.008
Building Construction	5/23/2022	2/1/2023	183	2022	80	15	0.024	0.102	1.288	0.003	0.317	0.002	0.319	0.079	0.002	0.081	332.013	0.006	0.008
Paving	2/2/2023	3/1/2023	20	2023	40	15	0.021	0.091	1.191	0.003	0.317	0.002	0.319	0.079	0.002	0.080	328.417	0.005	0.007

1) Accounts for all exhaust and evaporative processes

**Worker Offsite**

							Non-Running Emission Factors (g/trip) <sup>1</sup>												
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Worker Trips/day (In/Out)	Trip Length (mi)	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
							Demolition	4/11/2022	4/15/2022	5	2022	48	15	1.376	0.367	4.253	0.001	0.000	0.003
Site Preparation	4/18/2022	4/22/2022	5	2022	40	15	1.376	0.367	4.253	0.001	0.000	0.003	0.003	0.000	0.002	0.002	82.428	0.092	0.037
Grading	4/25/2022	5/20/2022	20	2022	40	15	1.376	0.367	4.253	0.001	0.000	0.003	0.003	0.000	0.002	0.002	82.428	0.092	0.037
Building Construction	5/23/2022	2/1/2023	183	2022	80	15	1.376	0.367	4.253	0.001	0.000	0.003	0.003	0.000	0.002	0.002	82.428	0.092	0.037
Paving	2/2/2023	3/1/2023	20	2023	40	15	1.313	0.343	3.985	0.001	0.000	0.003	0.003	0.000	0.002	0.002	81.214	0.087	0.036

1) Accounts for all exhaust and evaporative processes

**Worker Offsite**

							Emissions (lb/day)													
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Worker Trips/day		Trip Length (mi)	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub>			PM <sub>2.5</sub>			CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
					(In/Out)							Fugitive	Exhaust	Total	Fugitive	Exhaust	Total			
Demolition	4/11/2022	4/15/2022	5	2022	48	15	0.18	0.20	2.49	0.01	0.50	0.00	0.51	0.13	0.00	0.13	535.74	0.02	0.02	
Site Preparation	4/18/2022	4/22/2022	5	2022	40	15	0.15	0.17	2.08	0.00	0.42	0.00	0.42	0.10	0.00	0.11	446.45	0.02	0.01	
Grading	4/25/2022	5/20/2022	20	2022	40	15	0.15	0.17	2.08	0.00	0.42	0.00	0.42	0.10	0.00	0.11	446.45	0.02	0.01	
Building Construction	5/23/2022	2/1/2023	183	2022	80	15	0.31	0.33	4.16	0.01	0.84	0.01	0.84	0.21	0.01	0.21	892.90	0.03	0.03	
Paving	2/2/2023	3/1/2023	20	2023	40	15	0.14	0.15	1.93	0.00	0.42	0.00	0.42	0.10	0.00	0.11	441.59	0.01	0.01	

1) Accounts for all exhaust and evaporative processes



<b>Worker Offsite</b>							<b>Total MT</b>			
<b>Phase Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total Days</b>	<b>Year</b>	<b># of One-way</b>		<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>N<sub>2</sub>O</b>	<b>CO<sub>2</sub>e</b>
					<b>Worker Trips/day</b>	<b>Trip Length (mi)</b>				
Demolition	4/11/2022	4/15/2022	5	2022	48	15	1.22	0.00	0.00	1.23
Site Preparation	4/18/2022	4/22/2022	5	2022	40	15	1.01	0.00	0.00	1.02
Grading	4/25/2022	5/20/2022	20	2022	40	15	4.05	0.00	0.00	4.09
Building Construction	5/23/2022	2/1/2023	183	2022	80	15	74.12	0.00	0.00	74.87
Paving	2/2/2023	3/1/2023	20	2023	40	15	4.01	0.00	0.00	4.04

1) Accounts for all exhaust and evaporative processes

**Vendor Onsite**

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day	
					(In/Out)	Trip Length (mi) <sup>1</sup>
Demolition	4/11/22	4/15/22	5	2022	20	0.24
Site Preparation	4/18/22	4/22/22	5	2022	20	0.24
Grading	4/25/22	5/20/22	20	2022	22	0.24
Building Construction	5/23/22	2/1/23	183	2022	56	0.24
Paving	2/2/23	3/1/23	20	2023	30	0.24

- 1) Accounts for all exhaust and evaporative processes
- 2) Includes dust control measure of watering exposed areas

Vendor Onsite							Running Exhaust Emission Factor (g/mile)												
							ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi) <sup>1</sup>													
Demolition	4/11/22	4/15/22	5	2022	20	0.24	0.339	8.398	1.226	0.028	236.014	0.044	236.058	23.488	0.042	23.530	2947.357	0.016	0.464
Site Preparation	4/18/22	4/22/22	5	2022	20	0.24	0.339	8.398	1.226	0.028	236.014	0.044	236.058	23.488	0.042	23.530	2947.357	0.016	0.464
Grading	4/25/22	5/20/22	20	2022	22	0.24	0.339	8.398	1.226	0.028	236.014	0.044	236.058	23.488	0.042	23.530	2947.357	0.016	0.464
Building Construction	5/23/22	2/1/23	183	2022	56	0.24	0.339	8.398	1.226	0.028	236.014	0.044	236.058	23.488	0.042	23.530	2947.357	0.016	0.464
Paving	2/2/23	3/1/23	20	2023	30	0.24	0.193	7.579	0.883	0.027	236.012	0.034	236.046	23.488	0.033	23.521	2885.585	0.009	0.455

1) Accounts for all exhaust and evaporative processes  
 2) Includes dust control measure of watering exposed areas

Vendor Onsite							Non-Running Emission Factors (g/trip) <sup>1</sup>												
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi) <sup>1</sup>	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
Demolition	4/11/22	4/15/22	5	2022	20	0.24	0.190	4.819	2.758	0.005	0.000	0.003	0.003	0.000	0.003	0.003	539.415	0.009	0.085
Site Preparation	4/18/22	4/22/22	5	2022	20	0.24	0.190	4.819	2.758	0.005	0.000	0.003	0.003	0.000	0.003	0.003	539.415	0.009	0.085
Grading	4/25/22	5/20/22	20	2022	22	0.24	0.190	4.819	2.758	0.005	0.000	0.003	0.003	0.000	0.003	0.003	539.415	0.009	0.085
Building Construction	5/23/22	2/1/23	183	2022	56	0.24	0.190	4.819	2.758	0.005	0.000	0.003	0.003	0.000	0.003	0.003	539.415	0.009	0.085
Paving	2/2/23	3/1/23	20	2023	30	0.24	0.188	4.668	2.904	0.005	0.000	0.002	0.002	0.000	0.002	0.002	516.933	0.009	0.081

1) Accounts for all exhaust and evaporative processes  
 2) Includes dust control measure of watering exposed areas

Vendor Onsite

							Emissions (lb/day)												
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi) <sup>1</sup>	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
							Demolition	4/11/22	4/15/22	5	2022	20	0.24	0.01	0.30	0.13	0.00	0.65	0.00
Site Preparation	4/18/22	4/22/22	5	2022	20	0.24	0.01	0.30	0.13	0.00	0.65	0.00	0.65	0.06	0.00	0.07	54.97	0.00	0.01
Grading	4/25/22	5/20/22	20	2022	22	0.24	0.01	0.33	0.15	0.00	0.71	0.00	0.71	0.07	0.00	0.07	60.47	0.00	0.01
Building Construction	5/23/22	2/1/23	183	2022	56	0.24	0.03	0.84	0.38	0.00	1.82	0.00	1.82	0.18	0.00	0.18	153.93	0.00	0.02
Paving	2/2/23	3/1/23	20	2023	30	0.24	0.02	0.43	0.21	0.00	0.97	0.00	0.97	0.10	0.00	0.10	79.99	0.00	0.01

1) Accounts for all exhaust and evaporative processes  
 2) Includes dust control measure of watering exposed areas

<b>Vendor Onsite</b>							<b>Total MT</b>			
<b>Phase Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total Days</b>	<b>Year</b>	<b># of One-way Vendor Trips/day (In/Out)</b>	<b>Trip Length (mi)<sup>1</sup></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>N<sub>2</sub>O</b>	<b>CO<sub>2</sub>e</b>
Demolition	4/11/22	4/15/22	5	2022	20	0.24	0.12	0.00	0.00	0.13
Site Preparation	4/18/22	4/22/22	5	2022	20	0.24	0.12	0.00	0.00	0.13
Grading	4/25/22	5/20/22	20	2022	22	0.24	0.55	0.00	0.00	0.57
Building Construction	5/23/22	2/1/23	183	2022	56	0.24	12.78	0.00	0.00	13.38
Paving	2/2/23	3/1/23	20	2023	30	0.24	0.73	0.00	0.00	0.76

1) Accounts for all exhaust and evaporative processes  
 2) Includes dust control measure of watering exposed areas

Vendor Offsite

							Running Exhaust Emission Factor (g/mile)												
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
							Demolition	4/11/22	4/15/22	5	2022	20	7	0.030	1.912	0.112	0.013	0.385	0.022
Site Preparation	4/18/22	4/22/22	5	2022	20	7	0.030	1.912	0.112	0.013	0.385	0.022	0.407	0.101	0.021	0.122	1354.555	0.001	0.213
Grading	4/25/22	5/20/22	20	2022	22	7	0.030	1.912	0.112	0.013	0.385	0.022	0.407	0.101	0.021	0.122	1354.555	0.001	0.213
Building Construction	5/23/22	2/1/23	183	2022	56	7	0.030	1.912	0.112	0.013	0.385	0.022	0.407	0.101	0.021	0.122	1354.555	0.001	0.213
Paving	2/2/23	3/1/23	20	2023	30	7	0.017	1.416	0.080	0.013	0.384	0.020	0.404	0.101	0.019	0.120	1343.539	0.001	0.212

1) Accounts for all exhaust and evaporative processes

Vendor Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)	Non-Running Emission Factors (g/trip) <sup>1</sup>												
							ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
Demolition	4/11/22	4/15/22	5	2022	20	7	0.190	4.819	2.758	0.005	0.000	0.003	0.003	0.000	0.003	0.003	539.415	0.009	0.085
Site Preparation	4/18/22	4/22/22	5	2022	20	7	0.190	4.819	2.758	0.005	0.000	0.003	0.003	0.000	0.003	0.003	539.415	0.009	0.085
Grading	4/25/22	5/20/22	20	2022	22	7	0.190	4.819	2.758	0.005	0.000	0.003	0.003	0.000	0.003	0.003	539.415	0.009	0.085
Building Construction	5/23/22	2/1/23	183	2022	56	7	0.190	4.819	2.758	0.005	0.000	0.003	0.003	0.000	0.003	0.003	539.415	0.009	0.085
Paving	2/2/23	3/1/23	20	2023	30	7	0.188	4.668	2.904	0.005	0.000	0.002	0.002	0.000	0.002	0.002	516.933	0.009	0.081

1) Accounts for all exhaust and evaporative processes



Vendor Offsite

							Emissions (lb/day)												
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
							Demolition	4/11/22	4/15/22	5	2022	20	7	0.02	0.80	0.16	0.00	0.12	0.01
Site Preparation	4/18/22	4/22/22	5	2022	20	7	0.02	0.80	0.16	0.00	0.12	0.01	0.13	0.03	0.01	0.04	441.87	0.00	0.07
Grading	4/25/22	5/20/22	20	2022	22	7	0.02	0.88	0.17	0.00	0.13	0.01	0.14	0.03	0.01	0.04	486.05	0.00	0.08
Building Construction	5/23/22	2/1/23	183	2022	56	7	0.05	2.25	0.44	0.01	0.33	0.02	0.35	0.09	0.02	0.11	1237.22	0.00	0.19
Paving	2/2/23	3/1/23	20	2023	30	7	0.02	0.96	0.23	0.01	0.18	0.01	0.19	0.05	0.01	0.06	656.21	0.00	0.10

1) Accounts for all exhaust and evaporative processes

**Vendor Offsite**

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)	Total MT			
							CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> e
Demolition	4/11/22	4/15/22	5	2022	20	7	1.00	0.00	0.00	1.05
Site Preparation	4/18/22	4/22/22	5	2022	20	7	1.00	0.00	0.00	1.05
Grading	4/25/22	5/20/22	20	2022	22	7	4.41	0.00	0.00	4.62
Building Construction	5/23/22	2/1/23	183	2022	56	7	102.70	0.00	0.02	107.53
Paving	2/2/23	3/1/23	20	2023	30	7	5.95	0.00	0.00	6.23

1) Accounts for all exhaust and evaporative processes

Haul Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi) <sup>1</sup>	Running Exhaust Emission Factor (g/mile)												
							ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
							Demolition	4/11/22	4/15/22	5	2022	104	0.24	0.34	12.22	1.73	0.03	236.07	0.02
Site Preparation	4/18/22	4/22/22	5	2022	94	0.24	0.34	12.22	1.73	0.03	236.07	0.02	236.09	23.51	0.02	23.53	3462.62	0.02	0.55
Grading	4/25/22	5/20/22	20	2022	88	0.24	0.34	12.22	1.73	0.03	236.07	0.02	236.09	23.51	0.02	23.53	3462.62	0.02	0.55
Building Construction	5/23/22	2/1/23	183	2022	10	0.24	0.34	12.22	1.73	0.03	236.07	0.02	236.09	23.51	0.02	23.53	3462.62	0.02	0.55
Paving	2/2/23	3/1/23	20	2023	0	0.24	0.14	11.34	1.21	0.03	236.06	0.02	236.08	23.50	0.02	23.52	3342.46	0.01	0.53

1) Accounts for all exhaust and evaporative processes

2) Includes dust control measure of watering exposed areas

Haul Onsite

							Non-Running Emission Factors (g/trip) <sup>1</sup>												
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi) <sup>1</sup>	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
							Demolition	4/11/22	4/15/22	5	2022	104	0.24	0.36	7.01	4.94	0.01	0.00	0.00
Site Preparation	4/18/22	4/22/22	5	2022	94	0.24	0.36	7.01	4.94	0.01	0.00	0.00	0.00	0.00	0.00	0.00	892.75	0.02	0.14
Grading	4/25/22	5/20/22	20	2022	88	0.24	0.36	7.01	4.94	0.01	0.00	0.00	0.00	0.00	0.00	0.00	892.75	0.02	0.14
Building Construction	5/23/22	2/1/23	183	2022	10	0.24	0.36	7.01	4.94	0.01	0.00	0.00	0.00	0.00	0.00	0.00	892.75	0.02	0.14
Paving	2/2/23	3/1/23	20	2023	0	0.24	0.36	6.80	5.20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	853.21	0.02	0.13

1) Accounts for all exhaust and evaporative processes

2) Includes dust control measure of watering exposed areas

Haul Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi) <sup>1</sup>	Emissions (lb/day)												Total MT				
							ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2e</sub>
Demolition	4/11/22	4/15/22	5	2022	104	0.24	0.10	2.28	1.23	0.00	3.38	0.00	3.38	0.34	0.00	0.34	395.23	0.00	0.06	0.90	0.00	0.00	0.94
Site Preparation	4/18/22	4/22/22	5	2022	94	0.24	0.09	2.06	1.11	0.00	3.05	0.00	3.05	0.30	0.00	0.31	357.23	0.00	0.06	0.81	0.00	0.00	0.85
Grading	4/25/22	5/20/22	20	2022	88	0.24	0.09	1.93	1.04	0.00	2.86	0.00	2.86	0.28	0.00	0.29	334.43	0.00	0.05	3.03	0.00	0.00	3.18
Building Construction	5/23/22	2/1/23	183	2022	10	0.24	0.01	0.22	0.12	0.00	0.32	0.00	0.32	0.03	0.00	0.03	38.00	0.00	0.01	3.15	0.00	0.00	3.30
Paving	2/2/23	3/1/23	20	2023	0	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1) Accounts for all exhaust and evaporative processes

2) Includes dust control measure of watering exposed areas

Haul Offsite

							Running Exhaust Emission Factor (g/mile)												
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
							Demolition	4/11/22	4/15/22	5	2022	104	20.0	0.03	2.46	0.12	0.02	0.41	0.03
Site Preparation	4/18/22	4/22/22	5	2022	94	20.0	0.03	2.46	0.12	0.02	0.41	0.03	0.44	0.11	0.03	0.14	1617.59	0.00	0.25
Grading	4/25/22	5/20/22	20	2022	88	20.0	0.03	2.46	0.12	0.02	0.41	0.03	0.44	0.11	0.03	0.14	1617.59	0.00	0.25
Building Construction	5/23/22	2/1/23	183	2022	10	20.0	0.03	2.46	0.12	0.02	0.41	0.03	0.44	0.11	0.03	0.14	1617.59	0.00	0.25
Paving	2/2/23	3/1/23	20	2023	0	20.0	0.01	1.83	0.08	0.02	0.41	0.03	0.44	0.11	0.03	0.14	1598.26	0.00	0.25

1) Accounts for all exhaust and evaporative processes

Haul Offsite

							Non-Running Emission Factors (g/trip) <sup>1</sup>												
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
							Demolition	4/11/22	4/15/22	5	2022	104	20.0	0.36	7.01	4.94	0.01	0.00	0.00
Site Preparation	4/18/22	4/22/22	5	2022	94	20.0	0.36	7.01	4.94	0.01	0.00	0.00	0.00	0.00	0.00	0.00	892.75	0.02	0.14
Grading	4/25/22	5/20/22	20	2022	88	20.0	0.36	7.01	4.94	0.01	0.00	0.00	0.00	0.00	0.00	0.00	892.75	0.02	0.14
Building Construction	5/23/22	2/1/23	183	2022	10	20.0	0.36	7.01	4.94	0.01	0.00	0.00	0.00	0.00	0.00	0.00	892.75	0.02	0.14
Paving	2/2/23	3/1/23	20	2023	0	20.0	0.36	6.80	5.20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	853.21	0.02	0.13

1) Accounts for all exhaust and evaporative processes

Haul Offsite

							Emissions (lb/day)												
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub> Fugitive	PM <sub>10</sub> Exhaust	PM <sub>10</sub> Total	PM <sub>2.5</sub> Fugitive	PM <sub>2.5</sub> Exhaust	PM <sub>2.5</sub> Total	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
							Demolition	4/11/22	4/15/22	5	2022	104	20.0	0.22	12.87	1.67	0.07	1.90	0.13
Site Preparation	4/18/22	4/22/22	5	2022	94	20.0	0.20	11.64	1.51	0.07	1.72	0.12	1.84	0.46	0.11	0.57	6889.46	0.01	1.09
Grading	4/25/22	5/20/22	20	2022	88	20.0	0.18	10.89	1.41	0.06	1.61	0.11	1.72	0.43	0.11	0.53	6449.70	0.01	1.02
Building Construction	5/23/22	2/1/23	183	2022	10	20.0	0.02	1.24	0.16	0.01	0.18	0.01	0.20	0.05	0.01	0.06	732.92	0.00	0.12
Paving	2/2/23	3/1/23	20	2023	0	20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1) Accounts for all exhaust and evaporative processes



**Haul Offsite**

							Total MT			
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> e
Demolition	4/11/22	4/15/22	5	2022	104	20.0	17.29	0.00	0.00	18.10
Site Preparation	4/18/22	4/22/22	5	2022	94	20.0	15.63	0.00	0.00	16.36
Grading	4/25/22	5/20/22	20	2022	88	20.0	58.51	0.00	0.01	61.26
Building Construction	5/23/22	2/1/23	183	2022	10	20.0	60.84	0.00	0.01	63.70
Paving	2/2/23	3/1/23	20	2023	0	20.0	0.00	0.00	0.00	0.00

1) Accounts for all exhaust and evaporative processes

Architectural Coating Emissions

Phase Name	Coating Type (Residential, Non-Residential, or Parking)	SF	Residential		Residential		Non-Residential		Non-Residential		Non-Residential		Total Emissions
			Interior EF	Area (SF)	Exterior EF	Exterior Area	Interior EF	Interior Area (SF)	Exterior EF	Exterior Area	Parking EF	Parking Area	
Building Construction	Non-Residential	20,000	50	0	50	0	100	30000	100	10000	100	0.00	185.27
Building Construction	Parking	16,000	50	0	50	0	100	0	100	0	100	960.00	4.45
			50	0	50	0	100	0	100	0	100	0.00	0.00
			50	0	50	0	100	0	100	0	100	0.00	0.00
			50	0	50	0	100	0	100	0	100	0.00	0.00
			50	0	50	0	100	0	100	0	100	0.00	0.00
			50	0	50	0	100	0	100	0	100	0.00	0.00
			50	0	50	0	100	0	100	0	100	0.00	0.00
			50	0	50	0	100	0	100	0	100	0.00	0.00
			50	0	50	0	100	0	100	0	100	0.00	0.00

Phase Name	Start Date	End Date	# of Workdays	Emissions (lb/day)
				ROG
Demolition	4/11/22	4/15/22	5	0.00
Site Preparation	4/18/22	4/22/22	5	0.00
Grading	4/25/22	5/20/22	20	0.00
Building Construction	5/23/22	2/1/23	183	1.04
Paving	2/2/23	3/1/23	20	0.00

**Paving Off-Gassing Emissions**

Phase Name	Acres	Off-Gassing EF (lb/acre)	Total Emissions (lbs)
Paving	0.37	2.62	0.96
	0.00	2.62	0.00
	0.00	2.62	0.00
		2.62	0.00
		2.62	0.00
		2.62	0.00
		2.62	0.00

Phase Name	Start Date	End Date	# of Workdays	Emissions (lb/day)
				ROG
Demolition	4/11/22	4/15/22	5	0.00
Site Preparation	4/18/22	4/22/22	5	0.00
Grading	4/25/22	5/20/22	20	0.00
Building Construction	5/23/22	2/1/23	183	0.00
Paving	2/2/23	3/1/23	20	0.05

**GHG Emissions from Water Consumption**

Location Type	Name	kWh/million gallons <sup>1,2</sup>				Total Water Use
		Supply Water	Treat Water	Distribute Water	Wastewater Treatment	
Air District	Antelope Valley APCD	9,727.00	111.00	1,272.00	1,911.00	11,110.00

Parameters	Value
Water Trucks per day (trucks/day)	4
Total Days (days)	233
Total Water Trucks	932
Water Trucks Capacity (gallons/truck) <sup>3</sup>	4,000
Total Water Consumption (gallons)	3,728,000
Annual Water Consumption (Mgal)	3.73
Annual Electricity Consumption (kWh)	41418.08
Annual Electricity Consumption (MWh)	41.42
LADWP CO <sub>2</sub> e Factor (lb/MWh) <sup>4</sup>	703
<b>Annual GHG Emissions (tons of CO<sub>2</sub>e)</b>	<b>14.55</b>

Notes:

- 1 CalEEMod User's Guide, Appendix D, Table 9.2
- 2 Wastewater treatment not included since water for panel washing will not return to sewer system.
- 3 <https://www.loadkingmfg.com/water-trucks/4000-gallon-water-truck/>
- 4 Based on LADWP power mix for 2022.

**Project Name:** LABOE Slauson Recreation Center

**Project Size (acres)<sup>4</sup>:** 2.3

-Construction Days per week 5

**Dust Control**

Water Exposed Area	Reduction (%)	Truck Trips
Dust Control Reduction (Water 3x per day: 3.2-hr interval)	61%	6
Dust Control Reduction (Water 4x per day: 2.1-hr interval)	74%	8

**Valued used in analysis** 74%

**Onsite Truck Speed (MPH):** 5

-All Equipment >50 HP shall be Tier 4 Final

**Construction Schedule<sup>1,2</sup>**

Phase Name	Start Date	End Date	# of Workdays	# of Worker Trips/day (In/Out) <sup>1</sup>	# of Vendor Trips/day (In/Out) <sup>1</sup>	Total # of One-Way Haul Trucks Trips	One-Way Haul Truck Trips/day (In/Out) <sup>1</sup>
Demolition	4/11/2022	4/15/2022	5	48	20		104
Site Preparation	4/18/2022	4/22/2022	5	40	20		94
Grading	4/25/2022	5/20/2022	20	40	22		88
Building Construction	5/23/2022	2/1/2023	183	80	56		10
Paving	2/2/2023	3/1/2023	20	40	30		0

**Workers<sup>1</sup>**

Phase Name	Number of worker trips (round trips) per day <sup>1</sup>	Roundtrip Miles	# of Worker Trips per day (In/Out)	One-Way Trip Length (miles)
Demolition	24	30	48	15
Site Preparation	20	30	40	15
Grading	20	30	40	15
Building Construction	40	30	80	15
Paving	20	30	40	15

**Vendors<sup>1</sup>**

Phase Name	Number of worker trips (round trips) per day	Roundtrip Miles	# of Worker Trips per day (In/Out)	One-Way Trip Length (miles)
Demolition	5	14	10	7
Site Preparation	5	14	10	7
Grading	5	14	10	7
Building Construction	20	14	40	7
Paving	10	14	20	7

**Haul<sup>1</sup>**

Phase Name	Number of worker trips (round trips) per day	Roundtrip Miles	# of Worker Trips per day (In/Out)	One-Way Trip Length (miles)
Demolition	10	40	20	20
Site Preparation	5	40	10	20
Grading	2	40	4	20
Building Construction	5	40	10	20
Paving	0	40	0	20

**Parking<sup>3</sup>**

Parking Spaces	# of Spaces	SF/space	SF	Acres
Onsite	14	400	5,600	0.13
Offsite	26	400	10,400	0.24
		<b>Total</b>	<b>16,000</b>	<b>0.37</b>

## Notes

- 1 [Data needs responses from applicant](#)
- 2 Building construction includes equipment for architectural coatings
- 3 [Project Description](#)
- 4 Parcel Acreage  
<http://zimas.lacity.org/>

**Import/Export Quantities<sup>1</sup>**

Phase Name	Import (CY)	Export (CY)	Truck Capacity (CY/truck)	# of Trucks Required	# of Trucks Trips (In/Out)	# of Workdays	# of Daily Truck Trips (In/Out)
Demolition	0	18,000	16	1,125	2,250	5	450
Site Preparation	0	1,740	16	109	218	5	44
Grading	0	260	16	17	34	20	2
Building Construction	0	0	16	0	0	183	0
Paving	0	0	16	0	0	20	0

# of Trucks Trips (In/Out)	# of Workdays	# of Daily Truck Trips (In/Out)
2,502	30	84

-Would add 84 trucks trips to the Demolition, Site Preparation and Grading phases.

<sup>1</sup> [Data needs responses from applicant](#)





# Operations AQ Emissions



**Regional Operational Emissions**

<b>SUMMER</b>	<b>ROG</b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>SO<sub>x</sub></b>	<b>PM<sub>10</sub> Total</b>	<b>PM<sub>2.5</sub> Total</b>
<b>Category</b>	<b>Emissions (lb/day)</b>					
Area	0.451	0.000	0.004	0.000	0.000	0.000
Energy	0.005	0.049	0.041	0.000	0.004	0.004
Mobile	1.469	1.972	14.985	0.038	3.133	0.803
Stationary	0.177	0.578	0.643	0.001	0.026	0.026
<b>Total</b>	<b>2.103</b>	<b>2.599</b>	<b>15.673</b>	<b>0.040</b>	<b>3.163</b>	<b>0.833</b>

<b>WINTER</b>	<b>ROG</b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>SO<sub>x</sub></b>	<b>PM<sub>10</sub> Total</b>	<b>PM<sub>2.5</sub> Total</b>
<b>Category</b>	<b>Emissions (lb/day)</b>					
Area	0.451	0.000	0.004	0.000	0.000	0.000
Energy	0.005	0.049	0.041	0.000	0.004	0.004
Mobile	1.435	2.131	13.364	0.037	3.133	0.804
Stationary	0.177	0.578	0.643	0.001	0.026	0.026
<b>Total</b>	<b>2.068</b>	<b>2.758</b>	<b>14.053</b>	<b>0.038</b>	<b>3.163</b>	<b>0.833</b>

<b>MAXIMUM</b>	<b>ROG</b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>SO<sub>x</sub></b>	<b>PM<sub>10</sub> Total</b>	<b>PM<sub>2.5</sub> Total</b>
<b>Category</b>	<b>Emissions (lb/day)</b>					
Area	0.451	0.000	0.004	0.000	0.000	0.000
Energy	0.005	0.049	0.041	0.000	0.004	0.004
Mobile	1.469	2.131	14.985	0.038	3.133	0.804
Stationary	0.177	0.578	0.643	0.001	0.026	0.026
<b>Project Emissions</b>	<b>2.103</b>	<b>2.758</b>	<b>15.673</b>	<b>0.040</b>	<b>3.163</b>	<b>0.833</b>
SCAQMD Regional Thresholds	55	55	550	150	150	55
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

**Regional Operational Emissions**

<b>SUMMER</b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>PM<sub>10</sub> Total</b>	<b>PM<sub>2.5</sub> Total</b>
<b>Category</b>	<b>Emissions (lb/day)</b>			
Area	0.000	0.004	0.000	0.000
Energy	0.049	0.041	0.004	0.004
Mobile	0.099	0.749	0.157	0.040
Stationary	0.578	0.643	0.026	0.026
<b>Total</b>	<b>0.726</b>	<b>1.438</b>	<b>0.186</b>	<b>0.070</b>

<b>WINTER</b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>PM<sub>10</sub> Total</b>	<b>PM<sub>2.5</sub> Total</b>
<b>Category</b>	<b>Emissions (lb/day)</b>			
Area	0.000	0.004	0.000	0.000
Energy	0.049	0.041	0.004	0.004
Mobile	0.107	0.668	0.157	0.040
Stationary	0.578	0.643	0.026	0.026
<b>Total</b>	<b>0.734</b>	<b>1.357</b>	<b>0.186</b>	<b>0.070</b>

<b>MAXIMUM</b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>PM<sub>10</sub> Total</b>	<b>PM<sub>2.5</sub> Total</b>
<b>Category</b>	<b>Emissions (lb/day)</b>			
Area	0.000	0.004	0.000	0.000
Energy	0.049	0.041	0.004	0.004
Mobile	0.107	0.749	0.157	0.040
Stationary	0.578	0.643	0.026	0.026
<b>Project Emissions</b>	<b>0.734</b>	<b>1.438</b>	<b>0.186</b>	<b>0.070</b>
SCAQMD Localized Thresholds	108	1,048	2	2
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

- 1) Localized Thresholds based on a 2.3-acre site with a receptor distance of 25 meters in SRA 1.
- 2) Localized operational emissions estimates assume all of the Area Sources and Energy Sources of emissions occur on-site and 5 percent of emissions from Mobile Sources occur on-site.

LABOE-Slauson Recreation Center-Operations - South Coast AQMD Air District, Summer

**LABOE-Slauson Recreation Center-Operations**  
**South Coast AQMD Air District, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	20.00	1000sqft	2.12	20,000.00	0
Parking Lot	20.00	Space	0.18	8,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	8			<b>Operational Year</b>	2023
<b>Utility Company</b>	Los Angeles Department of Water & Power				
<b>CO2 Intensity (lb/MW hr)</b>	663	<b>CH4 Intensity (lb/MW hr)</b>	0.026	<b>N2O Intensity (lb/MW hr)</b>	0.003

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - GHG emission factors based on LADWPs power mix for 2023.

Land Use - Parcel has total acreage of 2.3 acres.

Vehicle Trips - Trip rate consistent with Traffic Study.

Vehicle Emission Factors - Emission factors updated with EMFAC2021 values.

Vehicle Emission Factors - Emission factors updated with EMFAC2021 values.

Vehicle Emission Factors - Emission factors updated with EMFAC2021 values.

Energy Use - Electricity factors updated to result in annual electricity consumption of 300,000 kWh per year.

Water And Wastewater - Indoor water consumption based on project specific information provided by applicant.

Stationary Sources - Emergency Generators and Fire Pumps - Project would have a 54 HP diesel powered emergency generator, maintenance and testing emissions were analyzed for project

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	4.34	4.64
tblEnergyUse	NT24E	4.94	5.29
tblEnergyUse	T24E	4.71	5.04
tblFleetMix	HHD	0.03	0.03
tblFleetMix	HHD	0.03	0.03
tblFleetMix	LDA	0.55	0.51
tblFleetMix	LDA	0.55	0.51
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.20	0.22
tblFleetMix	LDT2	0.20	0.22
tblFleetMix	LHD1	0.02	0.03
tblFleetMix	LHD1	0.02	0.03
tblFleetMix	LHD2	5.8250e-003	6.6170e-003
tblFleetMix	LHD2	5.8250e-003	6.6170e-003
tblFleetMix	MCY	4.8760e-003	3.3470e-003
tblFleetMix	MCY	4.8760e-003	3.3470e-003
tblFleetMix	MDV	0.12	0.14
tblFleetMix	MDV	0.12	0.14
tblFleetMix	MH	8.6800e-004	8.9400e-004
tblFleetMix	MH	8.6800e-004	8.9400e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.1230e-003	1.0650e-003
tblFleetMix	OBUS	2.1230e-003	1.0650e-003
tblFleetMix	SBUS	7.1000e-004	5.9500e-004
tblFleetMix	SBUS	7.1000e-004	5.9500e-004
tblFleetMix	UBUS	1.7800e-003	1.5260e-003
tblFleetMix	UBUS	1.7800e-003	1.5260e-003

tblLandUse	LotAcreage	0.46	2.12
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.026
tblProjectCharacteristics	CO2IntensityFactor	1227.89	663
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleEF	HHD	0.55	0.16
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.68	5.38
tblVehicleEF	HHD	0.89	0.50
tblVehicleEF	HHD	2.88	4.4560e-003
tblVehicleEF	HHD	4,676.01	868.57
tblVehicleEF	HHD	1,529.62	1,579.68
tblVehicleEF	HHD	9.29	0.05
tblVehicleEF	HHD	14.62	4.28
tblVehicleEF	HHD	1.78	1.79
tblVehicleEF	HHD	19.69	2.62
tblVehicleEF	HHD	9.0010e-003	2.3620e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9470e-003	0.03
tblVehicleEF	HHD	7.9000e-005	2.0000e-006
tblVehicleEF	HHD	8.6120e-003	2.2560e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8400e-003
tblVehicleEF	HHD	5.6890e-003	0.02
tblVehicleEF	HHD	7.3000e-005	1.0000e-006
tblVehicleEF	HHD	9.8000e-005	4.0700e-004
tblVehicleEF	HHD	3.9810e-003	1.0800e-004
tblVehicleEF	HHD	0.43	0.35
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	0.08	0.02

tblVehicleEF	HHD	3.1400e-004	9.2600e-004
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.04	7.7430e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.4000e-004	1.0000e-006
tblVehicleEF	HHD	9.8000e-005	4.0700e-004
tblVehicleEF	HHD	3.9810e-003	1.0800e-004
tblVehicleEF	HHD	0.50	0.53
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	0.17	0.09
tblVehicleEF	HHD	3.1400e-004	9.2600e-004
tblVehicleEF	HHD	0.07	1.0000e-006
tblVehicleEF	HHD	0.52	0.16
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.22	5.31
tblVehicleEF	HHD	0.89	0.50
tblVehicleEF	HHD	2.73	4.2320e-003
tblVehicleEF	HHD	4,953.81	859.25
tblVehicleEF	HHD	1,529.62	1,579.68
tblVehicleEF	HHD	9.29	0.05
tblVehicleEF	HHD	15.09	4.09
tblVehicleEF	HHD	1.68	1.69
tblVehicleEF	HHD	19.68	2.62
tblVehicleEF	HHD	7.5890e-003	2.0730e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9470e-003	0.03
tblVehicleEF	HHD	7.9000e-005	2.0000e-006
tblVehicleEF	HHD	7.2610e-003	1.9800e-003
tblVehicleEF	HHD	0.03	0.03



tblVehicleEF	HHD	8.8170e-003	8.8400e-003
tblVehicleEF	HHD	5.6890e-003	0.02
tblVehicleEF	HHD	7.3000e-005	1.0000e-006
tblVehicleEF	HHD	1.5700e-004	5.2500e-004
tblVehicleEF	HHD	4.1620e-003	1.1500e-004
tblVehicleEF	HHD	0.40	0.36
tblVehicleEF	HHD	1.0800e-004	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.0700e-004	9.4600e-004
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.05	7.6550e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3800e-004	1.0000e-006
tblVehicleEF	HHD	1.5700e-004	5.2500e-004
tblVehicleEF	HHD	4.1620e-003	1.1500e-004
tblVehicleEF	HHD	0.48	0.56
tblVehicleEF	HHD	1.0800e-004	0.00
tblVehicleEF	HHD	0.17	0.09
tblVehicleEF	HHD	3.0700e-004	9.4600e-004
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.59	0.16
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	2.32	5.48
tblVehicleEF	HHD	0.89	0.50
tblVehicleEF	HHD	2.90	4.4890e-003
tblVehicleEF	HHD	4,292.37	881.45
tblVehicleEF	HHD	1,529.62	1,579.68
tblVehicleEF	HHD	9.29	0.05
tblVehicleEF	HHD	13.97	4.54
tblVehicleEF	HHD	1.75	1.76

tblVehicleEF	HHD	19.69	2.62
tblVehicleEF	HHD	0.01	2.7610e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9470e-003	0.03
tblVehicleEF	HHD	7.9000e-005	2.0000e-006
tblVehicleEF	HHD	0.01	2.6370e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8400e-003
tblVehicleEF	HHD	5.6890e-003	0.02
tblVehicleEF	HHD	7.3000e-005	1.0000e-006
tblVehicleEF	HHD	9.1000e-005	4.0500e-004
tblVehicleEF	HHD	4.2250e-003	1.0700e-004
tblVehicleEF	HHD	0.46	0.32
tblVehicleEF	HHD	6.7000e-005	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.4100e-004	9.7100e-004
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.04	7.8650e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.4000e-004	1.0000e-006
tblVehicleEF	HHD	9.1000e-005	4.0500e-004
tblVehicleEF	HHD	4.2250e-003	1.0700e-004
tblVehicleEF	HHD	0.54	0.50
tblVehicleEF	HHD	6.7000e-005	0.00
tblVehicleEF	HHD	0.17	0.09
tblVehicleEF	HHD	3.4100e-004	9.7100e-004
tblVehicleEF	HHD	0.07	1.0000e-006
tblVehicleEF	LDA	4.2620e-003	2.7240e-003
tblVehicleEF	LDA	4.4750e-003	0.07
tblVehicleEF	LDA	0.57	0.78

tblVehicleEF	LDA	1.00	3.03
tblVehicleEF	LDA	253.24	274.68
tblVehicleEF	LDA	54.67	67.78
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.06	0.25
tblVehicleEF	LDA	0.04	8.0380e-003
tblVehicleEF	LDA	1.9480e-003	1.4590e-003
tblVehicleEF	LDA	2.2420e-003	2.0830e-003
tblVehicleEF	LDA	0.02	2.8130e-003
tblVehicleEF	LDA	1.7950e-003	1.3430e-003
tblVehicleEF	LDA	2.0620e-003	1.9150e-003
tblVehicleEF	LDA	0.04	0.31
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.32
tblVehicleEF	LDA	2.5360e-003	2.7150e-003
tblVehicleEF	LDA	5.6300e-004	6.7000e-004
tblVehicleEF	LDA	0.04	0.31
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.35
tblVehicleEF	LDA	4.5690e-003	2.8310e-003
tblVehicleEF	LDA	3.9690e-003	0.06
tblVehicleEF	LDA	0.64	0.95
tblVehicleEF	LDA	0.86	2.58
tblVehicleEF	LDA	266.82	289.20
tblVehicleEF	LDA	54.67	66.93

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.06	0.23
tblVehicleEF	LDA	0.04	8.0380e-003
tblVehicleEF	LDA	1.9480e-003	1.4590e-003
tblVehicleEF	LDA	2.2420e-003	2.0830e-003
tblVehicleEF	LDA	0.02	2.8130e-003
tblVehicleEF	LDA	1.7950e-003	1.3430e-003
tblVehicleEF	LDA	2.0620e-003	1.9150e-003
tblVehicleEF	LDA	0.06	0.37
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.05	0.28
tblVehicleEF	LDA	2.6730e-003	2.8590e-003
tblVehicleEF	LDA	5.6100e-004	6.6200e-004
tblVehicleEF	LDA	0.06	0.37
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.06	0.31
tblVehicleEF	LDA	4.1700e-003	2.6980e-003
tblVehicleEF	LDA	4.5790e-003	0.07
tblVehicleEF	LDA	0.55	0.73
tblVehicleEF	LDA	1.03	3.13
tblVehicleEF	LDA	248.85	269.98
tblVehicleEF	LDA	54.67	67.96
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.06	0.25
tblVehicleEF	LDA	0.04	8.0380e-003

tblVehicleEF	LDA	1.9480e-003	1.4590e-003
tblVehicleEF	LDA	2.2420e-003	2.0830e-003
tblVehicleEF	LDA	0.02	2.8130e-003
tblVehicleEF	LDA	1.7950e-003	1.3430e-003
tblVehicleEF	LDA	2.0620e-003	1.9150e-003
tblVehicleEF	LDA	0.03	0.30
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.33
tblVehicleEF	LDA	2.4920e-003	2.6690e-003
tblVehicleEF	LDA	5.6400e-004	6.7200e-004
tblVehicleEF	LDA	0.03	0.30
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.36
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	1.36	2.06
tblVehicleEF	LDT1	2.49	6.01
tblVehicleEF	LDT1	319.06	348.44
tblVehicleEF	LDT1	67.76	89.48
tblVehicleEF	LDT1	0.13	0.19
tblVehicleEF	LDT1	0.15	0.44
tblVehicleEF	LDT1	0.04	0.01
tblVehicleEF	LDT1	2.9770e-003	2.6600e-003
tblVehicleEF	LDT1	3.2520e-003	3.4270e-003
tblVehicleEF	LDT1	0.02	3.5860e-003

tblVehicleEF	LDT1	2.7410e-003	2.4480e-003
tblVehicleEF	LDT1	2.9900e-003	3.1510e-003
tblVehicleEF	LDT1	0.13	0.81
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.16	0.61
tblVehicleEF	LDT1	0.17	0.63
tblVehicleEF	LDT1	3.2070e-003	3.4450e-003
tblVehicleEF	LDT1	7.2100e-004	8.8500e-004
tblVehicleEF	LDT1	0.13	0.81
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.04	0.07
tblVehicleEF	LDT1	0.16	0.61
tblVehicleEF	LDT1	0.19	0.69
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	1.50	2.48
tblVehicleEF	LDT1	2.12	5.11
tblVehicleEF	LDT1	334.98	365.16
tblVehicleEF	LDT1	67.76	87.79
tblVehicleEF	LDT1	0.11	0.16
tblVehicleEF	LDT1	0.14	0.41
tblVehicleEF	LDT1	0.04	0.01
tblVehicleEF	LDT1	2.9770e-003	2.6600e-003
tblVehicleEF	LDT1	3.2520e-003	3.4270e-003
tblVehicleEF	LDT1	0.02	3.5860e-003
tblVehicleEF	LDT1	2.7410e-003	2.4480e-003
tblVehicleEF	LDT1	2.9900e-003	3.1510e-003
tblVehicleEF	LDT1	0.21	0.97

tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.15	0.62
tblVehicleEF	LDT1	0.15	0.56
tblVehicleEF	LDT1	3.3680e-003	3.6100e-003
tblVehicleEF	LDT1	7.1500e-004	8.6800e-004
tblVehicleEF	LDT1	0.21	0.97
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.05	0.07
tblVehicleEF	LDT1	0.15	0.62
tblVehicleEF	LDT1	0.16	0.61
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	1.31	1.93
tblVehicleEF	LDT1	2.56	6.20
tblVehicleEF	LDT1	313.74	342.87
tblVehicleEF	LDT1	67.76	89.82
tblVehicleEF	LDT1	0.12	0.19
tblVehicleEF	LDT1	0.15	0.45
tblVehicleEF	LDT1	0.04	0.01
tblVehicleEF	LDT1	2.9770e-003	2.6600e-003
tblVehicleEF	LDT1	3.2520e-003	3.4270e-003
tblVehicleEF	LDT1	0.02	3.5860e-003
tblVehicleEF	LDT1	2.7410e-003	2.4480e-003
tblVehicleEF	LDT1	2.9900e-003	3.1510e-003
tblVehicleEF	LDT1	0.12	0.79
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.05

tblVehicleEF	LDT1	0.19	0.63
tblVehicleEF	LDT1	0.17	0.65
tblVehicleEF	LDT1	3.1530e-003	3.3900e-003
tblVehicleEF	LDT1	7.2200e-004	8.8800e-004
tblVehicleEF	LDT1	0.12	0.79
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.04	0.07
tblVehicleEF	LDT1	0.19	0.63
tblVehicleEF	LDT1	0.19	0.71
tblVehicleEF	LDT2	5.9480e-003	3.7550e-003
tblVehicleEF	LDT2	5.6730e-003	0.08
tblVehicleEF	LDT2	0.75	0.99
tblVehicleEF	LDT2	1.24	3.59
tblVehicleEF	LDT2	356.06	358.97
tblVehicleEF	LDT2	75.77	88.22
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.04	9.7210e-003
tblVehicleEF	LDT2	1.9880e-003	1.5600e-003
tblVehicleEF	LDT2	2.3560e-003	2.1550e-003
tblVehicleEF	LDT2	0.02	3.4020e-003
tblVehicleEF	LDT2	1.8280e-003	1.4350e-003
tblVehicleEF	LDT2	2.1660e-003	1.9820e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.08	0.38
tblVehicleEF	LDT2	3.5660e-003	3.5480e-003



tblVehicleEF	LDT2	7.7800e-004	8.7200e-004
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.08	0.42
tblVehicleEF	LDT2	6.3690e-003	3.8990e-003
tblVehicleEF	LDT2	5.0330e-003	0.07
tblVehicleEF	LDT2	0.83	1.19
tblVehicleEF	LDT2	1.06	3.06
tblVehicleEF	LDT2	374.47	374.29
tblVehicleEF	LDT2	75.77	87.24
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	0.04	9.7210e-003
tblVehicleEF	LDT2	1.9880e-003	1.5600e-003
tblVehicleEF	LDT2	2.3560e-003	2.1550e-003
tblVehicleEF	LDT2	0.02	3.4020e-003
tblVehicleEF	LDT2	1.8280e-003	1.4350e-003
tblVehicleEF	LDT2	2.1660e-003	1.9820e-003
tblVehicleEF	LDT2	0.07	0.36
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.07	0.34
tblVehicleEF	LDT2	3.7510e-003	3.7000e-003
tblVehicleEF	LDT2	7.7500e-004	8.6300e-004
tblVehicleEF	LDT2	0.07	0.36
tblVehicleEF	LDT2	0.10	0.09

tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.07	0.37
tblVehicleEF	LDT2	5.8200e-003	3.7190e-003
tblVehicleEF	LDT2	5.8050e-003	0.08
tblVehicleEF	LDT2	0.72	0.92
tblVehicleEF	LDT2	1.27	3.70
tblVehicleEF	LDT2	349.95	353.85
tblVehicleEF	LDT2	75.77	88.43
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.04	9.7210e-003
tblVehicleEF	LDT2	1.9880e-003	1.5600e-003
tblVehicleEF	LDT2	2.3560e-003	2.1550e-003
tblVehicleEF	LDT2	0.02	3.4020e-003
tblVehicleEF	LDT2	1.8280e-003	1.4350e-003
tblVehicleEF	LDT2	2.1660e-003	1.9820e-003
tblVehicleEF	LDT2	0.04	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.22
tblVehicleEF	LDT2	0.08	0.39
tblVehicleEF	LDT2	3.5050e-003	3.4980e-003
tblVehicleEF	LDT2	7.7900e-004	8.7400e-004
tblVehicleEF	LDT2	0.04	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.22

tblVehicleEF	LDT2	0.09	0.43
tblVehicleEF	LHD1	5.2150e-003	5.6720e-003
tblVehicleEF	LHD1	9.8020e-003	5.5600e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.20
tblVehicleEF	LHD1	0.74	0.82
tblVehicleEF	LHD1	2.42	2.09
tblVehicleEF	LHD1	9.02	8.78
tblVehicleEF	LHD1	594.74	586.76
tblVehicleEF	LHD1	31.51	18.17
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.09	0.64
tblVehicleEF	LHD1	0.94	0.45
tblVehicleEF	LHD1	8.6400e-004	6.5700e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.4010e-003
tblVehicleEF	LHD1	9.8040e-003	9.3540e-003
tblVehicleEF	LHD1	8.9300e-004	2.5300e-004
tblVehicleEF	LHD1	8.2600e-004	6.2900e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5390e-003	2.3500e-003
tblVehicleEF	LHD1	9.3560e-003	8.9210e-003
tblVehicleEF	LHD1	8.2100e-004	2.3300e-004
tblVehicleEF	LHD1	3.0350e-003	0.14
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.30	0.19
tblVehicleEF	LHD1	0.24	0.12
tblVehicleEF	LHD1	9.0000e-005	8.6000e-005

tblVehicleEF	LHD1	5.8330e-003	5.7300e-003
tblVehicleEF	LHD1	3.6000e-004	1.8000e-004
tblVehicleEF	LHD1	3.0350e-003	0.14
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	0.00
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.30	0.19
tblVehicleEF	LHD1	0.26	0.13
tblVehicleEF	LHD1	5.2150e-003	5.6900e-003
tblVehicleEF	LHD1	0.01	5.6630e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.20
tblVehicleEF	LHD1	0.75	0.83
tblVehicleEF	LHD1	2.30	2.00
tblVehicleEF	LHD1	9.02	8.78
tblVehicleEF	LHD1	594.74	586.79
tblVehicleEF	LHD1	31.51	18.01
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.02	0.60
tblVehicleEF	LHD1	0.91	0.43
tblVehicleEF	LHD1	8.6400e-004	6.5700e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.4010e-003
tblVehicleEF	LHD1	9.8040e-003	9.3540e-003
tblVehicleEF	LHD1	8.9300e-004	2.5300e-004
tblVehicleEF	LHD1	8.2600e-004	6.2900e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5390e-003	2.3500e-003
tblVehicleEF	LHD1	9.3560e-003	8.9210e-003
tblVehicleEF	LHD1	8.2100e-004	2.3300e-004

tblVehicleEF	LHD1	4.7330e-003	0.17
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.7000e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.29	0.20
tblVehicleEF	LHD1	0.23	0.11
tblVehicleEF	LHD1	9.0000e-005	8.6000e-005
tblVehicleEF	LHD1	5.8330e-003	5.7300e-003
tblVehicleEF	LHD1	3.5800e-004	1.7800e-004
tblVehicleEF	LHD1	4.7330e-003	0.17
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.7000e-003	0.00
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.29	0.20
tblVehicleEF	LHD1	0.25	0.12
tblVehicleEF	LHD1	5.2150e-003	5.6690e-003
tblVehicleEF	LHD1	9.7560e-003	5.5380e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.20
tblVehicleEF	LHD1	0.73	0.81
tblVehicleEF	LHD1	2.43	2.11
tblVehicleEF	LHD1	9.02	8.78
tblVehicleEF	LHD1	594.74	586.76
tblVehicleEF	LHD1	31.51	18.19
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.07	0.63
tblVehicleEF	LHD1	0.95	0.45
tblVehicleEF	LHD1	8.6400e-004	6.5700e-004
tblVehicleEF	LHD1	0.08	0.08

tblVehicleEF	LHD1	0.01	9.4010e-003
tblVehicleEF	LHD1	9.8040e-003	9.3540e-003
tblVehicleEF	LHD1	8.9300e-004	2.5300e-004
tblVehicleEF	LHD1	8.2600e-004	6.2900e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5390e-003	2.3500e-003
tblVehicleEF	LHD1	9.3560e-003	8.9210e-003
tblVehicleEF	LHD1	8.2100e-004	2.3300e-004
tblVehicleEF	LHD1	3.0640e-003	0.14
tblVehicleEF	LHD1	0.11	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7650e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.32	0.20
tblVehicleEF	LHD1	0.24	0.12
tblVehicleEF	LHD1	9.0000e-005	8.6000e-005
tblVehicleEF	LHD1	5.8330e-003	5.7290e-003
tblVehicleEF	LHD1	3.6100e-004	1.8000e-004
tblVehicleEF	LHD1	3.0640e-003	0.14
tblVehicleEF	LHD1	0.11	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7650e-003	0.00
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.32	0.20
tblVehicleEF	LHD1	0.26	0.13
tblVehicleEF	LHD2	3.6920e-003	3.9370e-003
tblVehicleEF	LHD2	3.6770e-003	4.3560e-003
tblVehicleEF	LHD2	7.3690e-003	0.02
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.32	0.47
tblVehicleEF	LHD2	1.21	1.35

tblVehicleEF	LHD2	13.71	13.39
tblVehicleEF	LHD2	607.87	641.89
tblVehicleEF	LHD2	26.42	11.75
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.68	0.82
tblVehicleEF	LHD2	0.50	0.30
tblVehicleEF	LHD2	1.1660e-003	1.1990e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.0030e-003	0.01
tblVehicleEF	LHD2	4.2200e-004	1.3000e-004
tblVehicleEF	LHD2	1.1160e-003	1.1470e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6120e-003
tblVehicleEF	LHD2	8.6000e-003	0.01
tblVehicleEF	LHD2	3.8800e-004	1.2000e-004
tblVehicleEF	LHD2	1.0790e-003	0.09
tblVehicleEF	LHD2	0.03	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.9700e-004	0.00
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	1.3400e-004	1.2900e-004
tblVehicleEF	LHD2	5.9190e-003	6.1980e-003
tblVehicleEF	LHD2	2.8600e-004	1.1600e-004
tblVehicleEF	LHD2	1.0790e-003	0.09
tblVehicleEF	LHD2	0.03	0.02
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	6.9700e-004	0.00
tblVehicleEF	LHD2	0.05	0.08

tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.11	0.08
tblVehicleEF	LHD2	3.6920e-003	3.9490e-003
tblVehicleEF	LHD2	3.7200e-003	4.3920e-003
tblVehicleEF	LHD2	7.1240e-003	0.02
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.32	0.48
tblVehicleEF	LHD2	1.16	1.29
tblVehicleEF	LHD2	13.71	13.39
tblVehicleEF	LHD2	607.87	641.90
tblVehicleEF	LHD2	26.42	11.65
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.64	0.78
tblVehicleEF	LHD2	0.49	0.29
tblVehicleEF	LHD2	1.1660e-003	1.1990e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.0030e-003	0.01
tblVehicleEF	LHD2	4.2200e-004	1.3000e-004
tblVehicleEF	LHD2	1.1160e-003	1.1470e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6120e-003
tblVehicleEF	LHD2	8.6000e-003	0.01
tblVehicleEF	LHD2	3.8800e-004	1.2000e-004
tblVehicleEF	LHD2	1.6790e-003	0.10
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0330e-003	0.00
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.10	0.07



tblVehicleEF	LHD2	1.3400e-004	1.2900e-004
tblVehicleEF	LHD2	5.9190e-003	6.1980e-003
tblVehicleEF	LHD2	2.8500e-004	1.1500e-004
tblVehicleEF	LHD2	1.6790e-003	0.10
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.0330e-003	0.00
tblVehicleEF	LHD2	0.05	0.08
tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.11	0.08
tblVehicleEF	LHD2	3.6920e-003	3.9350e-003
tblVehicleEF	LHD2	3.6660e-003	4.3480e-003
tblVehicleEF	LHD2	7.4110e-003	0.02
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.32	0.47
tblVehicleEF	LHD2	1.22	1.36
tblVehicleEF	LHD2	13.71	13.39
tblVehicleEF	LHD2	607.87	641.89
tblVehicleEF	LHD2	26.42	11.77
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.67	0.81
tblVehicleEF	LHD2	0.51	0.30
tblVehicleEF	LHD2	1.1660e-003	1.1990e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.0030e-003	0.01
tblVehicleEF	LHD2	4.2200e-004	1.3000e-004
tblVehicleEF	LHD2	1.1160e-003	1.1470e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6120e-003
tblVehicleEF	LHD2	8.6000e-003	0.01

tblVehicleEF	LHD2	3.8800e-004	1.2000e-004
tblVehicleEF	LHD2	1.0460e-003	0.09
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6900e-004	0.00
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.08	0.12
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	1.3400e-004	1.2900e-004
tblVehicleEF	LHD2	5.9190e-003	6.1980e-003
tblVehicleEF	LHD2	2.8600e-004	1.1600e-004
tblVehicleEF	LHD2	1.0460e-003	0.09
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	6.6900e-004	0.00
tblVehicleEF	LHD2	0.05	0.08
tblVehicleEF	LHD2	0.08	0.12
tblVehicleEF	LHD2	0.11	0.08
tblVehicleEF	MCY	0.51	0.19
tblVehicleEF	MCY	0.15	0.18
tblVehicleEF	MCY	18.57	14.68
tblVehicleEF	MCY	9.66	7.24
tblVehicleEF	MCY	183.25	196.02
tblVehicleEF	MCY	44.44	51.31
tblVehicleEF	MCY	1.13	0.58
tblVehicleEF	MCY	0.31	0.15
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.3160e-003	2.1840e-003
tblVehicleEF	MCY	3.5910e-003	3.5520e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.1630e-003	2.0430e-003

tblVehicleEF	MCY	3.3760e-003	3.3430e-003
tblVehicleEF	MCY	1.17	2.15
tblVehicleEF	MCY	0.66	3.61
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.45	1.22
tblVehicleEF	MCY	0.59	3.69
tblVehicleEF	MCY	2.04	1.32
tblVehicleEF	MCY	2.2100e-003	1.9380e-003
tblVehicleEF	MCY	6.6200e-004	5.0700e-004
tblVehicleEF	MCY	1.17	2.15
tblVehicleEF	MCY	0.66	3.61
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	3.06	1.46
tblVehicleEF	MCY	0.59	3.69
tblVehicleEF	MCY	2.22	1.43
tblVehicleEF	MCY	0.50	0.18
tblVehicleEF	MCY	0.13	0.16
tblVehicleEF	MCY	18.11	14.36
tblVehicleEF	MCY	8.87	6.69
tblVehicleEF	MCY	183.25	195.38
tblVehicleEF	MCY	44.44	49.90
tblVehicleEF	MCY	0.98	0.51
tblVehicleEF	MCY	0.29	0.14
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.3160e-003	2.1840e-003
tblVehicleEF	MCY	3.5910e-003	3.5520e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.1630e-003	2.0430e-003
tblVehicleEF	MCY	3.3760e-003	3.3430e-003
tblVehicleEF	MCY	1.97	2.81
tblVehicleEF	MCY	0.78	3.72

tblVehicleEF	MCY	1.23	0.00
tblVehicleEF	MCY	2.40	1.18
tblVehicleEF	MCY	0.56	3.69
tblVehicleEF	MCY	1.82	1.16
tblVehicleEF	MCY	2.2010e-003	1.9320e-003
tblVehicleEF	MCY	6.4300e-004	4.9300e-004
tblVehicleEF	MCY	1.97	2.81
tblVehicleEF	MCY	0.78	3.72
tblVehicleEF	MCY	1.23	0.00
tblVehicleEF	MCY	3.00	1.42
tblVehicleEF	MCY	0.56	3.69
tblVehicleEF	MCY	1.98	1.26
tblVehicleEF	MCY	0.51	0.19
tblVehicleEF	MCY	0.15	0.18
tblVehicleEF	MCY	18.59	14.67
tblVehicleEF	MCY	9.77	7.30
tblVehicleEF	MCY	183.25	196.02
tblVehicleEF	MCY	44.44	51.48
tblVehicleEF	MCY	1.10	0.57
tblVehicleEF	MCY	0.31	0.15
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.3160e-003	2.1840e-003
tblVehicleEF	MCY	3.5910e-003	3.5520e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.1630e-003	2.0430e-003
tblVehicleEF	MCY	3.3760e-003	3.3430e-003
tblVehicleEF	MCY	1.25	2.12
tblVehicleEF	MCY	0.85	3.60
tblVehicleEF	MCY	0.66	0.00
tblVehicleEF	MCY	2.46	1.22
tblVehicleEF	MCY	0.68	3.98

tblVehicleEF	MCY	2.07	1.34
tblVehicleEF	MCY	2.2110e-003	1.9380e-003
tblVehicleEF	MCY	6.6500e-004	5.0900e-004
tblVehicleEF	MCY	1.25	2.12
tblVehicleEF	MCY	0.85	3.60
tblVehicleEF	MCY	0.66	0.00
tblVehicleEF	MCY	3.07	1.47
tblVehicleEF	MCY	0.68	3.98
tblVehicleEF	MCY	2.25	1.46
tblVehicleEF	MDV	0.01	5.6080e-003
tblVehicleEF	MDV	0.01	0.11
tblVehicleEF	MDV	1.17	1.25
tblVehicleEF	MDV	2.30	4.01
tblVehicleEF	MDV	483.05	438.32
tblVehicleEF	MDV	101.29	107.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.20	0.46
tblVehicleEF	MDV	0.04	9.8900e-003
tblVehicleEF	MDV	2.0950e-003	1.6930e-003
tblVehicleEF	MDV	2.4110e-003	2.2920e-003
tblVehicleEF	MDV	0.02	3.4610e-003
tblVehicleEF	MDV	1.9310e-003	1.5610e-003
tblVehicleEF	MDV	2.2170e-003	2.1080e-003
tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.29
tblVehicleEF	MDV	0.17	0.54
tblVehicleEF	MDV	4.8370e-003	4.3310e-003
tblVehicleEF	MDV	1.0530e-003	1.0610e-003

tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.09	0.29
tblVehicleEF	MDV	0.19	0.59
tblVehicleEF	MDV	0.01	5.8220e-003
tblVehicleEF	MDV	0.01	0.10
tblVehicleEF	MDV	1.30	1.50
tblVehicleEF	MDV	1.97	3.42
tblVehicleEF	MDV	507.73	454.86
tblVehicleEF	MDV	101.29	106.17
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.19	0.43
tblVehicleEF	MDV	0.04	9.8900e-003
tblVehicleEF	MDV	2.0950e-003	1.6930e-003
tblVehicleEF	MDV	2.4110e-003	2.2920e-003
tblVehicleEF	MDV	0.02	3.4610e-003
tblVehicleEF	MDV	1.9310e-003	1.5610e-003
tblVehicleEF	MDV	2.2170e-003	2.1080e-003
tblVehicleEF	MDV	0.12	0.47
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.30
tblVehicleEF	MDV	0.15	0.47
tblVehicleEF	MDV	5.0860e-003	4.4940e-003
tblVehicleEF	MDV	1.0470e-003	1.0500e-003
tblVehicleEF	MDV	0.12	0.47
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.11	0.00

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.09	0.30
tblVehicleEF	MDV	0.17	0.52
tblVehicleEF	MDV	0.01	5.5520e-003
tblVehicleEF	MDV	0.01	0.11
tblVehicleEF	MDV	1.12	1.17
tblVehicleEF	MDV	2.36	4.13
tblVehicleEF	MDV	474.94	432.93
tblVehicleEF	MDV	101.29	107.54
tblVehicleEF	MDV	0.12	0.13
tblVehicleEF	MDV	0.21	0.47
tblVehicleEF	MDV	0.04	9.8900e-003
tblVehicleEF	MDV	2.0950e-003	1.6930e-003
tblVehicleEF	MDV	2.4110e-003	2.2920e-003
tblVehicleEF	MDV	0.02	3.4610e-003
tblVehicleEF	MDV	1.9310e-003	1.5610e-003
tblVehicleEF	MDV	2.2170e-003	2.1080e-003
tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.17	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.30
tblVehicleEF	MDV	0.18	0.55
tblVehicleEF	MDV	4.7550e-003	4.2780e-003
tblVehicleEF	MDV	1.0540e-003	1.0630e-003
tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.17	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.30
tblVehicleEF	MDV	0.19	0.60

tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.75	1.37
tblVehicleEF	MH	5.12	2.43
tblVehicleEF	MH	1,098.66	1,549.48
tblVehicleEF	MH	58.67	22.69
tblVehicleEF	MH	1.14	1.35
tblVehicleEF	MH	0.75	0.29
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.0060e-003	3.1100e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2200e-003	3.2870e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	9.2500e-004	2.8600e-004
tblVehicleEF	MH	0.95	33.65
tblVehicleEF	MH	0.06	8.76
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.30	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.7600e-004	2.2400e-004
tblVehicleEF	MH	0.95	33.65
tblVehicleEF	MH	0.06	8.76
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.32	0.12
tblVehicleEF	MH	0.02	0.01



tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.79	1.41
tblVehicleEF	MH	4.82	2.29
tblVehicleEF	MH	1,098.66	1,549.54
tblVehicleEF	MH	58.67	22.45
tblVehicleEF	MH	1.05	1.26
tblVehicleEF	MH	0.72	0.28
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.0060e-003	3.1100e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2200e-003	3.2870e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	9.2500e-004	2.8600e-004
tblVehicleEF	MH	1.47	40.69
tblVehicleEF	MH	0.07	9.28
tblVehicleEF	MH	0.60	0.00
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.28	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.7100e-004	2.2200e-004
tblVehicleEF	MH	1.47	40.69
tblVehicleEF	MH	0.07	9.28
tblVehicleEF	MH	0.60	0.00
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.31	0.12
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.02	0.03

tblVehicleEF	MH	1.73	1.37
tblVehicleEF	MH	5.17	2.45
tblVehicleEF	MH	1,098.66	1,549.46
tblVehicleEF	MH	58.67	22.73
tblVehicleEF	MH	1.12	1.33
tblVehicleEF	MH	0.75	0.29
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.0060e-003	3.1100e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2200e-003	3.2870e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	9.2500e-004	2.8600e-004
tblVehicleEF	MH	1.03	32.97
tblVehicleEF	MH	0.08	8.68
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.30	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.7700e-004	2.2500e-004
tblVehicleEF	MH	1.03	32.97
tblVehicleEF	MH	0.08	8.68
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.33	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.3510e-003	8.8020e-003
tblVehicleEF	MHD	0.05	0.01

tblVehicleEF	MHD	0.34	0.65
tblVehicleEF	MHD	0.28	0.42
tblVehicleEF	MHD	5.31	1.41
tblVehicleEF	MHD	138.31	142.30
tblVehicleEF	MHD	1,125.72	1,209.77
tblVehicleEF	MHD	59.27	12.31
tblVehicleEF	MHD	0.37	0.77
tblVehicleEF	MHD	0.70	0.87
tblVehicleEF	MHD	10.61	1.29
tblVehicleEF	MHD	1.0200e-004	1.6960e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	2.8090e-003	0.01
tblVehicleEF	MHD	7.6600e-004	1.3700e-004
tblVehicleEF	MHD	9.7000e-005	1.6220e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	2.6840e-003	9.5890e-003
tblVehicleEF	MHD	7.0500e-004	1.2600e-004
tblVehicleEF	MHD	1.0820e-003	0.04
tblVehicleEF	MHD	0.04	8.9960e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	6.9100e-004	0.00
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.33	0.07
tblVehicleEF	MHD	1.3310e-003	1.3130e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.8600e-004	1.2200e-004
tblVehicleEF	MHD	1.0820e-003	0.04
tblVehicleEF	MHD	0.04	8.9960e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	6.9100e-004	0.00

tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.36	0.07
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	3.3970e-003	8.8640e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.25	0.59
tblVehicleEF	MHD	0.28	0.42
tblVehicleEF	MHD	5.04	1.34
tblVehicleEF	MHD	146.49	141.63
tblVehicleEF	MHD	1,125.72	1,209.78
tblVehicleEF	MHD	59.27	12.19
tblVehicleEF	MHD	0.38	0.74
tblVehicleEF	MHD	0.66	0.82
tblVehicleEF	MHD	10.58	1.29
tblVehicleEF	MHD	8.6000e-005	1.4380e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	2.8090e-003	0.01
tblVehicleEF	MHD	7.6600e-004	1.3700e-004
tblVehicleEF	MHD	8.2000e-005	1.3760e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	2.6840e-003	9.5890e-003
tblVehicleEF	MHD	7.0500e-004	1.2600e-004
tblVehicleEF	MHD	1.6890e-003	0.04
tblVehicleEF	MHD	0.04	9.4530e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	1.0300e-003	0.00
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.31	0.06
tblVehicleEF	MHD	1.4080e-003	1.3070e-003

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.8100e-004	1.2100e-004
tblVehicleEF	MHD	1.6890e-003	0.04
tblVehicleEF	MHD	0.04	9.4530e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	1.0300e-003	0.00
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.34	0.07
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.3370e-003	8.7830e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.47	0.75
tblVehicleEF	MHD	0.28	0.42
tblVehicleEF	MHD	5.36	1.42
tblVehicleEF	MHD	126.99	143.22
tblVehicleEF	MHD	1,125.72	1,209.76
tblVehicleEF	MHD	59.27	12.33
tblVehicleEF	MHD	0.35	0.79
tblVehicleEF	MHD	0.68	0.86
tblVehicleEF	MHD	10.62	1.29
tblVehicleEF	MHD	1.2400e-004	2.0520e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	2.8090e-003	0.01
tblVehicleEF	MHD	7.6600e-004	1.3700e-004
tblVehicleEF	MHD	1.1900e-004	1.9620e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	2.6840e-003	9.5890e-003
tblVehicleEF	MHD	7.0500e-004	1.2600e-004
tblVehicleEF	MHD	1.0540e-003	0.04
tblVehicleEF	MHD	0.05	8.9130e-003

tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.6300e-004	0.00
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.33	0.07
tblVehicleEF	MHD	1.2250e-003	1.3220e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.8600e-004	1.2200e-004
tblVehicleEF	MHD	1.0540e-003	0.04
tblVehicleEF	MHD	0.05	8.9130e-003
tblVehicleEF	MHD	0.04	0.05
tblVehicleEF	MHD	6.6300e-004	0.00
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.36	0.07
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	6.0000e-003	0.04
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.25	0.56
tblVehicleEF	OBUS	0.44	0.97
tblVehicleEF	OBUS	5.22	2.79
tblVehicleEF	OBUS	91.95	81.27
tblVehicleEF	OBUS	1,222.80	1,506.67
tblVehicleEF	OBUS	68.36	22.89
tblVehicleEF	OBUS	0.19	0.31
tblVehicleEF	OBUS	0.63	1.11
tblVehicleEF	OBUS	2.35	0.70
tblVehicleEF	OBUS	1.8000e-005	4.2900e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	2.5040e-003	0.02
tblVehicleEF	OBUS	8.5000e-004	2.1800e-004

tblVehicleEF	OBUS	1.7000e-005	4.1000e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	2.3790e-003	0.02
tblVehicleEF	OBUS	7.8100e-004	2.0000e-004
tblVehicleEF	OBUS	1.5080e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.8700e-004	0.00
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.33	0.14
tblVehicleEF	OBUS	8.8900e-004	7.4000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7500e-004	2.2600e-004
tblVehicleEF	OBUS	1.5080e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	7.8700e-004	0.00
tblVehicleEF	OBUS	0.05	0.10
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.36	0.15
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	6.1100e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.56
tblVehicleEF	OBUS	0.45	0.98
tblVehicleEF	OBUS	4.93	2.64
tblVehicleEF	OBUS	96.41	80.58
tblVehicleEF	OBUS	1,222.80	1,506.69
tblVehicleEF	OBUS	68.36	22.62
tblVehicleEF	OBUS	0.20	0.30

tblVehicleEF	OBUS	0.59	1.03
tblVehicleEF	OBUS	2.31	0.69
tblVehicleEF	OBUS	1.5000e-005	3.6800e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	2.5040e-003	0.02
tblVehicleEF	OBUS	8.5000e-004	2.1800e-004
tblVehicleEF	OBUS	1.4000e-005	3.5200e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	2.3790e-003	0.02
tblVehicleEF	OBUS	7.8100e-004	2.0000e-004
tblVehicleEF	OBUS	2.2910e-003	0.13
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.1730e-003	0.00
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.31	0.13
tblVehicleEF	OBUS	9.3200e-004	7.3400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7000e-004	2.2400e-004
tblVehicleEF	OBUS	2.2910e-003	0.13
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	1.1730e-003	0.00
tblVehicleEF	OBUS	0.05	0.10
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.34	0.14
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	5.9720e-003	0.04
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.25	0.57



tblVehicleEF	OBUS	0.44	0.96
tblVehicleEF	OBUS	5.27	2.82
tblVehicleEF	OBUS	85.78	82.24
tblVehicleEF	OBUS	1,222.80	1,506.66
tblVehicleEF	OBUS	68.36	22.94
tblVehicleEF	OBUS	0.18	0.33
tblVehicleEF	OBUS	0.62	1.08
tblVehicleEF	OBUS	2.35	0.70
tblVehicleEF	OBUS	2.1000e-005	5.1400e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	2.5040e-003	0.02
tblVehicleEF	OBUS	8.5000e-004	2.1800e-004
tblVehicleEF	OBUS	2.0000e-005	4.9100e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	2.3790e-003	0.02
tblVehicleEF	OBUS	7.8100e-004	2.0000e-004
tblVehicleEF	OBUS	1.5020e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.6600e-004	0.00
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.33	0.14
tblVehicleEF	OBUS	8.3000e-004	7.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7600e-004	2.2700e-004
tblVehicleEF	OBUS	1.5020e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	7.6600e-004	0.00
tblVehicleEF	OBUS	0.05	0.10

tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.36	0.15
tblVehicleEF	SBUS	0.83	0.49
tblVehicleEF	SBUS	0.01	1.32
tblVehicleEF	SBUS	0.06	7.3760e-003
tblVehicleEF	SBUS	8.04	2.89
tblVehicleEF	SBUS	0.70	5.28
tblVehicleEF	SBUS	7.18	0.99
tblVehicleEF	SBUS	1,118.19	265.42
tblVehicleEF	SBUS	1,082.51	1,227.58
tblVehicleEF	SBUS	55.02	5.97
tblVehicleEF	SBUS	8.69	1.28
tblVehicleEF	SBUS	3.91	2.80
tblVehicleEF	SBUS	12.13	0.16
tblVehicleEF	SBUS	8.2920e-003	1.8560e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	7.8500e-004	5.6000e-005
tblVehicleEF	SBUS	7.9330e-003	1.7620e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6760e-003	2.5450e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	7.2100e-004	5.1000e-005
tblVehicleEF	SBUS	3.6590e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.96	0.29
tblVehicleEF	SBUS	1.9290e-003	0.00
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.38	0.04

tblVehicleEF	SBUS	0.01	1.3990e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	6.7500e-004	5.9000e-005
tblVehicleEF	SBUS	3.6590e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.38	0.85
tblVehicleEF	SBUS	1.9290e-003	0.00
tblVehicleEF	SBUS	0.12	1.43
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.83	0.49
tblVehicleEF	SBUS	0.01	1.32
tblVehicleEF	SBUS	0.06	6.4840e-003
tblVehicleEF	SBUS	7.94	2.87
tblVehicleEF	SBUS	0.71	5.30
tblVehicleEF	SBUS	5.72	0.78
tblVehicleEF	SBUS	1,168.50	268.77
tblVehicleEF	SBUS	1,082.51	1,227.61
tblVehicleEF	SBUS	55.02	5.63
tblVehicleEF	SBUS	8.97	1.31
tblVehicleEF	SBUS	3.68	2.62
tblVehicleEF	SBUS	12.10	0.16
tblVehicleEF	SBUS	6.9900e-003	1.6260e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	7.8500e-004	5.6000e-005
tblVehicleEF	SBUS	6.6880e-003	1.5420e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6760e-003	2.5450e-003
tblVehicleEF	SBUS	0.02	0.01

tblVehicleEF	SBUS	7.2100e-004	5.1000e-005
tblVehicleEF	SBUS	5.6810e-003	0.06
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.95	0.29
tblVehicleEF	SBUS	2.9530e-003	0.00
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.34	0.04
tblVehicleEF	SBUS	0.01	1.4300e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	6.5000e-004	5.6000e-005
tblVehicleEF	SBUS	5.6810e-003	0.06
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.38	0.85
tblVehicleEF	SBUS	2.9530e-003	0.00
tblVehicleEF	SBUS	0.12	1.43
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.83	0.49
tblVehicleEF	SBUS	0.01	1.32
tblVehicleEF	SBUS	0.07	7.5650e-003
tblVehicleEF	SBUS	8.19	2.90
tblVehicleEF	SBUS	0.70	5.28
tblVehicleEF	SBUS	7.44	1.02
tblVehicleEF	SBUS	1,048.72	260.79
tblVehicleEF	SBUS	1,082.51	1,227.58
tblVehicleEF	SBUS	55.02	6.03
tblVehicleEF	SBUS	8.31	1.23
tblVehicleEF	SBUS	3.85	2.75
tblVehicleEF	SBUS	12.13	0.16
tblVehicleEF	SBUS	0.01	2.1740e-003

tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	7.8500e-004	5.6000e-005
tblVehicleEF	SBUS	9.6530e-003	2.0650e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6760e-003	2.5450e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	7.2100e-004	5.1000e-005
tblVehicleEF	SBUS	3.5200e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.96	0.29
tblVehicleEF	SBUS	1.8620e-003	0.00
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.39	0.04
tblVehicleEF	SBUS	0.01	1.3550e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	6.7900e-004	6.0000e-005
tblVehicleEF	SBUS	3.5200e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.39	0.85
tblVehicleEF	SBUS	1.8620e-003	0.00
tblVehicleEF	SBUS	0.12	1.43
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	UBUS	2.20	2.33
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	9.91	33.70
tblVehicleEF	UBUS	10.15	1.07
tblVehicleEF	UBUS	1,905.83	2,317.92

tblVehicleEF	UBUS	113.27	10.94
tblVehicleEF	UBUS	7.78	0.56
tblVehicleEF	UBUS	14.42	0.12
tblVehicleEF	UBUS	0.58	0.11
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	5.6100e-004
tblVehicleEF	UBUS	1.2130e-003	5.9000e-005
tblVehicleEF	UBUS	0.25	0.04
tblVehicleEF	UBUS	3.0000e-003	7.5460e-003
tblVehicleEF	UBUS	0.09	5.3100e-004
tblVehicleEF	UBUS	1.1150e-003	5.5000e-005
tblVehicleEF	UBUS	5.0170e-003	0.03
tblVehicleEF	UBUS	0.08	9.0500e-003
tblVehicleEF	UBUS	2.8810e-003	0.00
tblVehicleEF	UBUS	0.68	0.04
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.79	0.06
tblVehicleEF	UBUS	9.5330e-003	1.7270e-003
tblVehicleEF	UBUS	1.3160e-003	1.0800e-004
tblVehicleEF	UBUS	5.0170e-003	0.03
tblVehicleEF	UBUS	0.08	9.0500e-003
tblVehicleEF	UBUS	2.8810e-003	0.00
tblVehicleEF	UBUS	2.96	2.38
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.86	0.06
tblVehicleEF	UBUS	2.20	2.33
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	9.96	33.70
tblVehicleEF	UBUS	8.81	0.94
tblVehicleEF	UBUS	1,905.83	2,317.92
tblVehicleEF	UBUS	113.27	10.73

tblVehicleEF	UBUS	7.32	0.56
tblVehicleEF	UBUS	14.36	0.11
tblVehicleEF	UBUS	0.58	0.11
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	5.6100e-004
tblVehicleEF	UBUS	1.2130e-003	5.9000e-005
tblVehicleEF	UBUS	0.25	0.04
tblVehicleEF	UBUS	3.0000e-003	7.5460e-003
tblVehicleEF	UBUS	0.09	5.3100e-004
tblVehicleEF	UBUS	1.1150e-003	5.5000e-005
tblVehicleEF	UBUS	7.4730e-003	0.04
tblVehicleEF	UBUS	0.08	9.5250e-003
tblVehicleEF	UBUS	4.2880e-003	0.00
tblVehicleEF	UBUS	0.69	0.04
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	9.5340e-003	1.7270e-003
tblVehicleEF	UBUS	1.2930e-003	1.0600e-004
tblVehicleEF	UBUS	7.4730e-003	0.04
tblVehicleEF	UBUS	0.08	9.5250e-003
tblVehicleEF	UBUS	4.2880e-003	0.00
tblVehicleEF	UBUS	2.97	2.38
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.79	0.06
tblVehicleEF	UBUS	2.20	2.33
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	9.90	33.70
tblVehicleEF	UBUS	10.35	1.09
tblVehicleEF	UBUS	1,905.83	2,317.92
tblVehicleEF	UBUS	113.27	10.97
tblVehicleEF	UBUS	7.63	0.56

tblVehicleEF	UBUS	14.43	0.12
tblVehicleEF	UBUS	0.58	0.11
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	5.6100e-004
tblVehicleEF	UBUS	1.2130e-003	5.9000e-005
tblVehicleEF	UBUS	0.25	0.04
tblVehicleEF	UBUS	3.0000e-003	7.5460e-003
tblVehicleEF	UBUS	0.09	5.3100e-004
tblVehicleEF	UBUS	1.1150e-003	5.5000e-005
tblVehicleEF	UBUS	5.4520e-003	0.03
tblVehicleEF	UBUS	0.09	8.9960e-003
tblVehicleEF	UBUS	2.9590e-003	0.00
tblVehicleEF	UBUS	0.68	0.04
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.80	0.06
tblVehicleEF	UBUS	9.5330e-003	1.7270e-003
tblVehicleEF	UBUS	1.3200e-003	1.0800e-004
tblVehicleEF	UBUS	5.4520e-003	0.03
tblVehicleEF	UBUS	0.09	8.9960e-003
tblVehicleEF	UBUS	2.9590e-003	0.00
tblVehicleEF	UBUS	2.96	2.38
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.88	0.06
tblVehicleTrips	ST_TR	0.00	25.70
tblVehicleTrips	SU_TR	0.00	25.70
tblVehicleTrips	WD_TR	27.92	25.70
tblWater	IndoorWaterUseRate	3,973,193.72	420,000.00





## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4693	1.9717	14.9850	0.0384	3.1040	0.0288	3.1329	0.7764	0.0270	0.8034		3,968.284	3,968.2841	0.1897		3,973.026
Unmitigated	1.4693	1.9717	14.9850	0.0384	3.1040	0.0288	3.1329	0.7764	0.0270	0.8034		3,968.284	3,968.2841	0.1897		3,973.026

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government (Civic Center)	514.00	514.00	514.00	1,587,299	1,587,299
Parking Lot	0.00	0.00	0.00		
Total	514.00	514.00	514.00	1,587,299	1,587,299

### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government (Civic Center)	0.514588	0.039887	0.224731	0.136880	0.026508	0.006617	0.013794	0.029569	0.001065	0.001526	0.003347	0.000595	0.000894
Parking Lot	0.514588	0.039887	0.224731	0.136880	0.026508	0.006617	0.013794	0.029569	0.001065	0.001526	0.003347	0.000595	0.000894

## 5.0 Energy Detail

Historical Energy Use: N

### 5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	5.4000e-003	0.0491	0.0412	2.9000e-004		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		58.9202	58.9202	1.1300e-003	1.0800e-003	59.2704
NaturalGas Unmitigated	5.4000e-003	0.0491	0.0412	2.9000e-004		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		58.9202	58.9202	1.1300e-003	1.0800e-003	59.2704

### 5.2 Energy by Land Use - NaturalGas

#### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government (Civic Center)	500.822	5.4000e-003	0.0491	0.0412	2.9000e-004		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		58.9202	58.9202	1.1300e-003	1.0800e-003	59.2704
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>5.4000e-003</b>	<b>0.0491</b>	<b>0.0412</b>	<b>2.9000e-004</b>		<b>3.7300e-003</b>	<b>3.7300e-003</b>		<b>3.7300e-003</b>	<b>3.7300e-003</b>		<b>58.9202</b>	<b>58.9202</b>	<b>1.1300e-003</b>	<b>1.0800e-003</b>	<b>59.2704</b>

#### Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government (Civic Center)	0.500822	5.4000e-003	0.0491	0.0412	2.9000e-004		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		58.9202	58.9202	1.1300e-003	1.0800e-003	59.2704
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>5.4000e-003</b>	<b>0.0491</b>	<b>0.0412</b>	<b>2.9000e-004</b>		<b>3.7300e-003</b>	<b>3.7300e-003</b>		<b>3.7300e-003</b>	<b>3.7300e-003</b>		<b>58.9202</b>	<b>58.9202</b>	<b>1.1300e-003</b>	<b>1.0800e-003</b>	<b>59.2704</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4506	4.0000e-005	4.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.7500e-003	8.7500e-003	2.0000e-005		9.3300e-003
Unmitigated	0.4506	4.0000e-005	4.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.7500e-003	8.7500e-003	2.0000e-005		9.3300e-003

### 6.2 Area by SubCategory

#### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3988					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.8000e-004	4.0000e-005	4.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.7500e-003	8.7500e-003	2.0000e-005		9.3300e-003
<b>Total</b>	<b>0.4506</b>	<b>4.0000e-005</b>	<b>4.0800e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>8.7500e-003</b>	<b>8.7500e-003</b>	<b>2.0000e-005</b>		<b>9.3300e-003</b>

#### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3988					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.8000e-004	4.0000e-005	4.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.7500e-003	8.7500e-003	2.0000e-005		9.3300e-003
<b>Total</b>	<b>0.4506</b>	<b>4.0000e-005</b>	<b>4.0800e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>8.7500e-003</b>	<b>8.7500e-003</b>	<b>2.0000e-005</b>		<b>9.3300e-003</b>

## 7.0 Water Detail

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### 7.1 Mitigation Measures Water

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

## 9.0 Operational Offroad

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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## 10.0 Stationary Equipment

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### Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	2	50	54	0.73	Diesel

### Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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### User Defined Equipment

Equipment Type	Number
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## 10.1 Stationary Sources

### Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (50.75 HP)	0.1772	0.5779	0.6431	8.5000e-004		0.0261	0.0261		0.0261	0.0261		90.6675	90.6675	0.0127		90.9853
<b>Total</b>	<b>0.1772</b>	<b>0.5779</b>	<b>0.6431</b>	<b>8.5000e-004</b>		<b>0.0261</b>	<b>0.0261</b>		<b>0.0261</b>	<b>0.0261</b>		<b>90.6675</b>	<b>90.6675</b>	<b>0.0127</b>		<b>90.9853</b>

## 11.0 Vegetation

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LABOE-Slauson Recreation Center-Operations - South Coast AQMD Air District, Winter

**LABOE-Slauson Recreation Center-Operations**  
**South Coast AQMD Air District, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	20.00	1000sqft	2.12	20,000.00	0
Parking Lot	20.00	Space	0.18	8,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	8			<b>Operational Year</b>	2023
<b>Utility Company</b>	Los Angeles Department of Water & Power				
<b>CO2 Intensity (lb/MW hr)</b>	663	<b>CH4 Intensity (lb/MW hr)</b>	0.026	<b>N2O Intensity (lb/MW hr)</b>	0.003

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - GHG emission factors based on LADWPs power mix for 2023.

Land Use - Parcel has total acreage of 2.3 acres.

Vehicle Trips - Trip rate consistent with Traffic Study.

Vehicle Emission Factors - Emission factors updated with EMFAC2021 values.

Vehicle Emission Factors - Emission factors updated with EMFAC2021 values.

Vehicle Emission Factors - Emission factors updated with EMFAC2021 values.

Energy Use - Electricity factors updated to result in annual electricity consumption of 300,000 kWh per year.

Water And Wastewater - Indoor water consumption based on project specific information provided by applicant.

Stationary Sources - Emergency Generators and Fire Pumps - Project would have a 54 HP diesel powered emergency generator, maintenance and testing emissions were analyzed for project

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	4.34	4.64
tblEnergyUse	NT24E	4.94	5.29
tblEnergyUse	T24E	4.71	5.04
tblFleetMix	HHD	0.03	0.03
tblFleetMix	HHD	0.03	0.03
tblFleetMix	LDA	0.55	0.51
tblFleetMix	LDA	0.55	0.51
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.20	0.22
tblFleetMix	LDT2	0.20	0.22
tblFleetMix	LHD1	0.02	0.03
tblFleetMix	LHD1	0.02	0.03
tblFleetMix	LHD2	5.8250e-003	6.6170e-003
tblFleetMix	LHD2	5.8250e-003	6.6170e-003
tblFleetMix	MCY	4.8760e-003	3.3470e-003
tblFleetMix	MCY	4.8760e-003	3.3470e-003
tblFleetMix	MDV	0.12	0.14
tblFleetMix	MDV	0.12	0.14
tblFleetMix	MH	8.6800e-004	8.9400e-004
tblFleetMix	MH	8.6800e-004	8.9400e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.1230e-003	1.0650e-003
tblFleetMix	OBUS	2.1230e-003	1.0650e-003
tblFleetMix	SBUS	7.1000e-004	5.9500e-004
tblFleetMix	SBUS	7.1000e-004	5.9500e-004
tblFleetMix	UBUS	1.7800e-003	1.5260e-003
tblFleetMix	UBUS	1.7800e-003	1.5260e-003



tblLandUse	LotAcreage	0.46	2.12
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.026
tblProjectCharacteristics	CO2IntensityFactor	1227.89	663
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleEF	HHD	0.55	0.16
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.68	5.38
tblVehicleEF	HHD	0.89	0.50
tblVehicleEF	HHD	2.88	4.4560e-003
tblVehicleEF	HHD	4,676.01	868.57
tblVehicleEF	HHD	1,529.62	1,579.68
tblVehicleEF	HHD	9.29	0.05
tblVehicleEF	HHD	14.62	4.28
tblVehicleEF	HHD	1.78	1.79
tblVehicleEF	HHD	19.69	2.62
tblVehicleEF	HHD	9.0010e-003	2.3620e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9470e-003	0.03
tblVehicleEF	HHD	7.9000e-005	2.0000e-006
tblVehicleEF	HHD	8.6120e-003	2.2560e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8400e-003
tblVehicleEF	HHD	5.6890e-003	0.02
tblVehicleEF	HHD	7.3000e-005	1.0000e-006
tblVehicleEF	HHD	9.8000e-005	4.0700e-004
tblVehicleEF	HHD	3.9810e-003	1.0800e-004
tblVehicleEF	HHD	0.43	0.35
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	0.08	0.02

tblVehicleEF	HHD	3.1400e-004	9.2600e-004
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.04	7.7430e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.4000e-004	1.0000e-006
tblVehicleEF	HHD	9.8000e-005	4.0700e-004
tblVehicleEF	HHD	3.9810e-003	1.0800e-004
tblVehicleEF	HHD	0.50	0.53
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	0.17	0.09
tblVehicleEF	HHD	3.1400e-004	9.2600e-004
tblVehicleEF	HHD	0.07	1.0000e-006
tblVehicleEF	HHD	0.52	0.16
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.22	5.31
tblVehicleEF	HHD	0.89	0.50
tblVehicleEF	HHD	2.73	4.2320e-003
tblVehicleEF	HHD	4,953.81	859.25
tblVehicleEF	HHD	1,529.62	1,579.68
tblVehicleEF	HHD	9.29	0.05
tblVehicleEF	HHD	15.09	4.09
tblVehicleEF	HHD	1.68	1.69
tblVehicleEF	HHD	19.68	2.62
tblVehicleEF	HHD	7.5890e-003	2.0730e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9470e-003	0.03
tblVehicleEF	HHD	7.9000e-005	2.0000e-006
tblVehicleEF	HHD	7.2610e-003	1.9800e-003
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	8.8170e-003	8.8400e-003
tblVehicleEF	HHD	5.6890e-003	0.02
tblVehicleEF	HHD	7.3000e-005	1.0000e-006
tblVehicleEF	HHD	1.5700e-004	5.2500e-004
tblVehicleEF	HHD	4.1620e-003	1.1500e-004
tblVehicleEF	HHD	0.40	0.36
tblVehicleEF	HHD	1.0800e-004	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.0700e-004	9.4600e-004
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.05	7.6550e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3800e-004	1.0000e-006
tblVehicleEF	HHD	1.5700e-004	5.2500e-004
tblVehicleEF	HHD	4.1620e-003	1.1500e-004
tblVehicleEF	HHD	0.48	0.56
tblVehicleEF	HHD	1.0800e-004	0.00
tblVehicleEF	HHD	0.17	0.09
tblVehicleEF	HHD	3.0700e-004	9.4600e-004
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.59	0.16
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tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	2.32	5.48
tblVehicleEF	HHD	0.89	0.50
tblVehicleEF	HHD	2.90	4.4890e-003
tblVehicleEF	HHD	4,292.37	881.45
tblVehicleEF	HHD	1,529.62	1,579.68
tblVehicleEF	HHD	9.29	0.05
tblVehicleEF	HHD	13.97	4.54
tblVehicleEF	HHD	1.75	1.76

tblVehicleEF	HHD	19.69	2.62
tblVehicleEF	HHD	0.01	2.7610e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9470e-003	0.03
tblVehicleEF	HHD	7.9000e-005	2.0000e-006
tblVehicleEF	HHD	0.01	2.6370e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8400e-003
tblVehicleEF	HHD	5.6890e-003	0.02
tblVehicleEF	HHD	7.3000e-005	1.0000e-006
tblVehicleEF	HHD	9.1000e-005	4.0500e-004
tblVehicleEF	HHD	4.2250e-003	1.0700e-004
tblVehicleEF	HHD	0.46	0.32
tblVehicleEF	HHD	6.7000e-005	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.4100e-004	9.7100e-004
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.04	7.8650e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.4000e-004	1.0000e-006
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tblVehicleEF	HHD	4.2250e-003	1.0700e-004
tblVehicleEF	HHD	0.54	0.50
tblVehicleEF	HHD	6.7000e-005	0.00
tblVehicleEF	HHD	0.17	0.09
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tblVehicleEF	LDA	0.06	0.25
tblVehicleEF	LDA	0.04	8.0380e-003
tblVehicleEF	LDA	1.9480e-003	1.4590e-003
tblVehicleEF	LDA	2.2420e-003	2.0830e-003
tblVehicleEF	LDA	0.02	2.8130e-003
tblVehicleEF	LDA	1.7950e-003	1.3430e-003
tblVehicleEF	LDA	2.0620e-003	1.9150e-003
tblVehicleEF	LDA	0.04	0.31
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.32
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tblVehicleEF	LDA	5.6300e-004	6.7000e-004
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tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.35
tblVehicleEF	LDA	4.5690e-003	2.8310e-003
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tblVehicleEF	LDA	0.86	2.58
tblVehicleEF	LDA	266.82	289.20
tblVehicleEF	LDA	54.67	66.93

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.06	0.23
tblVehicleEF	LDA	0.04	8.0380e-003
tblVehicleEF	LDA	1.9480e-003	1.4590e-003
tblVehicleEF	LDA	2.2420e-003	2.0830e-003
tblVehicleEF	LDA	0.02	2.8130e-003
tblVehicleEF	LDA	1.7950e-003	1.3430e-003
tblVehicleEF	LDA	2.0620e-003	1.9150e-003
tblVehicleEF	LDA	0.06	0.37
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.05	0.28
tblVehicleEF	LDA	2.6730e-003	2.8590e-003
tblVehicleEF	LDA	5.6100e-004	6.6200e-004
tblVehicleEF	LDA	0.06	0.37
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.06	0.31
tblVehicleEF	LDA	4.1700e-003	2.6980e-003
tblVehicleEF	LDA	4.5790e-003	0.07
tblVehicleEF	LDA	0.55	0.73
tblVehicleEF	LDA	1.03	3.13
tblVehicleEF	LDA	248.85	269.98
tblVehicleEF	LDA	54.67	67.96
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.06	0.25
tblVehicleEF	LDA	0.04	8.0380e-003

tblVehicleEF	LDA	1.9480e-003	1.4590e-003
tblVehicleEF	LDA	2.2420e-003	2.0830e-003
tblVehicleEF	LDA	0.02	2.8130e-003
tblVehicleEF	LDA	1.7950e-003	1.3430e-003
tblVehicleEF	LDA	2.0620e-003	1.9150e-003
tblVehicleEF	LDA	0.03	0.30
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.33
tblVehicleEF	LDA	2.4920e-003	2.6690e-003
tblVehicleEF	LDA	5.6400e-004	6.7200e-004
tblVehicleEF	LDA	0.03	0.30
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.36
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	1.36	2.06
tblVehicleEF	LDT1	2.49	6.01
tblVehicleEF	LDT1	319.06	348.44
tblVehicleEF	LDT1	67.76	89.48
tblVehicleEF	LDT1	0.13	0.19
tblVehicleEF	LDT1	0.15	0.44
tblVehicleEF	LDT1	0.04	0.01
tblVehicleEF	LDT1	2.9770e-003	2.6600e-003
tblVehicleEF	LDT1	3.2520e-003	3.4270e-003
tblVehicleEF	LDT1	0.02	3.5860e-003

tblVehicleEF	LDT1	2.7410e-003	2.4480e-003
tblVehicleEF	LDT1	2.9900e-003	3.1510e-003
tblVehicleEF	LDT1	0.13	0.81
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.16	0.61
tblVehicleEF	LDT1	0.17	0.63
tblVehicleEF	LDT1	3.2070e-003	3.4450e-003
tblVehicleEF	LDT1	7.2100e-004	8.8500e-004
tblVehicleEF	LDT1	0.13	0.81
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.04	0.07
tblVehicleEF	LDT1	0.16	0.61
tblVehicleEF	LDT1	0.19	0.69
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	1.50	2.48
tblVehicleEF	LDT1	2.12	5.11
tblVehicleEF	LDT1	334.98	365.16
tblVehicleEF	LDT1	67.76	87.79
tblVehicleEF	LDT1	0.11	0.16
tblVehicleEF	LDT1	0.14	0.41
tblVehicleEF	LDT1	0.04	0.01
tblVehicleEF	LDT1	2.9770e-003	2.6600e-003
tblVehicleEF	LDT1	3.2520e-003	3.4270e-003
tblVehicleEF	LDT1	0.02	3.5860e-003
tblVehicleEF	LDT1	2.7410e-003	2.4480e-003
tblVehicleEF	LDT1	2.9900e-003	3.1510e-003
tblVehicleEF	LDT1	0.21	0.97



tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.15	0.62
tblVehicleEF	LDT1	0.15	0.56
tblVehicleEF	LDT1	3.3680e-003	3.6100e-003
tblVehicleEF	LDT1	7.1500e-004	8.6800e-004
tblVehicleEF	LDT1	0.21	0.97
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.05	0.07
tblVehicleEF	LDT1	0.15	0.62
tblVehicleEF	LDT1	0.16	0.61
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	1.31	1.93
tblVehicleEF	LDT1	2.56	6.20
tblVehicleEF	LDT1	313.74	342.87
tblVehicleEF	LDT1	67.76	89.82
tblVehicleEF	LDT1	0.12	0.19
tblVehicleEF	LDT1	0.15	0.45
tblVehicleEF	LDT1	0.04	0.01
tblVehicleEF	LDT1	2.9770e-003	2.6600e-003
tblVehicleEF	LDT1	3.2520e-003	3.4270e-003
tblVehicleEF	LDT1	0.02	3.5860e-003
tblVehicleEF	LDT1	2.7410e-003	2.4480e-003
tblVehicleEF	LDT1	2.9900e-003	3.1510e-003
tblVehicleEF	LDT1	0.12	0.79
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.05

tblVehicleEF	LDT1	0.19	0.63
tblVehicleEF	LDT1	0.17	0.65
tblVehicleEF	LDT1	3.1530e-003	3.3900e-003
tblVehicleEF	LDT1	7.2200e-004	8.8800e-004
tblVehicleEF	LDT1	0.12	0.79
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.04	0.07
tblVehicleEF	LDT1	0.19	0.63
tblVehicleEF	LDT1	0.19	0.71
tblVehicleEF	LDT2	5.9480e-003	3.7550e-003
tblVehicleEF	LDT2	5.6730e-003	0.08
tblVehicleEF	LDT2	0.75	0.99
tblVehicleEF	LDT2	1.24	3.59
tblVehicleEF	LDT2	356.06	358.97
tblVehicleEF	LDT2	75.77	88.22
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.04	9.7210e-003
tblVehicleEF	LDT2	1.9880e-003	1.5600e-003
tblVehicleEF	LDT2	2.3560e-003	2.1550e-003
tblVehicleEF	LDT2	0.02	3.4020e-003
tblVehicleEF	LDT2	1.8280e-003	1.4350e-003
tblVehicleEF	LDT2	2.1660e-003	1.9820e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.08	0.38
tblVehicleEF	LDT2	3.5660e-003	3.5480e-003

tblVehicleEF	LDT2	7.7800e-004	8.7200e-004
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.08	0.42
tblVehicleEF	LDT2	6.3690e-003	3.8990e-003
tblVehicleEF	LDT2	5.0330e-003	0.07
tblVehicleEF	LDT2	0.83	1.19
tblVehicleEF	LDT2	1.06	3.06
tblVehicleEF	LDT2	374.47	374.29
tblVehicleEF	LDT2	75.77	87.24
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	0.04	9.7210e-003
tblVehicleEF	LDT2	1.9880e-003	1.5600e-003
tblVehicleEF	LDT2	2.3560e-003	2.1550e-003
tblVehicleEF	LDT2	0.02	3.4020e-003
tblVehicleEF	LDT2	1.8280e-003	1.4350e-003
tblVehicleEF	LDT2	2.1660e-003	1.9820e-003
tblVehicleEF	LDT2	0.07	0.36
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.07	0.34
tblVehicleEF	LDT2	3.7510e-003	3.7000e-003
tblVehicleEF	LDT2	7.7500e-004	8.6300e-004
tblVehicleEF	LDT2	0.07	0.36
tblVehicleEF	LDT2	0.10	0.09

tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.07	0.37
tblVehicleEF	LDT2	5.8200e-003	3.7190e-003
tblVehicleEF	LDT2	5.8050e-003	0.08
tblVehicleEF	LDT2	0.72	0.92
tblVehicleEF	LDT2	1.27	3.70
tblVehicleEF	LDT2	349.95	353.85
tblVehicleEF	LDT2	75.77	88.43
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.04	9.7210e-003
tblVehicleEF	LDT2	1.9880e-003	1.5600e-003
tblVehicleEF	LDT2	2.3560e-003	2.1550e-003
tblVehicleEF	LDT2	0.02	3.4020e-003
tblVehicleEF	LDT2	1.8280e-003	1.4350e-003
tblVehicleEF	LDT2	2.1660e-003	1.9820e-003
tblVehicleEF	LDT2	0.04	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.22
tblVehicleEF	LDT2	0.08	0.39
tblVehicleEF	LDT2	3.5050e-003	3.4980e-003
tblVehicleEF	LDT2	7.7900e-004	8.7400e-004
tblVehicleEF	LDT2	0.04	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.22

tblVehicleEF	LDT2	0.09	0.43
tblVehicleEF	LHD1	5.2150e-003	5.6720e-003
tblVehicleEF	LHD1	9.8020e-003	5.5600e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.20
tblVehicleEF	LHD1	0.74	0.82
tblVehicleEF	LHD1	2.42	2.09
tblVehicleEF	LHD1	9.02	8.78
tblVehicleEF	LHD1	594.74	586.76
tblVehicleEF	LHD1	31.51	18.17
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.09	0.64
tblVehicleEF	LHD1	0.94	0.45
tblVehicleEF	LHD1	8.6400e-004	6.5700e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.4010e-003
tblVehicleEF	LHD1	9.8040e-003	9.3540e-003
tblVehicleEF	LHD1	8.9300e-004	2.5300e-004
tblVehicleEF	LHD1	8.2600e-004	6.2900e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5390e-003	2.3500e-003
tblVehicleEF	LHD1	9.3560e-003	8.9210e-003
tblVehicleEF	LHD1	8.2100e-004	2.3300e-004
tblVehicleEF	LHD1	3.0350e-003	0.14
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.30	0.19
tblVehicleEF	LHD1	0.24	0.12
tblVehicleEF	LHD1	9.0000e-005	8.6000e-005

tblVehicleEF	LHD1	5.8330e-003	5.7300e-003
tblVehicleEF	LHD1	3.6000e-004	1.8000e-004
tblVehicleEF	LHD1	3.0350e-003	0.14
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	0.00
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.30	0.19
tblVehicleEF	LHD1	0.26	0.13
tblVehicleEF	LHD1	5.2150e-003	5.6900e-003
tblVehicleEF	LHD1	0.01	5.6630e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.20
tblVehicleEF	LHD1	0.75	0.83
tblVehicleEF	LHD1	2.30	2.00
tblVehicleEF	LHD1	9.02	8.78
tblVehicleEF	LHD1	594.74	586.79
tblVehicleEF	LHD1	31.51	18.01
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.02	0.60
tblVehicleEF	LHD1	0.91	0.43
tblVehicleEF	LHD1	8.6400e-004	6.5700e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.4010e-003
tblVehicleEF	LHD1	9.8040e-003	9.3540e-003
tblVehicleEF	LHD1	8.9300e-004	2.5300e-004
tblVehicleEF	LHD1	8.2600e-004	6.2900e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5390e-003	2.3500e-003
tblVehicleEF	LHD1	9.3560e-003	8.9210e-003
tblVehicleEF	LHD1	8.2100e-004	2.3300e-004

tblVehicleEF	LHD1	4.7330e-003	0.17
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.7000e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.29	0.20
tblVehicleEF	LHD1	0.23	0.11
tblVehicleEF	LHD1	9.0000e-005	8.6000e-005
tblVehicleEF	LHD1	5.8330e-003	5.7300e-003
tblVehicleEF	LHD1	3.5800e-004	1.7800e-004
tblVehicleEF	LHD1	4.7330e-003	0.17
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.7000e-003	0.00
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.29	0.20
tblVehicleEF	LHD1	0.25	0.12
tblVehicleEF	LHD1	5.2150e-003	5.6690e-003
tblVehicleEF	LHD1	9.7560e-003	5.5380e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.20
tblVehicleEF	LHD1	0.73	0.81
tblVehicleEF	LHD1	2.43	2.11
tblVehicleEF	LHD1	9.02	8.78
tblVehicleEF	LHD1	594.74	586.76
tblVehicleEF	LHD1	31.51	18.19
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.07	0.63
tblVehicleEF	LHD1	0.95	0.45
tblVehicleEF	LHD1	8.6400e-004	6.5700e-004
tblVehicleEF	LHD1	0.08	0.08

tblVehicleEF	LHD1	0.01	9.4010e-003
tblVehicleEF	LHD1	9.8040e-003	9.3540e-003
tblVehicleEF	LHD1	8.9300e-004	2.5300e-004
tblVehicleEF	LHD1	8.2600e-004	6.2900e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5390e-003	2.3500e-003
tblVehicleEF	LHD1	9.3560e-003	8.9210e-003
tblVehicleEF	LHD1	8.2100e-004	2.3300e-004
tblVehicleEF	LHD1	3.0640e-003	0.14
tblVehicleEF	LHD1	0.11	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7650e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.32	0.20
tblVehicleEF	LHD1	0.24	0.12
tblVehicleEF	LHD1	9.0000e-005	8.6000e-005
tblVehicleEF	LHD1	5.8330e-003	5.7290e-003
tblVehicleEF	LHD1	3.6100e-004	1.8000e-004
tblVehicleEF	LHD1	3.0640e-003	0.14
tblVehicleEF	LHD1	0.11	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7650e-003	0.00
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.32	0.20
tblVehicleEF	LHD1	0.26	0.13
tblVehicleEF	LHD2	3.6920e-003	3.9370e-003
tblVehicleEF	LHD2	3.6770e-003	4.3560e-003
tblVehicleEF	LHD2	7.3690e-003	0.02
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.32	0.47
tblVehicleEF	LHD2	1.21	1.35



tblVehicleEF	LHD2	13.71	13.39
tblVehicleEF	LHD2	607.87	641.89
tblVehicleEF	LHD2	26.42	11.75
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tblVehicleEF	LHD2	0.68	0.82
tblVehicleEF	LHD2	0.50	0.30
tblVehicleEF	LHD2	1.1660e-003	1.1990e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.0030e-003	0.01
tblVehicleEF	LHD2	4.2200e-004	1.3000e-004
tblVehicleEF	LHD2	1.1160e-003	1.1470e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6120e-003
tblVehicleEF	LHD2	8.6000e-003	0.01
tblVehicleEF	LHD2	3.8800e-004	1.2000e-004
tblVehicleEF	LHD2	1.0790e-003	0.09
tblVehicleEF	LHD2	0.03	0.02
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tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.10	0.08
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tblVehicleEF	LHD2	0.02	0.03
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tblVehicleEF	LHD2	0.05	0.08

tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.11	0.08
tblVehicleEF	LHD2	3.6920e-003	3.9490e-003
tblVehicleEF	LHD2	3.7200e-003	4.3920e-003
tblVehicleEF	LHD2	7.1240e-003	0.02
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.32	0.48
tblVehicleEF	LHD2	1.16	1.29
tblVehicleEF	LHD2	13.71	13.39
tblVehicleEF	LHD2	607.87	641.90
tblVehicleEF	LHD2	26.42	11.65
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.64	0.78
tblVehicleEF	LHD2	0.49	0.29
tblVehicleEF	LHD2	1.1660e-003	1.1990e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.0030e-003	0.01
tblVehicleEF	LHD2	4.2200e-004	1.3000e-004
tblVehicleEF	LHD2	1.1160e-003	1.1470e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6120e-003
tblVehicleEF	LHD2	8.6000e-003	0.01
tblVehicleEF	LHD2	3.8800e-004	1.2000e-004
tblVehicleEF	LHD2	1.6790e-003	0.10
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0330e-003	0.00
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.10	0.07

tblVehicleEF	LHD2	1.3400e-004	1.2900e-004
tblVehicleEF	LHD2	5.9190e-003	6.1980e-003
tblVehicleEF	LHD2	2.8500e-004	1.1500e-004
tblVehicleEF	LHD2	1.6790e-003	0.10
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.0330e-003	0.00
tblVehicleEF	LHD2	0.05	0.08
tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.11	0.08
tblVehicleEF	LHD2	3.6920e-003	3.9350e-003
tblVehicleEF	LHD2	3.6660e-003	4.3480e-003
tblVehicleEF	LHD2	7.4110e-003	0.02
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.32	0.47
tblVehicleEF	LHD2	1.22	1.36
tblVehicleEF	LHD2	13.71	13.39
tblVehicleEF	LHD2	607.87	641.89
tblVehicleEF	LHD2	26.42	11.77
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.67	0.81
tblVehicleEF	LHD2	0.51	0.30
tblVehicleEF	LHD2	1.1660e-003	1.1990e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.0030e-003	0.01
tblVehicleEF	LHD2	4.2200e-004	1.3000e-004
tblVehicleEF	LHD2	1.1160e-003	1.1470e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6120e-003
tblVehicleEF	LHD2	8.6000e-003	0.01

tblVehicleEF	LHD2	3.8800e-004	1.2000e-004
tblVehicleEF	LHD2	1.0460e-003	0.09
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6900e-004	0.00
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.08	0.12
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	1.3400e-004	1.2900e-004
tblVehicleEF	LHD2	5.9190e-003	6.1980e-003
tblVehicleEF	LHD2	2.8600e-004	1.1600e-004
tblVehicleEF	LHD2	1.0460e-003	0.09
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	6.6900e-004	0.00
tblVehicleEF	LHD2	0.05	0.08
tblVehicleEF	LHD2	0.08	0.12
tblVehicleEF	LHD2	0.11	0.08
tblVehicleEF	MCY	0.51	0.19
tblVehicleEF	MCY	0.15	0.18
tblVehicleEF	MCY	18.57	14.68
tblVehicleEF	MCY	9.66	7.24
tblVehicleEF	MCY	183.25	196.02
tblVehicleEF	MCY	44.44	51.31
tblVehicleEF	MCY	1.13	0.58
tblVehicleEF	MCY	0.31	0.15
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.3160e-003	2.1840e-003
tblVehicleEF	MCY	3.5910e-003	3.5520e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.1630e-003	2.0430e-003

tblVehicleEF	MCY	3.3760e-003	3.3430e-003
tblVehicleEF	MCY	1.17	2.15
tblVehicleEF	MCY	0.66	3.61
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.45	1.22
tblVehicleEF	MCY	0.59	3.69
tblVehicleEF	MCY	2.04	1.32
tblVehicleEF	MCY	2.2100e-003	1.9380e-003
tblVehicleEF	MCY	6.6200e-004	5.0700e-004
tblVehicleEF	MCY	1.17	2.15
tblVehicleEF	MCY	0.66	3.61
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	3.06	1.46
tblVehicleEF	MCY	0.59	3.69
tblVehicleEF	MCY	2.22	1.43
tblVehicleEF	MCY	0.50	0.18
tblVehicleEF	MCY	0.13	0.16
tblVehicleEF	MCY	18.11	14.36
tblVehicleEF	MCY	8.87	6.69
tblVehicleEF	MCY	183.25	195.38
tblVehicleEF	MCY	44.44	49.90
tblVehicleEF	MCY	0.98	0.51
tblVehicleEF	MCY	0.29	0.14
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.3160e-003	2.1840e-003
tblVehicleEF	MCY	3.5910e-003	3.5520e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.1630e-003	2.0430e-003
tblVehicleEF	MCY	3.3760e-003	3.3430e-003
tblVehicleEF	MCY	1.97	2.81
tblVehicleEF	MCY	0.78	3.72

tblVehicleEF	MCY	1.23	0.00
tblVehicleEF	MCY	2.40	1.18
tblVehicleEF	MCY	0.56	3.69
tblVehicleEF	MCY	1.82	1.16
tblVehicleEF	MCY	2.2010e-003	1.9320e-003
tblVehicleEF	MCY	6.4300e-004	4.9300e-004
tblVehicleEF	MCY	1.97	2.81
tblVehicleEF	MCY	0.78	3.72
tblVehicleEF	MCY	1.23	0.00
tblVehicleEF	MCY	3.00	1.42
tblVehicleEF	MCY	0.56	3.69
tblVehicleEF	MCY	1.98	1.26
tblVehicleEF	MCY	0.51	0.19
tblVehicleEF	MCY	0.15	0.18
tblVehicleEF	MCY	18.59	14.67
tblVehicleEF	MCY	9.77	7.30
tblVehicleEF	MCY	183.25	196.02
tblVehicleEF	MCY	44.44	51.48
tblVehicleEF	MCY	1.10	0.57
tblVehicleEF	MCY	0.31	0.15
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.3160e-003	2.1840e-003
tblVehicleEF	MCY	3.5910e-003	3.5520e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.1630e-003	2.0430e-003
tblVehicleEF	MCY	3.3760e-003	3.3430e-003
tblVehicleEF	MCY	1.25	2.12
tblVehicleEF	MCY	0.85	3.60
tblVehicleEF	MCY	0.66	0.00
tblVehicleEF	MCY	2.46	1.22
tblVehicleEF	MCY	0.68	3.98

tblVehicleEF	MCY	2.07	1.34
tblVehicleEF	MCY	2.2110e-003	1.9380e-003
tblVehicleEF	MCY	6.6500e-004	5.0900e-004
tblVehicleEF	MCY	1.25	2.12
tblVehicleEF	MCY	0.85	3.60
tblVehicleEF	MCY	0.66	0.00
tblVehicleEF	MCY	3.07	1.47
tblVehicleEF	MCY	0.68	3.98
tblVehicleEF	MCY	2.25	1.46
tblVehicleEF	MDV	0.01	5.6080e-003
tblVehicleEF	MDV	0.01	0.11
tblVehicleEF	MDV	1.17	1.25
tblVehicleEF	MDV	2.30	4.01
tblVehicleEF	MDV	483.05	438.32
tblVehicleEF	MDV	101.29	107.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.20	0.46
tblVehicleEF	MDV	0.04	9.8900e-003
tblVehicleEF	MDV	2.0950e-003	1.6930e-003
tblVehicleEF	MDV	2.4110e-003	2.2920e-003
tblVehicleEF	MDV	0.02	3.4610e-003
tblVehicleEF	MDV	1.9310e-003	1.5610e-003
tblVehicleEF	MDV	2.2170e-003	2.1080e-003
tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.29
tblVehicleEF	MDV	0.17	0.54
tblVehicleEF	MDV	4.8370e-003	4.3310e-003
tblVehicleEF	MDV	1.0530e-003	1.0610e-003

tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.09	0.29
tblVehicleEF	MDV	0.19	0.59
tblVehicleEF	MDV	0.01	5.8220e-003
tblVehicleEF	MDV	0.01	0.10
tblVehicleEF	MDV	1.30	1.50
tblVehicleEF	MDV	1.97	3.42
tblVehicleEF	MDV	507.73	454.86
tblVehicleEF	MDV	101.29	106.17
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.19	0.43
tblVehicleEF	MDV	0.04	9.8900e-003
tblVehicleEF	MDV	2.0950e-003	1.6930e-003
tblVehicleEF	MDV	2.4110e-003	2.2920e-003
tblVehicleEF	MDV	0.02	3.4610e-003
tblVehicleEF	MDV	1.9310e-003	1.5610e-003
tblVehicleEF	MDV	2.2170e-003	2.1080e-003
tblVehicleEF	MDV	0.12	0.47
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.30
tblVehicleEF	MDV	0.15	0.47
tblVehicleEF	MDV	5.0860e-003	4.4940e-003
tblVehicleEF	MDV	1.0470e-003	1.0500e-003
tblVehicleEF	MDV	0.12	0.47
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.11	0.00



tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.09	0.30
tblVehicleEF	MDV	0.17	0.52
tblVehicleEF	MDV	0.01	5.5520e-003
tblVehicleEF	MDV	0.01	0.11
tblVehicleEF	MDV	1.12	1.17
tblVehicleEF	MDV	2.36	4.13
tblVehicleEF	MDV	474.94	432.93
tblVehicleEF	MDV	101.29	107.54
tblVehicleEF	MDV	0.12	0.13
tblVehicleEF	MDV	0.21	0.47
tblVehicleEF	MDV	0.04	9.8900e-003
tblVehicleEF	MDV	2.0950e-003	1.6930e-003
tblVehicleEF	MDV	2.4110e-003	2.2920e-003
tblVehicleEF	MDV	0.02	3.4610e-003
tblVehicleEF	MDV	1.9310e-003	1.5610e-003
tblVehicleEF	MDV	2.2170e-003	2.1080e-003
tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.17	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.30
tblVehicleEF	MDV	0.18	0.55
tblVehicleEF	MDV	4.7550e-003	4.2780e-003
tblVehicleEF	MDV	1.0540e-003	1.0630e-003
tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.17	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.30
tblVehicleEF	MDV	0.19	0.60

tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.75	1.37
tblVehicleEF	MH	5.12	2.43
tblVehicleEF	MH	1,098.66	1,549.48
tblVehicleEF	MH	58.67	22.69
tblVehicleEF	MH	1.14	1.35
tblVehicleEF	MH	0.75	0.29
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.0060e-003	3.1100e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2200e-003	3.2870e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	9.2500e-004	2.8600e-004
tblVehicleEF	MH	0.95	33.65
tblVehicleEF	MH	0.06	8.76
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.30	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.7600e-004	2.2400e-004
tblVehicleEF	MH	0.95	33.65
tblVehicleEF	MH	0.06	8.76
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.32	0.12
tblVehicleEF	MH	0.02	0.01

tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.79	1.41
tblVehicleEF	MH	4.82	2.29
tblVehicleEF	MH	1,098.66	1,549.54
tblVehicleEF	MH	58.67	22.45
tblVehicleEF	MH	1.05	1.26
tblVehicleEF	MH	0.72	0.28
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.0060e-003	3.1100e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2200e-003	3.2870e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	9.2500e-004	2.8600e-004
tblVehicleEF	MH	1.47	40.69
tblVehicleEF	MH	0.07	9.28
tblVehicleEF	MH	0.60	0.00
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.28	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.7100e-004	2.2200e-004
tblVehicleEF	MH	1.47	40.69
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tblVehicleEF	MH	0.60	0.00
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.31	0.12
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.02	0.03

tblVehicleEF	MH	1.73	1.37
tblVehicleEF	MH	5.17	2.45
tblVehicleEF	MH	1,098.66	1,549.46
tblVehicleEF	MH	58.67	22.73
tblVehicleEF	MH	1.12	1.33
tblVehicleEF	MH	0.75	0.29
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.0060e-003	3.1100e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2200e-003	3.2870e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	9.2500e-004	2.8600e-004
tblVehicleEF	MH	1.03	32.97
tblVehicleEF	MH	0.08	8.68
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.30	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.7700e-004	2.2500e-004
tblVehicleEF	MH	1.03	32.97
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tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.33	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.3510e-003	8.8020e-003
tblVehicleEF	MHD	0.05	0.01

tblVehicleEF	MHD	0.34	0.65
tblVehicleEF	MHD	0.28	0.42
tblVehicleEF	MHD	5.31	1.41
tblVehicleEF	MHD	138.31	142.30
tblVehicleEF	MHD	1,125.72	1,209.77
tblVehicleEF	MHD	59.27	12.31
tblVehicleEF	MHD	0.37	0.77
tblVehicleEF	MHD	0.70	0.87
tblVehicleEF	MHD	10.61	1.29
tblVehicleEF	MHD	1.0200e-004	1.6960e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	2.8090e-003	0.01
tblVehicleEF	MHD	7.6600e-004	1.3700e-004
tblVehicleEF	MHD	9.7000e-005	1.6220e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	2.6840e-003	9.5890e-003
tblVehicleEF	MHD	7.0500e-004	1.2600e-004
tblVehicleEF	MHD	1.0820e-003	0.04
tblVehicleEF	MHD	0.04	8.9960e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	6.9100e-004	0.00
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.33	0.07
tblVehicleEF	MHD	1.3310e-003	1.3130e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.8600e-004	1.2200e-004
tblVehicleEF	MHD	1.0820e-003	0.04
tblVehicleEF	MHD	0.04	8.9960e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	6.9100e-004	0.00

tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.36	0.07
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	3.3970e-003	8.8640e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.25	0.59
tblVehicleEF	MHD	0.28	0.42
tblVehicleEF	MHD	5.04	1.34
tblVehicleEF	MHD	146.49	141.63
tblVehicleEF	MHD	1,125.72	1,209.78
tblVehicleEF	MHD	59.27	12.19
tblVehicleEF	MHD	0.38	0.74
tblVehicleEF	MHD	0.66	0.82
tblVehicleEF	MHD	10.58	1.29
tblVehicleEF	MHD	8.6000e-005	1.4380e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	2.8090e-003	0.01
tblVehicleEF	MHD	7.6600e-004	1.3700e-004
tblVehicleEF	MHD	8.2000e-005	1.3760e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	2.6840e-003	9.5890e-003
tblVehicleEF	MHD	7.0500e-004	1.2600e-004
tblVehicleEF	MHD	1.6890e-003	0.04
tblVehicleEF	MHD	0.04	9.4530e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	1.0300e-003	0.00
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.31	0.06
tblVehicleEF	MHD	1.4080e-003	1.3070e-003

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.8100e-004	1.2100e-004
tblVehicleEF	MHD	1.6890e-003	0.04
tblVehicleEF	MHD	0.04	9.4530e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	1.0300e-003	0.00
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.34	0.07
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.3370e-003	8.7830e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.47	0.75
tblVehicleEF	MHD	0.28	0.42
tblVehicleEF	MHD	5.36	1.42
tblVehicleEF	MHD	126.99	143.22
tblVehicleEF	MHD	1,125.72	1,209.76
tblVehicleEF	MHD	59.27	12.33
tblVehicleEF	MHD	0.35	0.79
tblVehicleEF	MHD	0.68	0.86
tblVehicleEF	MHD	10.62	1.29
tblVehicleEF	MHD	1.2400e-004	2.0520e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	2.8090e-003	0.01
tblVehicleEF	MHD	7.6600e-004	1.3700e-004
tblVehicleEF	MHD	1.1900e-004	1.9620e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	2.6840e-003	9.5890e-003
tblVehicleEF	MHD	7.0500e-004	1.2600e-004
tblVehicleEF	MHD	1.0540e-003	0.04
tblVehicleEF	MHD	0.05	8.9130e-003

tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.6300e-004	0.00
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.33	0.07
tblVehicleEF	MHD	1.2250e-003	1.3220e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.8600e-004	1.2200e-004
tblVehicleEF	MHD	1.0540e-003	0.04
tblVehicleEF	MHD	0.05	8.9130e-003
tblVehicleEF	MHD	0.04	0.05
tblVehicleEF	MHD	6.6300e-004	0.00
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.36	0.07
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	6.0000e-003	0.04
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.25	0.56
tblVehicleEF	OBUS	0.44	0.97
tblVehicleEF	OBUS	5.22	2.79
tblVehicleEF	OBUS	91.95	81.27
tblVehicleEF	OBUS	1,222.80	1,506.67
tblVehicleEF	OBUS	68.36	22.89
tblVehicleEF	OBUS	0.19	0.31
tblVehicleEF	OBUS	0.63	1.11
tblVehicleEF	OBUS	2.35	0.70
tblVehicleEF	OBUS	1.8000e-005	4.2900e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	2.5040e-003	0.02
tblVehicleEF	OBUS	8.5000e-004	2.1800e-004



tblVehicleEF	OBUS	1.7000e-005	4.1000e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	2.3790e-003	0.02
tblVehicleEF	OBUS	7.8100e-004	2.0000e-004
tblVehicleEF	OBUS	1.5080e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.8700e-004	0.00
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.33	0.14
tblVehicleEF	OBUS	8.8900e-004	7.4000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7500e-004	2.2600e-004
tblVehicleEF	OBUS	1.5080e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	7.8700e-004	0.00
tblVehicleEF	OBUS	0.05	0.10
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.36	0.15
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	6.1100e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.56
tblVehicleEF	OBUS	0.45	0.98
tblVehicleEF	OBUS	4.93	2.64
tblVehicleEF	OBUS	96.41	80.58
tblVehicleEF	OBUS	1,222.80	1,506.69
tblVehicleEF	OBUS	68.36	22.62
tblVehicleEF	OBUS	0.20	0.30

tblVehicleEF	OBUS	0.59	1.03
tblVehicleEF	OBUS	2.31	0.69
tblVehicleEF	OBUS	1.5000e-005	3.6800e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	2.5040e-003	0.02
tblVehicleEF	OBUS	8.5000e-004	2.1800e-004
tblVehicleEF	OBUS	1.4000e-005	3.5200e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	2.3790e-003	0.02
tblVehicleEF	OBUS	7.8100e-004	2.0000e-004
tblVehicleEF	OBUS	2.2910e-003	0.13
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.1730e-003	0.00
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.31	0.13
tblVehicleEF	OBUS	9.3200e-004	7.3400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7000e-004	2.2400e-004
tblVehicleEF	OBUS	2.2910e-003	0.13
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	1.1730e-003	0.00
tblVehicleEF	OBUS	0.05	0.10
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.34	0.14
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	5.9720e-003	0.04
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.25	0.57

tblVehicleEF	OBUS	0.44	0.96
tblVehicleEF	OBUS	5.27	2.82
tblVehicleEF	OBUS	85.78	82.24
tblVehicleEF	OBUS	1,222.80	1,506.66
tblVehicleEF	OBUS	68.36	22.94
tblVehicleEF	OBUS	0.18	0.33
tblVehicleEF	OBUS	0.62	1.08
tblVehicleEF	OBUS	2.35	0.70
tblVehicleEF	OBUS	2.1000e-005	5.1400e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	2.5040e-003	0.02
tblVehicleEF	OBUS	8.5000e-004	2.1800e-004
tblVehicleEF	OBUS	2.0000e-005	4.9100e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	2.3790e-003	0.02
tblVehicleEF	OBUS	7.8100e-004	2.0000e-004
tblVehicleEF	OBUS	1.5020e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.6600e-004	0.00
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.33	0.14
tblVehicleEF	OBUS	8.3000e-004	7.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7600e-004	2.2700e-004
tblVehicleEF	OBUS	1.5020e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	7.6600e-004	0.00
tblVehicleEF	OBUS	0.05	0.10

tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.36	0.15
tblVehicleEF	SBUS	0.83	0.49
tblVehicleEF	SBUS	0.01	1.32
tblVehicleEF	SBUS	0.06	7.3760e-003
tblVehicleEF	SBUS	8.04	2.89
tblVehicleEF	SBUS	0.70	5.28
tblVehicleEF	SBUS	7.18	0.99
tblVehicleEF	SBUS	1,118.19	265.42
tblVehicleEF	SBUS	1,082.51	1,227.58
tblVehicleEF	SBUS	55.02	5.97
tblVehicleEF	SBUS	8.69	1.28
tblVehicleEF	SBUS	3.91	2.80
tblVehicleEF	SBUS	12.13	0.16
tblVehicleEF	SBUS	8.2920e-003	1.8560e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	7.8500e-004	5.6000e-005
tblVehicleEF	SBUS	7.9330e-003	1.7620e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6760e-003	2.5450e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	7.2100e-004	5.1000e-005
tblVehicleEF	SBUS	3.6590e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.96	0.29
tblVehicleEF	SBUS	1.9290e-003	0.00
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.38	0.04

tblVehicleEF	SBUS	0.01	1.3990e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	6.7500e-004	5.9000e-005
tblVehicleEF	SBUS	3.6590e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.38	0.85
tblVehicleEF	SBUS	1.9290e-003	0.00
tblVehicleEF	SBUS	0.12	1.43
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.83	0.49
tblVehicleEF	SBUS	0.01	1.32
tblVehicleEF	SBUS	0.06	6.4840e-003
tblVehicleEF	SBUS	7.94	2.87
tblVehicleEF	SBUS	0.71	5.30
tblVehicleEF	SBUS	5.72	0.78
tblVehicleEF	SBUS	1,168.50	268.77
tblVehicleEF	SBUS	1,082.51	1,227.61
tblVehicleEF	SBUS	55.02	5.63
tblVehicleEF	SBUS	8.97	1.31
tblVehicleEF	SBUS	3.68	2.62
tblVehicleEF	SBUS	12.10	0.16
tblVehicleEF	SBUS	6.9900e-003	1.6260e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	7.8500e-004	5.6000e-005
tblVehicleEF	SBUS	6.6880e-003	1.5420e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6760e-003	2.5450e-003
tblVehicleEF	SBUS	0.02	0.01

tblVehicleEF	SBUS	7.2100e-004	5.1000e-005
tblVehicleEF	SBUS	5.6810e-003	0.06
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.95	0.29
tblVehicleEF	SBUS	2.9530e-003	0.00
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.34	0.04
tblVehicleEF	SBUS	0.01	1.4300e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	6.5000e-004	5.6000e-005
tblVehicleEF	SBUS	5.6810e-003	0.06
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.38	0.85
tblVehicleEF	SBUS	2.9530e-003	0.00
tblVehicleEF	SBUS	0.12	1.43
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.83	0.49
tblVehicleEF	SBUS	0.01	1.32
tblVehicleEF	SBUS	0.07	7.5650e-003
tblVehicleEF	SBUS	8.19	2.90
tblVehicleEF	SBUS	0.70	5.28
tblVehicleEF	SBUS	7.44	1.02
tblVehicleEF	SBUS	1,048.72	260.79
tblVehicleEF	SBUS	1,082.51	1,227.58
tblVehicleEF	SBUS	55.02	6.03
tblVehicleEF	SBUS	8.31	1.23
tblVehicleEF	SBUS	3.85	2.75
tblVehicleEF	SBUS	12.13	0.16
tblVehicleEF	SBUS	0.01	2.1740e-003

tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	7.8500e-004	5.6000e-005
tblVehicleEF	SBUS	9.6530e-003	2.0650e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6760e-003	2.5450e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	7.2100e-004	5.1000e-005
tblVehicleEF	SBUS	3.5200e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.96	0.29
tblVehicleEF	SBUS	1.8620e-003	0.00
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.39	0.04
tblVehicleEF	SBUS	0.01	1.3550e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	6.7900e-004	6.0000e-005
tblVehicleEF	SBUS	3.5200e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.39	0.85
tblVehicleEF	SBUS	1.8620e-003	0.00
tblVehicleEF	SBUS	0.12	1.43
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	UBUS	2.20	2.33
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	9.91	33.70
tblVehicleEF	UBUS	10.15	1.07
tblVehicleEF	UBUS	1,905.83	2,317.92

tblVehicleEF	UBUS	113.27	10.94
tblVehicleEF	UBUS	7.78	0.56
tblVehicleEF	UBUS	14.42	0.12
tblVehicleEF	UBUS	0.58	0.11
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	5.6100e-004
tblVehicleEF	UBUS	1.2130e-003	5.9000e-005
tblVehicleEF	UBUS	0.25	0.04
tblVehicleEF	UBUS	3.0000e-003	7.5460e-003
tblVehicleEF	UBUS	0.09	5.3100e-004
tblVehicleEF	UBUS	1.1150e-003	5.5000e-005
tblVehicleEF	UBUS	5.0170e-003	0.03
tblVehicleEF	UBUS	0.08	9.0500e-003
tblVehicleEF	UBUS	2.8810e-003	0.00
tblVehicleEF	UBUS	0.68	0.04
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.79	0.06
tblVehicleEF	UBUS	9.5330e-003	1.7270e-003
tblVehicleEF	UBUS	1.3160e-003	1.0800e-004
tblVehicleEF	UBUS	5.0170e-003	0.03
tblVehicleEF	UBUS	0.08	9.0500e-003
tblVehicleEF	UBUS	2.8810e-003	0.00
tblVehicleEF	UBUS	2.96	2.38
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.86	0.06
tblVehicleEF	UBUS	2.20	2.33
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	9.96	33.70
tblVehicleEF	UBUS	8.81	0.94
tblVehicleEF	UBUS	1,905.83	2,317.92
tblVehicleEF	UBUS	113.27	10.73



tblVehicleEF	UBUS	7.32	0.56
tblVehicleEF	UBUS	14.36	0.11
tblVehicleEF	UBUS	0.58	0.11
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	5.6100e-004
tblVehicleEF	UBUS	1.2130e-003	5.9000e-005
tblVehicleEF	UBUS	0.25	0.04
tblVehicleEF	UBUS	3.0000e-003	7.5460e-003
tblVehicleEF	UBUS	0.09	5.3100e-004
tblVehicleEF	UBUS	1.1150e-003	5.5000e-005
tblVehicleEF	UBUS	7.4730e-003	0.04
tblVehicleEF	UBUS	0.08	9.5250e-003
tblVehicleEF	UBUS	4.2880e-003	0.00
tblVehicleEF	UBUS	0.69	0.04
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	9.5340e-003	1.7270e-003
tblVehicleEF	UBUS	1.2930e-003	1.0600e-004
tblVehicleEF	UBUS	7.4730e-003	0.04
tblVehicleEF	UBUS	0.08	9.5250e-003
tblVehicleEF	UBUS	4.2880e-003	0.00
tblVehicleEF	UBUS	2.97	2.38
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.79	0.06
tblVehicleEF	UBUS	2.20	2.33
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	9.90	33.70
tblVehicleEF	UBUS	10.35	1.09
tblVehicleEF	UBUS	1,905.83	2,317.92
tblVehicleEF	UBUS	113.27	10.97
tblVehicleEF	UBUS	7.63	0.56

tblVehicleEF	UBUS	14.43	0.12
tblVehicleEF	UBUS	0.58	0.11
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	5.6100e-004
tblVehicleEF	UBUS	1.2130e-003	5.9000e-005
tblVehicleEF	UBUS	0.25	0.04
tblVehicleEF	UBUS	3.0000e-003	7.5460e-003
tblVehicleEF	UBUS	0.09	5.3100e-004
tblVehicleEF	UBUS	1.1150e-003	5.5000e-005
tblVehicleEF	UBUS	5.4520e-003	0.03
tblVehicleEF	UBUS	0.09	8.9960e-003
tblVehicleEF	UBUS	2.9590e-003	0.00
tblVehicleEF	UBUS	0.68	0.04
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.80	0.06
tblVehicleEF	UBUS	9.5330e-003	1.7270e-003
tblVehicleEF	UBUS	1.3200e-003	1.0800e-004
tblVehicleEF	UBUS	5.4520e-003	0.03
tblVehicleEF	UBUS	0.09	8.9960e-003
tblVehicleEF	UBUS	2.9590e-003	0.00
tblVehicleEF	UBUS	2.96	2.38
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.88	0.06
tblVehicleTrips	ST_TR	0.00	25.70
tblVehicleTrips	SU_TR	0.00	25.70
tblVehicleTrips	WD_TR	27.92	25.70
tblWater	IndoorWaterUseRate	3,973,193.72	420,000.00



## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4348	2.1306	13.3644	0.0367	3.1040	0.0289	3.1329	0.7764	0.0270	0.8035		3,793.5849	3,793.5849	0.1987		3,798.5535
Unmitigated	1.4348	2.1306	13.3644	0.0367	3.1040	0.0289	3.1329	0.7764	0.0270	0.8035		3,793.5849	3,793.5849	0.1987		3,798.5535

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government (Civic Center)	514.00	514.00	514.00	1,587,299	1,587,299
Parking Lot	0.00	0.00	0.00		
Total	514.00	514.00	514.00	1,587,299	1,587,299

### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government (Civic Center)	0.514588	0.039887	0.224731	0.136880	0.026508	0.006617	0.013794	0.029569	0.001065	0.001526	0.003347	0.000595	0.000894
Parking Lot	0.514588	0.039887	0.224731	0.136880	0.026508	0.006617	0.013794	0.029569	0.001065	0.001526	0.003347	0.000595	0.000894

## 5.0 Energy Detail

Historical Energy Use: N

### 5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	5.4000e-003	0.0491	0.0412	2.9000e-004		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		58.9202	58.9202	1.1300e-003	1.0800e-003	59.2704
NaturalGas Unmitigated	5.4000e-003	0.0491	0.0412	2.9000e-004		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		58.9202	58.9202	1.1300e-003	1.0800e-003	59.2704

### 5.2 Energy by Land Use - NaturalGas

#### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government (Civic Center)	500.822	5.4000e-003	0.0491	0.0412	2.9000e-004		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		58.9202	58.9202	1.1300e-003	1.0800e-003	59.2704
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>5.4000e-003</b>	<b>0.0491</b>	<b>0.0412</b>	<b>2.9000e-004</b>		<b>3.7300e-003</b>	<b>3.7300e-003</b>		<b>3.7300e-003</b>	<b>3.7300e-003</b>		<b>58.9202</b>	<b>58.9202</b>	<b>1.1300e-003</b>	<b>1.0800e-003</b>	<b>59.2704</b>

#### Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government (Civic Center)	0.500822	5.4000e-003	0.0491	0.0412	2.9000e-004		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		58.9202	58.9202	1.1300e-003	1.0800e-003	59.2704
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>5.4000e-003</b>	<b>0.0491</b>	<b>0.0412</b>	<b>2.9000e-004</b>		<b>3.7300e-003</b>	<b>3.7300e-003</b>		<b>3.7300e-003</b>	<b>3.7300e-003</b>		<b>58.9202</b>	<b>58.9202</b>	<b>1.1300e-003</b>	<b>1.0800e-003</b>	<b>59.2704</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4506	4.0000e-005	4.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.7500e-003	8.7500e-003	2.0000e-005		9.3300e-003
Unmitigated	0.4506	4.0000e-005	4.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.7500e-003	8.7500e-003	2.0000e-005		9.3300e-003

### 6.2 Area by SubCategory

#### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3988					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.8000e-004	4.0000e-005	4.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.7500e-003	8.7500e-003	2.0000e-005		9.3300e-003
<b>Total</b>	<b>0.4506</b>	<b>4.0000e-005</b>	<b>4.0800e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>8.7500e-003</b>	<b>8.7500e-003</b>	<b>2.0000e-005</b>		<b>9.3300e-003</b>

#### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3988					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.8000e-004	4.0000e-005	4.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.7500e-003	8.7500e-003	2.0000e-005		9.3300e-003
<b>Total</b>	<b>0.4506</b>	<b>4.0000e-005</b>	<b>4.0800e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>8.7500e-003</b>	<b>8.7500e-003</b>	<b>2.0000e-005</b>		<b>9.3300e-003</b>

## 7.0 Water Detail

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### 7.1 Mitigation Measures Water

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

## 9.0 Operational Offroad

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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## 10.0 Stationary Equipment

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### Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	2	50	54	0.73	Diesel

### Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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### User Defined Equipment

Equipment Type	Number
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## 10.1 Stationary Sources

### Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	lb/day										lb/day						
Emergency Generator - Diesel (50.75 HP)	0.1772	0.5779	0.6431	8.5000e-004		0.0261	0.0261		0.0261	0.0261		90.6675	90.6675	0.0127			90.9853
<b>Total</b>	<b>0.1772</b>	<b>0.5779</b>	<b>0.6431</b>	<b>8.5000e-004</b>		<b>0.0261</b>	<b>0.0261</b>		<b>0.0261</b>	<b>0.0261</b>		<b>90.6675</b>	<b>90.6675</b>	<b>0.0127</b>			<b>90.9853</b>

## 11.0 Vegetation

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**Operations LSTs**

Pollutant	Receptor at 25 meters	
	Acres	
	2	
NOX	108	
CO	1,048	
PM10	2	
PM2.5	2	

Notes:

Source Receptor Area: 1, Central LA

<http://www.aqmd.gov/docs/default-source/default-document-library/map-of-monitoring-areas.pdf>

LST Tables

<http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/appendix-c-mass-rate-lst-look-up-tables.pdf?sfvrsn=2>

# Operations GHG Emissions

**Project Operations GHG Summary**

<b>Source Category</b>	<b>MTCO<sub>2</sub>e/year</b>
Area	0.0011
Electricity	91.09
Natural Gas	9.81
Mobile	633.50
Waste	13.76
Water	10.38
Stationary	1.03
Construction	19.40
<b>Total Project Emissions</b>	<b>778.97</b>

LABOE-Slauson Recreation Center-Operations - South Coast AQMD Air District, Annual

**LABOE-Slauson Recreation Center-Operations  
South Coast AQMD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	20.00	1000sqft	2.12	20,000.00	0
Parking Lot	20.00	Space	0.18	8,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	8	<b>Operational Year</b>	2023		
<b>Utility Company</b>	Los Angeles Department of Water & Power				
<b>CO2 Intensity (lb/MW hr)</b>	663	<b>CH4 Intensity (lb/MW hr)</b>	0.026	<b>N2O Intensity (lb/MW hr)</b>	0.003

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - GHG emission factors based on LADWPs power mix for 2023.

Land Use - Parcel has total acreage of 2.3 acres.

Vehicle Trips - Trip rate consistent with Traffic Study.

Vehicle Emission Factors - Emission factors updated with EMFAC2021 values.

Vehicle Emission Factors - Emission factors updated with EMFAC2021 values.

Vehicle Emission Factors - Emission factors updated with EMFAC2021 values.

Energy Use - Electricity factors updated to result in annual electricity consumption of 300,000 kWh per year.

Water And Wastewater - Indoor water consumption based on project specific information provided by applicant.

Stationary Sources - Emergency Generators and Fire Pumps - Project would have a 54 HP diesel powered emergency generator, maintenance and testing

Waste Mitigation - Waste diversion rate consistent with City of LA.

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	4.34	4.64
tblEnergyUse	NT24E	4.94	5.29
tblEnergyUse	T24E	4.71	5.04
tblFleetMix	HHD	0.03	0.03
tblFleetMix	HHD	0.03	0.03
tblFleetMix	LDA	0.55	0.51
tblFleetMix	LDA	0.55	0.51
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.20	0.22
tblFleetMix	LDT2	0.20	0.22
tblFleetMix	LHD1	0.02	0.03
tblFleetMix	LHD1	0.02	0.03
tblFleetMix	LHD2	5.8250e-003	6.6170e-003
tblFleetMix	LHD2	5.8250e-003	6.6170e-003
tblFleetMix	MCY	4.8760e-003	3.3470e-003
tblFleetMix	MCY	4.8760e-003	3.3470e-003
tblFleetMix	MDV	0.12	0.14
tblFleetMix	MDV	0.12	0.14
tblFleetMix	MH	8.6800e-004	8.9400e-004
tblFleetMix	MH	8.6800e-004	8.9400e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.1230e-003	1.0650e-003
tblFleetMix	OBUS	2.1230e-003	1.0650e-003
tblFleetMix	SBUS	7.1000e-004	5.9500e-004
tblFleetMix	SBUS	7.1000e-004	5.9500e-004
tblFleetMix	UBUS	1.7800e-003	1.5260e-003

tblFleetMix	UBUS	1.7800e-003	1.5260e-003
tblLandUse	LotAcreage	0.46	2.12
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.026
tblProjectCharacteristics	CO2IntensityFactor	1227.89	663
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleEF	HHD	0.55	0.16
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.68	5.38
tblVehicleEF	HHD	0.89	0.50
tblVehicleEF	HHD	2.88	4.4560e-003
tblVehicleEF	HHD	4,676.01	868.57
tblVehicleEF	HHD	1,529.62	1,579.68
tblVehicleEF	HHD	9.29	0.05
tblVehicleEF	HHD	14.62	4.28
tblVehicleEF	HHD	1.78	1.79
tblVehicleEF	HHD	19.69	2.62
tblVehicleEF	HHD	9.0010e-003	2.3620e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9470e-003	0.03
tblVehicleEF	HHD	7.9000e-005	2.0000e-006
tblVehicleEF	HHD	8.6120e-003	2.2560e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8400e-003
tblVehicleEF	HHD	5.6890e-003	0.02
tblVehicleEF	HHD	7.3000e-005	1.0000e-006
tblVehicleEF	HHD	9.8000e-005	4.0700e-004
tblVehicleEF	HHD	3.9810e-003	1.0800e-004
tblVehicleEF	HHD	0.43	0.35

tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.1400e-004	9.2600e-004
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.04	7.7430e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.4000e-004	1.0000e-006
tblVehicleEF	HHD	9.8000e-005	4.0700e-004
tblVehicleEF	HHD	3.9810e-003	1.0800e-004
tblVehicleEF	HHD	0.50	0.53
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	0.17	0.09
tblVehicleEF	HHD	3.1400e-004	9.2600e-004
tblVehicleEF	HHD	0.07	1.0000e-006
tblVehicleEF	HHD	0.52	0.16
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.22	5.31
tblVehicleEF	HHD	0.89	0.50
tblVehicleEF	HHD	2.73	4.2320e-003
tblVehicleEF	HHD	4,953.81	859.25
tblVehicleEF	HHD	1,529.62	1,579.68
tblVehicleEF	HHD	9.29	0.05
tblVehicleEF	HHD	15.09	4.09
tblVehicleEF	HHD	1.68	1.69
tblVehicleEF	HHD	19.68	2.62
tblVehicleEF	HHD	7.5890e-003	2.0730e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9470e-003	0.03

tblVehicleEF	HHD	7.9000e-005	2.0000e-006
tblVehicleEF	HHD	7.2610e-003	1.9800e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8400e-003
tblVehicleEF	HHD	5.6890e-003	0.02
tblVehicleEF	HHD	7.3000e-005	1.0000e-006
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tblVehicleEF	HHD	4.1620e-003	1.1500e-004
tblVehicleEF	HHD	0.40	0.36
tblVehicleEF	HHD	1.0800e-004	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.0700e-004	9.4600e-004
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.05	7.6550e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3800e-004	1.0000e-006
tblVehicleEF	HHD	1.5700e-004	5.2500e-004
tblVehicleEF	HHD	4.1620e-003	1.1500e-004
tblVehicleEF	HHD	0.48	0.56
tblVehicleEF	HHD	1.0800e-004	0.00
tblVehicleEF	HHD	0.17	0.09
tblVehicleEF	HHD	3.0700e-004	9.4600e-004
tblVehicleEF	HHD	0.07	0.00
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tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	2.32	5.48
tblVehicleEF	HHD	0.89	0.50
tblVehicleEF	HHD	2.90	4.4890e-003
tblVehicleEF	HHD	4,292.37	881.45



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tblVehicleEF	HHD	13.97	4.54
tblVehicleEF	HHD	1.75	1.76
tblVehicleEF	HHD	19.69	2.62
tblVehicleEF	HHD	0.01	2.7610e-003
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tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9470e-003	0.03
tblVehicleEF	HHD	7.9000e-005	2.0000e-006
tblVehicleEF	HHD	0.01	2.6370e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8400e-003
tblVehicleEF	HHD	5.6890e-003	0.02
tblVehicleEF	HHD	7.3000e-005	1.0000e-006
tblVehicleEF	HHD	9.1000e-005	4.0500e-004
tblVehicleEF	HHD	4.2250e-003	1.0700e-004
tblVehicleEF	HHD	0.46	0.32
tblVehicleEF	HHD	6.7000e-005	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.4100e-004	9.7100e-004
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tblVehicleEF	HHD	0.04	7.8650e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.4000e-004	1.0000e-006
tblVehicleEF	HHD	9.1000e-005	4.0500e-004
tblVehicleEF	HHD	4.2250e-003	1.0700e-004
tblVehicleEF	HHD	0.54	0.50
tblVehicleEF	HHD	6.7000e-005	0.00
tblVehicleEF	HHD	0.17	0.09

tblVehicleEF	HHD	3.4100e-004	9.7100e-004
tblVehicleEF	HHD	0.07	1.0000e-006
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tblVehicleEF	LDA	0.06	0.25
tblVehicleEF	LDA	0.04	8.0380e-003
tblVehicleEF	LDA	1.9480e-003	1.4590e-003
tblVehicleEF	LDA	2.2420e-003	2.0830e-003
tblVehicleEF	LDA	0.02	2.8130e-003
tblVehicleEF	LDA	1.7950e-003	1.3430e-003
tblVehicleEF	LDA	2.0620e-003	1.9150e-003
tblVehicleEF	LDA	0.04	0.31
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.32
tblVehicleEF	LDA	2.5360e-003	2.7150e-003
tblVehicleEF	LDA	5.6300e-004	6.7000e-004
tblVehicleEF	LDA	0.04	0.31
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.35

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tblVehicleEF	LDA	0.06	0.23
tblVehicleEF	LDA	0.04	8.0380e-003
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tblVehicleEF	LDA	2.2420e-003	2.0830e-003
tblVehicleEF	LDA	0.02	2.8130e-003
tblVehicleEF	LDA	1.7950e-003	1.3430e-003
tblVehicleEF	LDA	2.0620e-003	1.9150e-003
tblVehicleEF	LDA	0.06	0.37
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.05	0.28
tblVehicleEF	LDA	2.6730e-003	2.8590e-003
tblVehicleEF	LDA	5.6100e-004	6.6200e-004
tblVehicleEF	LDA	0.06	0.37
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.06	0.31
tblVehicleEF	LDA	4.1700e-003	2.6980e-003
tblVehicleEF	LDA	4.5790e-003	0.07

tblVehicleEF	LDA	0.55	0.73
tblVehicleEF	LDA	1.03	3.13
tblVehicleEF	LDA	248.85	269.98
tblVehicleEF	LDA	54.67	67.96
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.06	0.25
tblVehicleEF	LDA	0.04	8.0380e-003
tblVehicleEF	LDA	1.9480e-003	1.4590e-003
tblVehicleEF	LDA	2.2420e-003	2.0830e-003
tblVehicleEF	LDA	0.02	2.8130e-003
tblVehicleEF	LDA	1.7950e-003	1.3430e-003
tblVehicleEF	LDA	2.0620e-003	1.9150e-003
tblVehicleEF	LDA	0.03	0.30
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.33
tblVehicleEF	LDA	2.4920e-003	2.6690e-003
tblVehicleEF	LDA	5.6400e-004	6.7200e-004
tblVehicleEF	LDA	0.03	0.30
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.36
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	1.36	2.06
tblVehicleEF	LDT1	2.49	6.01

tblVehicleEF	LDT1	319.06	348.44
tblVehicleEF	LDT1	67.76	89.48
tblVehicleEF	LDT1	0.13	0.19
tblVehicleEF	LDT1	0.15	0.44
tblVehicleEF	LDT1	0.04	0.01
tblVehicleEF	LDT1	2.9770e-003	2.6600e-003
tblVehicleEF	LDT1	3.2520e-003	3.4270e-003
tblVehicleEF	LDT1	0.02	3.5860e-003
tblVehicleEF	LDT1	2.7410e-003	2.4480e-003
tblVehicleEF	LDT1	2.9900e-003	3.1510e-003
tblVehicleEF	LDT1	0.13	0.81
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.16	0.61
tblVehicleEF	LDT1	0.17	0.63
tblVehicleEF	LDT1	3.2070e-003	3.4450e-003
tblVehicleEF	LDT1	7.2100e-004	8.8500e-004
tblVehicleEF	LDT1	0.13	0.81
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.04	0.07
tblVehicleEF	LDT1	0.16	0.61
tblVehicleEF	LDT1	0.19	0.69
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	1.50	2.48
tblVehicleEF	LDT1	2.12	5.11
tblVehicleEF	LDT1	334.98	365.16
tblVehicleEF	LDT1	67.76	87.79

tblVehicleEF	LDT1	0.11	0.16
tblVehicleEF	LDT1	0.14	0.41
tblVehicleEF	LDT1	0.04	0.01
tblVehicleEF	LDT1	2.9770e-003	2.6600e-003
tblVehicleEF	LDT1	3.2520e-003	3.4270e-003
tblVehicleEF	LDT1	0.02	3.5860e-003
tblVehicleEF	LDT1	2.7410e-003	2.4480e-003
tblVehicleEF	LDT1	2.9900e-003	3.1510e-003
tblVehicleEF	LDT1	0.21	0.97
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.15	0.62
tblVehicleEF	LDT1	0.15	0.56
tblVehicleEF	LDT1	3.3680e-003	3.6100e-003
tblVehicleEF	LDT1	7.1500e-004	8.6800e-004
tblVehicleEF	LDT1	0.21	0.97
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.05	0.07
tblVehicleEF	LDT1	0.15	0.62
tblVehicleEF	LDT1	0.16	0.61
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.01	0.12
tblVehicleEF	LDT1	1.31	1.93
tblVehicleEF	LDT1	2.56	6.20
tblVehicleEF	LDT1	313.74	342.87
tblVehicleEF	LDT1	67.76	89.82
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tblVehicleEF	LDT1	0.15	0.45

tblVehicleEF	LDT1	0.04	0.01
tblVehicleEF	LDT1	2.9770e-003	2.6600e-003
tblVehicleEF	LDT1	3.2520e-003	3.4270e-003
tblVehicleEF	LDT1	0.02	3.5860e-003
tblVehicleEF	LDT1	2.7410e-003	2.4480e-003
tblVehicleEF	LDT1	2.9900e-003	3.1510e-003
tblVehicleEF	LDT1	0.12	0.79
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.19	0.63
tblVehicleEF	LDT1	0.17	0.65
tblVehicleEF	LDT1	3.1530e-003	3.3900e-003
tblVehicleEF	LDT1	7.2200e-004	8.8800e-004
tblVehicleEF	LDT1	0.12	0.79
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.04	0.07
tblVehicleEF	LDT1	0.19	0.63
tblVehicleEF	LDT1	0.19	0.71
tblVehicleEF	LDT2	5.9480e-003	3.7550e-003
tblVehicleEF	LDT2	5.6730e-003	0.08
tblVehicleEF	LDT2	0.75	0.99
tblVehicleEF	LDT2	1.24	3.59
tblVehicleEF	LDT2	356.06	358.97
tblVehicleEF	LDT2	75.77	88.22
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.04	9.7210e-003
tblVehicleEF	LDT2	1.9880e-003	1.5600e-003

tblVehicleEF	LDT2	2.3560e-003	2.1550e-003
tblVehicleEF	LDT2	0.02	3.4020e-003
tblVehicleEF	LDT2	1.8280e-003	1.4350e-003
tblVehicleEF	LDT2	2.1660e-003	1.9820e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.08	0.38
tblVehicleEF	LDT2	3.5660e-003	3.5480e-003
tblVehicleEF	LDT2	7.7800e-004	8.7200e-004
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.08	0.42
tblVehicleEF	LDT2	6.3690e-003	3.8990e-003
tblVehicleEF	LDT2	5.0330e-003	0.07
tblVehicleEF	LDT2	0.83	1.19
tblVehicleEF	LDT2	1.06	3.06
tblVehicleEF	LDT2	374.47	374.29
tblVehicleEF	LDT2	75.77	87.24
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	0.04	9.7210e-003
tblVehicleEF	LDT2	1.9880e-003	1.5600e-003
tblVehicleEF	LDT2	2.3560e-003	2.1550e-003
tblVehicleEF	LDT2	0.02	3.4020e-003



tblVehicleEF	LDT2	1.8280e-003	1.4350e-003
tblVehicleEF	LDT2	2.1660e-003	1.9820e-003
tblVehicleEF	LDT2	0.07	0.36
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.07	0.34
tblVehicleEF	LDT2	3.7510e-003	3.7000e-003
tblVehicleEF	LDT2	7.7500e-004	8.6300e-004
tblVehicleEF	LDT2	0.07	0.36
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.07	0.37
tblVehicleEF	LDT2	5.8200e-003	3.7190e-003
tblVehicleEF	LDT2	5.8050e-003	0.08
tblVehicleEF	LDT2	0.72	0.92
tblVehicleEF	LDT2	1.27	3.70
tblVehicleEF	LDT2	349.95	353.85
tblVehicleEF	LDT2	75.77	88.43
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.04	9.7210e-003
tblVehicleEF	LDT2	1.9880e-003	1.5600e-003
tblVehicleEF	LDT2	2.3560e-003	2.1550e-003
tblVehicleEF	LDT2	0.02	3.4020e-003
tblVehicleEF	LDT2	1.8280e-003	1.4350e-003
tblVehicleEF	LDT2	2.1660e-003	1.9820e-003

tblVehicleEF	LDT2	0.04	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.22
tblVehicleEF	LDT2	0.08	0.39
tblVehicleEF	LDT2	3.5050e-003	3.4980e-003
tblVehicleEF	LDT2	7.7900e-004	8.7400e-004
tblVehicleEF	LDT2	0.04	0.31
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.22
tblVehicleEF	LDT2	0.09	0.43
tblVehicleEF	LHD1	5.2150e-003	5.6720e-003
tblVehicleEF	LHD1	9.8020e-003	5.5600e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.20
tblVehicleEF	LHD1	0.74	0.82
tblVehicleEF	LHD1	2.42	2.09
tblVehicleEF	LHD1	9.02	8.78
tblVehicleEF	LHD1	594.74	586.76
tblVehicleEF	LHD1	31.51	18.17
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.09	0.64
tblVehicleEF	LHD1	0.94	0.45
tblVehicleEF	LHD1	8.6400e-004	6.5700e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.4010e-003
tblVehicleEF	LHD1	9.8040e-003	9.3540e-003

tblVehicleEF	LHD1	8.9300e-004	2.5300e-004
tblVehicleEF	LHD1	8.2600e-004	6.2900e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5390e-003	2.3500e-003
tblVehicleEF	LHD1	9.3560e-003	8.9210e-003
tblVehicleEF	LHD1	8.2100e-004	2.3300e-004
tblVehicleEF	LHD1	3.0350e-003	0.14
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.30	0.19
tblVehicleEF	LHD1	0.24	0.12
tblVehicleEF	LHD1	9.0000e-005	8.6000e-005
tblVehicleEF	LHD1	5.8330e-003	5.7300e-003
tblVehicleEF	LHD1	3.6000e-004	1.8000e-004
tblVehicleEF	LHD1	3.0350e-003	0.14
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	0.00
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.30	0.19
tblVehicleEF	LHD1	0.26	0.13
tblVehicleEF	LHD1	5.2150e-003	5.6900e-003
tblVehicleEF	LHD1	0.01	5.6630e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.20
tblVehicleEF	LHD1	0.75	0.83
tblVehicleEF	LHD1	2.30	2.00
tblVehicleEF	LHD1	9.02	8.78

tblVehicleEF	LHD1	594.74	586.79
tblVehicleEF	LHD1	31.51	18.01
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.02	0.60
tblVehicleEF	LHD1	0.91	0.43
tblVehicleEF	LHD1	8.6400e-004	6.5700e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.4010e-003
tblVehicleEF	LHD1	9.8040e-003	9.3540e-003
tblVehicleEF	LHD1	8.9300e-004	2.5300e-004
tblVehicleEF	LHD1	8.2600e-004	6.2900e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5390e-003	2.3500e-003
tblVehicleEF	LHD1	9.3560e-003	8.9210e-003
tblVehicleEF	LHD1	8.2100e-004	2.3300e-004
tblVehicleEF	LHD1	4.7330e-003	0.17
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.7000e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.29	0.20
tblVehicleEF	LHD1	0.23	0.11
tblVehicleEF	LHD1	9.0000e-005	8.6000e-005
tblVehicleEF	LHD1	5.8330e-003	5.7300e-003
tblVehicleEF	LHD1	3.5800e-004	1.7800e-004
tblVehicleEF	LHD1	4.7330e-003	0.17
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.7000e-003	0.00
tblVehicleEF	LHD1	0.08	0.07

tblVehicleEF	LHD1	0.29	0.20
tblVehicleEF	LHD1	0.25	0.12
tblVehicleEF	LHD1	5.2150e-003	5.6690e-003
tblVehicleEF	LHD1	9.7560e-003	5.5380e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.20
tblVehicleEF	LHD1	0.73	0.81
tblVehicleEF	LHD1	2.43	2.11
tblVehicleEF	LHD1	9.02	8.78
tblVehicleEF	LHD1	594.74	586.76
tblVehicleEF	LHD1	31.51	18.19
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.07	0.63
tblVehicleEF	LHD1	0.95	0.45
tblVehicleEF	LHD1	8.6400e-004	6.5700e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.4010e-003
tblVehicleEF	LHD1	9.8040e-003	9.3540e-003
tblVehicleEF	LHD1	8.9300e-004	2.5300e-004
tblVehicleEF	LHD1	8.2600e-004	6.2900e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5390e-003	2.3500e-003
tblVehicleEF	LHD1	9.3560e-003	8.9210e-003
tblVehicleEF	LHD1	8.2100e-004	2.3300e-004
tblVehicleEF	LHD1	3.0640e-003	0.14
tblVehicleEF	LHD1	0.11	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7650e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.32	0.20

tblVehicleEF	LHD1	0.24	0.12
tblVehicleEF	LHD1	9.0000e-005	8.6000e-005
tblVehicleEF	LHD1	5.8330e-003	5.7290e-003
tblVehicleEF	LHD1	3.6100e-004	1.8000e-004
tblVehicleEF	LHD1	3.0640e-003	0.14
tblVehicleEF	LHD1	0.11	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7650e-003	0.00
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.32	0.20
tblVehicleEF	LHD1	0.26	0.13
tblVehicleEF	LHD2	3.6920e-003	3.9370e-003
tblVehicleEF	LHD2	3.6770e-003	4.3560e-003
tblVehicleEF	LHD2	7.3690e-003	0.02
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.32	0.47
tblVehicleEF	LHD2	1.21	1.35
tblVehicleEF	LHD2	13.71	13.39
tblVehicleEF	LHD2	607.87	641.89
tblVehicleEF	LHD2	26.42	11.75
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.68	0.82
tblVehicleEF	LHD2	0.50	0.30
tblVehicleEF	LHD2	1.1660e-003	1.1990e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.0030e-003	0.01
tblVehicleEF	LHD2	4.2200e-004	1.3000e-004
tblVehicleEF	LHD2	1.1160e-003	1.1470e-003
tblVehicleEF	LHD2	0.04	0.03

tblVehicleEF	LHD2	2.6680e-003	2.6120e-003
tblVehicleEF	LHD2	8.6000e-003	0.01
tblVehicleEF	LHD2	3.8800e-004	1.2000e-004
tblVehicleEF	LHD2	1.0790e-003	0.09
tblVehicleEF	LHD2	0.03	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.9700e-004	0.00
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	1.3400e-004	1.2900e-004
tblVehicleEF	LHD2	5.9190e-003	6.1980e-003
tblVehicleEF	LHD2	2.8600e-004	1.1600e-004
tblVehicleEF	LHD2	1.0790e-003	0.09
tblVehicleEF	LHD2	0.03	0.02
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	6.9700e-004	0.00
tblVehicleEF	LHD2	0.05	0.08
tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.11	0.08
tblVehicleEF	LHD2	3.6920e-003	3.9490e-003
tblVehicleEF	LHD2	3.7200e-003	4.3920e-003
tblVehicleEF	LHD2	7.1240e-003	0.02
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.32	0.48
tblVehicleEF	LHD2	1.16	1.29
tblVehicleEF	LHD2	13.71	13.39
tblVehicleEF	LHD2	607.87	641.90
tblVehicleEF	LHD2	26.42	11.65
tblVehicleEF	LHD2	0.09	0.09

tblVehicleEF	LHD2	0.64	0.78
tblVehicleEF	LHD2	0.49	0.29
tblVehicleEF	LHD2	1.1660e-003	1.1990e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.0030e-003	0.01
tblVehicleEF	LHD2	4.2200e-004	1.3000e-004
tblVehicleEF	LHD2	1.1160e-003	1.1470e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6120e-003
tblVehicleEF	LHD2	8.6000e-003	0.01
tblVehicleEF	LHD2	3.8800e-004	1.2000e-004
tblVehicleEF	LHD2	1.6790e-003	0.10
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0330e-003	0.00
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.10	0.07
tblVehicleEF	LHD2	1.3400e-004	1.2900e-004
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tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.0330e-003	0.00
tblVehicleEF	LHD2	0.05	0.08
tblVehicleEF	LHD2	0.07	0.12
tblVehicleEF	LHD2	0.11	0.08
tblVehicleEF	LHD2	3.6920e-003	3.9350e-003



tblVehicleEF	LHD2	3.6660e-003	4.3480e-003
tblVehicleEF	LHD2	7.4110e-003	0.02
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.32	0.47
tblVehicleEF	LHD2	1.22	1.36
tblVehicleEF	LHD2	13.71	13.39
tblVehicleEF	LHD2	607.87	641.89
tblVehicleEF	LHD2	26.42	11.77
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.67	0.81
tblVehicleEF	LHD2	0.51	0.30
tblVehicleEF	LHD2	1.1660e-003	1.1990e-003
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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.0030e-003	0.01
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tblVehicleEF	LHD2	8.6000e-003	0.01
tblVehicleEF	LHD2	3.8800e-004	1.2000e-004
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tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6900e-004	0.00
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	0.08	0.12
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	1.3400e-004	1.2900e-004
tblVehicleEF	LHD2	5.9190e-003	6.1980e-003

tblVehicleEF	LHD2	2.8600e-004	1.1600e-004
tblVehicleEF	LHD2	1.0460e-003	0.09
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	6.6900e-004	0.00
tblVehicleEF	LHD2	0.05	0.08
tblVehicleEF	LHD2	0.08	0.12
tblVehicleEF	LHD2	0.11	0.08
tblVehicleEF	MCY	0.51	0.19
tblVehicleEF	MCY	0.15	0.18
tblVehicleEF	MCY	18.57	14.68
tblVehicleEF	MCY	9.66	7.24
tblVehicleEF	MCY	183.25	196.02
tblVehicleEF	MCY	44.44	51.31
tblVehicleEF	MCY	1.13	0.58
tblVehicleEF	MCY	0.31	0.15
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.3160e-003	2.1840e-003
tblVehicleEF	MCY	3.5910e-003	3.5520e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.1630e-003	2.0430e-003
tblVehicleEF	MCY	3.3760e-003	3.3430e-003
tblVehicleEF	MCY	1.17	2.15
tblVehicleEF	MCY	0.66	3.61
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.45	1.22
tblVehicleEF	MCY	0.59	3.69
tblVehicleEF	MCY	2.04	1.32
tblVehicleEF	MCY	2.2100e-003	1.9380e-003
tblVehicleEF	MCY	6.6200e-004	5.0700e-004

tblVehicleEF	MCY	1.17	2.15
tblVehicleEF	MCY	0.66	3.61
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	3.06	1.46
tblVehicleEF	MCY	0.59	3.69
tblVehicleEF	MCY	2.22	1.43
tblVehicleEF	MCY	0.50	0.18
tblVehicleEF	MCY	0.13	0.16
tblVehicleEF	MCY	18.11	14.36
tblVehicleEF	MCY	8.87	6.69
tblVehicleEF	MCY	183.25	195.38
tblVehicleEF	MCY	44.44	49.90
tblVehicleEF	MCY	0.98	0.51
tblVehicleEF	MCY	0.29	0.14
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.3160e-003	2.1840e-003
tblVehicleEF	MCY	3.5910e-003	3.5520e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.1630e-003	2.0430e-003
tblVehicleEF	MCY	3.3760e-003	3.3430e-003
tblVehicleEF	MCY	1.97	2.81
tblVehicleEF	MCY	0.78	3.72
tblVehicleEF	MCY	1.23	0.00
tblVehicleEF	MCY	2.40	1.18
tblVehicleEF	MCY	0.56	3.69
tblVehicleEF	MCY	1.82	1.16
tblVehicleEF	MCY	2.2010e-003	1.9320e-003
tblVehicleEF	MCY	6.4300e-004	4.9300e-004
tblVehicleEF	MCY	1.97	2.81
tblVehicleEF	MCY	0.78	3.72

tblVehicleEF	MCY	1.23	0.00
tblVehicleEF	MCY	3.00	1.42
tblVehicleEF	MCY	0.56	3.69
tblVehicleEF	MCY	1.98	1.26
tblVehicleEF	MCY	0.51	0.19
tblVehicleEF	MCY	0.15	0.18
tblVehicleEF	MCY	18.59	14.67
tblVehicleEF	MCY	9.77	7.30
tblVehicleEF	MCY	183.25	196.02
tblVehicleEF	MCY	44.44	51.48
tblVehicleEF	MCY	1.10	0.57
tblVehicleEF	MCY	0.31	0.15
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.3160e-003	2.1840e-003
tblVehicleEF	MCY	3.5910e-003	3.5520e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.1630e-003	2.0430e-003
tblVehicleEF	MCY	3.3760e-003	3.3430e-003
tblVehicleEF	MCY	1.25	2.12
tblVehicleEF	MCY	0.85	3.60
tblVehicleEF	MCY	0.66	0.00
tblVehicleEF	MCY	2.46	1.22
tblVehicleEF	MCY	0.68	3.98
tblVehicleEF	MCY	2.07	1.34
tblVehicleEF	MCY	2.2110e-003	1.9380e-003
tblVehicleEF	MCY	6.6500e-004	5.0900e-004
tblVehicleEF	MCY	1.25	2.12
tblVehicleEF	MCY	0.85	3.60
tblVehicleEF	MCY	0.66	0.00
tblVehicleEF	MCY	3.07	1.47

tblVehicleEF	MCY	0.68	3.98
tblVehicleEF	MCY	2.25	1.46
tblVehicleEF	MDV	0.01	5.6080e-003
tblVehicleEF	MDV	0.01	0.11
tblVehicleEF	MDV	1.17	1.25
tblVehicleEF	MDV	2.30	4.01
tblVehicleEF	MDV	483.05	438.32
tblVehicleEF	MDV	101.29	107.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.20	0.46
tblVehicleEF	MDV	0.04	9.8900e-003
tblVehicleEF	MDV	2.0950e-003	1.6930e-003
tblVehicleEF	MDV	2.4110e-003	2.2920e-003
tblVehicleEF	MDV	0.02	3.4610e-003
tblVehicleEF	MDV	1.9310e-003	1.5610e-003
tblVehicleEF	MDV	2.2170e-003	2.1080e-003
tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.29
tblVehicleEF	MDV	0.17	0.54
tblVehicleEF	MDV	4.8370e-003	4.3310e-003
tblVehicleEF	MDV	1.0530e-003	1.0610e-003
tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.09	0.29
tblVehicleEF	MDV	0.19	0.59

tblVehicleEF	MDV	0.01	5.8220e-003
tblVehicleEF	MDV	0.01	0.10
tblVehicleEF	MDV	1.30	1.50
tblVehicleEF	MDV	1.97	3.42
tblVehicleEF	MDV	507.73	454.86
tblVehicleEF	MDV	101.29	106.17
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.19	0.43
tblVehicleEF	MDV	0.04	9.8900e-003
tblVehicleEF	MDV	2.0950e-003	1.6930e-003
tblVehicleEF	MDV	2.4110e-003	2.2920e-003
tblVehicleEF	MDV	0.02	3.4610e-003
tblVehicleEF	MDV	1.9310e-003	1.5610e-003
tblVehicleEF	MDV	2.2170e-003	2.1080e-003
tblVehicleEF	MDV	0.12	0.47
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.30
tblVehicleEF	MDV	0.15	0.47
tblVehicleEF	MDV	5.0860e-003	4.4940e-003
tblVehicleEF	MDV	1.0470e-003	1.0500e-003
tblVehicleEF	MDV	0.12	0.47
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.09	0.30
tblVehicleEF	MDV	0.17	0.52
tblVehicleEF	MDV	0.01	5.5520e-003
tblVehicleEF	MDV	0.01	0.11

tblVehicleEF	MDV	1.12	1.17
tblVehicleEF	MDV	2.36	4.13
tblVehicleEF	MDV	474.94	432.93
tblVehicleEF	MDV	101.29	107.54
tblVehicleEF	MDV	0.12	0.13
tblVehicleEF	MDV	0.21	0.47
tblVehicleEF	MDV	0.04	9.8900e-003
tblVehicleEF	MDV	2.0950e-003	1.6930e-003
tblVehicleEF	MDV	2.4110e-003	2.2920e-003
tblVehicleEF	MDV	0.02	3.4610e-003
tblVehicleEF	MDV	1.9310e-003	1.5610e-003
tblVehicleEF	MDV	2.2170e-003	2.1080e-003
tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.17	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.30
tblVehicleEF	MDV	0.18	0.55
tblVehicleEF	MDV	4.7550e-003	4.2780e-003
tblVehicleEF	MDV	1.0540e-003	1.0630e-003
tblVehicleEF	MDV	0.07	0.40
tblVehicleEF	MDV	0.17	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.30
tblVehicleEF	MDV	0.19	0.60
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.75	1.37
tblVehicleEF	MH	5.12	2.43

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tblVehicleEF	MH	58.67	22.69
tblVehicleEF	MH	1.14	1.35
tblVehicleEF	MH	0.75	0.29
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.0060e-003	3.1100e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2200e-003	3.2870e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	9.2500e-004	2.8600e-004
tblVehicleEF	MH	0.95	33.65
tblVehicleEF	MH	0.06	8.76
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.30	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.7600e-004	2.2400e-004
tblVehicleEF	MH	0.95	33.65
tblVehicleEF	MH	0.06	8.76
tblVehicleEF	MH	0.39	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.32	0.12
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.79	1.41
tblVehicleEF	MH	4.82	2.29



tblVehicleEF	MH	1,098.66	1,549.54
tblVehicleEF	MH	58.67	22.45
tblVehicleEF	MH	1.05	1.26
tblVehicleEF	MH	0.72	0.28
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.0060e-003	3.1100e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2200e-003	3.2870e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	9.2500e-004	2.8600e-004
tblVehicleEF	MH	1.47	40.69
tblVehicleEF	MH	0.07	9.28
tblVehicleEF	MH	0.60	0.00
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.28	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.7100e-004	2.2200e-004
tblVehicleEF	MH	1.47	40.69
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tblVehicleEF	MH	0.60	0.00
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.31	0.12
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.73	1.37
tblVehicleEF	MH	5.17	2.45

tblVehicleEF	MH	1,098.66	1,549.46
tblVehicleEF	MH	58.67	22.73
tblVehicleEF	MH	1.12	1.33
tblVehicleEF	MH	0.75	0.29
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.0060e-003	3.1100e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2200e-003	3.2870e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	9.2500e-004	2.8600e-004
tblVehicleEF	MH	1.03	32.97
tblVehicleEF	MH	0.08	8.68
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.30	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.7700e-004	2.2500e-004
tblVehicleEF	MH	1.03	32.97
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tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.02	0.20
tblVehicleEF	MH	0.33	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.3510e-003	8.8020e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.34	0.65

tblVehicleEF	MHD	0.28	0.42
tblVehicleEF	MHD	5.31	1.41
tblVehicleEF	MHD	138.31	142.30
tblVehicleEF	MHD	1,125.72	1,209.77
tblVehicleEF	MHD	59.27	12.31
tblVehicleEF	MHD	0.37	0.77
tblVehicleEF	MHD	0.70	0.87
tblVehicleEF	MHD	10.61	1.29
tblVehicleEF	MHD	1.0200e-004	1.6960e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	2.8090e-003	0.01
tblVehicleEF	MHD	7.6600e-004	1.3700e-004
tblVehicleEF	MHD	9.7000e-005	1.6220e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	2.6840e-003	9.5890e-003
tblVehicleEF	MHD	7.0500e-004	1.2600e-004
tblVehicleEF	MHD	1.0820e-003	0.04
tblVehicleEF	MHD	0.04	8.9960e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	6.9100e-004	0.00
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.33	0.07
tblVehicleEF	MHD	1.3310e-003	1.3130e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.8600e-004	1.2200e-004
tblVehicleEF	MHD	1.0820e-003	0.04
tblVehicleEF	MHD	0.04	8.9960e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	6.9100e-004	0.00

tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.36	0.07
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tblVehicleEF	MHD	3.3970e-003	8.8640e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.25	0.59
tblVehicleEF	MHD	0.28	0.42
tblVehicleEF	MHD	5.04	1.34
tblVehicleEF	MHD	146.49	141.63
tblVehicleEF	MHD	1,125.72	1,209.78
tblVehicleEF	MHD	59.27	12.19
tblVehicleEF	MHD	0.38	0.74
tblVehicleEF	MHD	0.66	0.82
tblVehicleEF	MHD	10.58	1.29
tblVehicleEF	MHD	8.6000e-005	1.4380e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	2.8090e-003	0.01
tblVehicleEF	MHD	7.6600e-004	1.3700e-004
tblVehicleEF	MHD	8.2000e-005	1.3760e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	2.6840e-003	9.5890e-003
tblVehicleEF	MHD	7.0500e-004	1.2600e-004
tblVehicleEF	MHD	1.6890e-003	0.04
tblVehicleEF	MHD	0.04	9.4530e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	1.0300e-003	0.00
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.31	0.06

tblVehicleEF	MHD	1.4080e-003	1.3070e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.8100e-004	1.2100e-004
tblVehicleEF	MHD	1.6890e-003	0.04
tblVehicleEF	MHD	0.04	9.4530e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	1.0300e-003	0.00
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.34	0.07
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.3370e-003	8.7830e-003
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tblVehicleEF	MHD	0.47	0.75
tblVehicleEF	MHD	0.28	0.42
tblVehicleEF	MHD	5.36	1.42
tblVehicleEF	MHD	126.99	143.22
tblVehicleEF	MHD	1,125.72	1,209.76
tblVehicleEF	MHD	59.27	12.33
tblVehicleEF	MHD	0.35	0.79
tblVehicleEF	MHD	0.68	0.86
tblVehicleEF	MHD	10.62	1.29
tblVehicleEF	MHD	1.2400e-004	2.0520e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	2.8090e-003	0.01
tblVehicleEF	MHD	7.6600e-004	1.3700e-004
tblVehicleEF	MHD	1.1900e-004	1.9620e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	2.6840e-003	9.5890e-003
tblVehicleEF	MHD	7.0500e-004	1.2600e-004

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tblVehicleEF	MHD	0.05	8.9130e-003
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.6300e-004	0.00
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.33	0.07
tblVehicleEF	MHD	1.2250e-003	1.3220e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.8600e-004	1.2200e-004
tblVehicleEF	MHD	1.0540e-003	0.04
tblVehicleEF	MHD	0.05	8.9130e-003
tblVehicleEF	MHD	0.04	0.05
tblVehicleEF	MHD	6.6300e-004	0.00
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	0.02	0.07
tblVehicleEF	MHD	0.36	0.07
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	6.0000e-003	0.04
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.25	0.56
tblVehicleEF	OBUS	0.44	0.97
tblVehicleEF	OBUS	5.22	2.79
tblVehicleEF	OBUS	91.95	81.27
tblVehicleEF	OBUS	1,222.80	1,506.67
tblVehicleEF	OBUS	68.36	22.89
tblVehicleEF	OBUS	0.19	0.31
tblVehicleEF	OBUS	0.63	1.11
tblVehicleEF	OBUS	2.35	0.70
tblVehicleEF	OBUS	1.8000e-005	4.2900e-004

tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	2.5040e-003	0.02
tblVehicleEF	OBUS	8.5000e-004	2.1800e-004
tblVehicleEF	OBUS	1.7000e-005	4.1000e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	2.3790e-003	0.02
tblVehicleEF	OBUS	7.8100e-004	2.0000e-004
tblVehicleEF	OBUS	1.5080e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.8700e-004	0.00
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.33	0.14
tblVehicleEF	OBUS	8.8900e-004	7.4000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7500e-004	2.2600e-004
tblVehicleEF	OBUS	1.5080e-003	0.11
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tblVehicleEF	OBUS	7.8700e-004	0.00
tblVehicleEF	OBUS	0.05	0.10
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tblVehicleEF	OBUS	0.36	0.15
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	6.1100e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
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tblVehicleEF	OBUS	0.59	1.03
tblVehicleEF	OBUS	2.31	0.69
tblVehicleEF	OBUS	1.5000e-005	3.6800e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	2.5040e-003	0.02
tblVehicleEF	OBUS	8.5000e-004	2.1800e-004
tblVehicleEF	OBUS	1.4000e-005	3.5200e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	2.3790e-003	0.02
tblVehicleEF	OBUS	7.8100e-004	2.0000e-004
tblVehicleEF	OBUS	2.2910e-003	0.13
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.1730e-003	0.00
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.31	0.13
tblVehicleEF	OBUS	9.3200e-004	7.3400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7000e-004	2.2400e-004
tblVehicleEF	OBUS	2.2910e-003	0.13
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	1.1730e-003	0.00
tblVehicleEF	OBUS	0.05	0.10
tblVehicleEF	OBUS	0.04	0.12



tblVehicleEF	OBUS	0.34	0.14
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	5.9720e-003	0.04
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.25	0.57
tblVehicleEF	OBUS	0.44	0.96
tblVehicleEF	OBUS	5.27	2.82
tblVehicleEF	OBUS	85.78	82.24
tblVehicleEF	OBUS	1,222.80	1,506.66
tblVehicleEF	OBUS	68.36	22.94
tblVehicleEF	OBUS	0.18	0.33
tblVehicleEF	OBUS	0.62	1.08
tblVehicleEF	OBUS	2.35	0.70
tblVehicleEF	OBUS	2.1000e-005	5.1400e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	2.5040e-003	0.02
tblVehicleEF	OBUS	8.5000e-004	2.1800e-004
tblVehicleEF	OBUS	2.0000e-005	4.9100e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	2.3790e-003	0.02
tblVehicleEF	OBUS	7.8100e-004	2.0000e-004
tblVehicleEF	OBUS	1.5020e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.6600e-004	0.00
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.33	0.14
tblVehicleEF	OBUS	8.3000e-004	7.5000e-004
tblVehicleEF	OBUS	0.01	0.01

tblVehicleEF	OBUS	7.7600e-004	2.2700e-004
tblVehicleEF	OBUS	1.5020e-003	0.11
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	7.6600e-004	0.00
tblVehicleEF	OBUS	0.05	0.10
tblVehicleEF	OBUS	0.04	0.12
tblVehicleEF	OBUS	0.36	0.15
tblVehicleEF	SBUS	0.83	0.49
tblVehicleEF	SBUS	0.01	1.32
tblVehicleEF	SBUS	0.06	7.3760e-003
tblVehicleEF	SBUS	8.04	2.89
tblVehicleEF	SBUS	0.70	5.28
tblVehicleEF	SBUS	7.18	0.99
tblVehicleEF	SBUS	1,118.19	265.42
tblVehicleEF	SBUS	1,082.51	1,227.58
tblVehicleEF	SBUS	55.02	5.97
tblVehicleEF	SBUS	8.69	1.28
tblVehicleEF	SBUS	3.91	2.80
tblVehicleEF	SBUS	12.13	0.16
tblVehicleEF	SBUS	8.2920e-003	1.8560e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	7.8500e-004	5.6000e-005
tblVehicleEF	SBUS	7.9330e-003	1.7620e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6760e-003	2.5450e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	7.2100e-004	5.1000e-005

tblVehicleEF	SBUS	3.6590e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.96	0.29
tblVehicleEF	SBUS	1.9290e-003	0.00
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.38	0.04
tblVehicleEF	SBUS	0.01	1.3990e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	6.7500e-004	5.9000e-005
tblVehicleEF	SBUS	3.6590e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.38	0.85
tblVehicleEF	SBUS	1.9290e-003	0.00
tblVehicleEF	SBUS	0.12	1.43
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.83	0.49
tblVehicleEF	SBUS	0.01	1.32
tblVehicleEF	SBUS	0.06	6.4840e-003
tblVehicleEF	SBUS	7.94	2.87
tblVehicleEF	SBUS	0.71	5.30
tblVehicleEF	SBUS	5.72	0.78
tblVehicleEF	SBUS	1,168.50	268.77
tblVehicleEF	SBUS	1,082.51	1,227.61
tblVehicleEF	SBUS	55.02	5.63
tblVehicleEF	SBUS	8.97	1.31
tblVehicleEF	SBUS	3.68	2.62
tblVehicleEF	SBUS	12.10	0.16
tblVehicleEF	SBUS	6.9900e-003	1.6260e-003

tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	7.8500e-004	5.6000e-005
tblVehicleEF	SBUS	6.6880e-003	1.5420e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6760e-003	2.5450e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	7.2100e-004	5.1000e-005
tblVehicleEF	SBUS	5.6810e-003	0.06
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.95	0.29
tblVehicleEF	SBUS	2.9530e-003	0.00
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.34	0.04
tblVehicleEF	SBUS	0.01	1.4300e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	6.5000e-004	5.6000e-005
tblVehicleEF	SBUS	5.6810e-003	0.06
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.38	0.85
tblVehicleEF	SBUS	2.9530e-003	0.00
tblVehicleEF	SBUS	0.12	1.43
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.83	0.49
tblVehicleEF	SBUS	0.01	1.32
tblVehicleEF	SBUS	0.07	7.5650e-003
tblVehicleEF	SBUS	8.19	2.90

tblVehicleEF	SBUS	0.70	5.28
tblVehicleEF	SBUS	7.44	1.02
tblVehicleEF	SBUS	1,048.72	260.79
tblVehicleEF	SBUS	1,082.51	1,227.58
tblVehicleEF	SBUS	55.02	6.03
tblVehicleEF	SBUS	8.31	1.23
tblVehicleEF	SBUS	3.85	2.75
tblVehicleEF	SBUS	12.13	0.16
tblVehicleEF	SBUS	0.01	2.1740e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	7.8500e-004	5.6000e-005
tblVehicleEF	SBUS	9.6530e-003	2.0650e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6760e-003	2.5450e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	7.2100e-004	5.1000e-005
tblVehicleEF	SBUS	3.5200e-003	0.05
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	0.96	0.29
tblVehicleEF	SBUS	1.8620e-003	0.00
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.39	0.04
tblVehicleEF	SBUS	0.01	1.3550e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	6.7900e-004	6.0000e-005
tblVehicleEF	SBUS	3.5200e-003	0.05
tblVehicleEF	SBUS	0.03	0.01

tblVehicleEF	SBUS	1.39	0.85
tblVehicleEF	SBUS	1.8620e-003	0.00
tblVehicleEF	SBUS	0.12	1.43
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	UBUS	2.20	2.33
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	9.91	33.70
tblVehicleEF	UBUS	10.15	1.07
tblVehicleEF	UBUS	1,905.83	2,317.92
tblVehicleEF	UBUS	113.27	10.94
tblVehicleEF	UBUS	7.78	0.56
tblVehicleEF	UBUS	14.42	0.12
tblVehicleEF	UBUS	0.58	0.11
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	5.6100e-004
tblVehicleEF	UBUS	1.2130e-003	5.9000e-005
tblVehicleEF	UBUS	0.25	0.04
tblVehicleEF	UBUS	3.0000e-003	7.5460e-003
tblVehicleEF	UBUS	0.09	5.3100e-004
tblVehicleEF	UBUS	1.1150e-003	5.5000e-005
tblVehicleEF	UBUS	5.0170e-003	0.03
tblVehicleEF	UBUS	0.08	9.0500e-003
tblVehicleEF	UBUS	2.8810e-003	0.00
tblVehicleEF	UBUS	0.68	0.04
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.79	0.06
tblVehicleEF	UBUS	9.5330e-003	1.7270e-003
tblVehicleEF	UBUS	1.3160e-003	1.0800e-004
tblVehicleEF	UBUS	5.0170e-003	0.03

tblVehicleEF	UBUS	0.08	9.0500e-003
tblVehicleEF	UBUS	2.8810e-003	0.00
tblVehicleEF	UBUS	2.96	2.38
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.86	0.06
tblVehicleEF	UBUS	2.20	2.33
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	9.96	33.70
tblVehicleEF	UBUS	8.81	0.94
tblVehicleEF	UBUS	1,905.83	2,317.92
tblVehicleEF	UBUS	113.27	10.73
tblVehicleEF	UBUS	7.32	0.56
tblVehicleEF	UBUS	14.36	0.11
tblVehicleEF	UBUS	0.58	0.11
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	5.6100e-004
tblVehicleEF	UBUS	1.2130e-003	5.9000e-005
tblVehicleEF	UBUS	0.25	0.04
tblVehicleEF	UBUS	3.0000e-003	7.5460e-003
tblVehicleEF	UBUS	0.09	5.3100e-004
tblVehicleEF	UBUS	1.1150e-003	5.5000e-005
tblVehicleEF	UBUS	7.4730e-003	0.04
tblVehicleEF	UBUS	0.08	9.5250e-003
tblVehicleEF	UBUS	4.2880e-003	0.00
tblVehicleEF	UBUS	0.69	0.04
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	9.5340e-003	1.7270e-003
tblVehicleEF	UBUS	1.2930e-003	1.0600e-004
tblVehicleEF	UBUS	7.4730e-003	0.04

tblVehicleEF	UBUS	0.08	9.5250e-003
tblVehicleEF	UBUS	4.2880e-003	0.00
tblVehicleEF	UBUS	2.97	2.38
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.79	0.06
tblVehicleEF	UBUS	2.20	2.33
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	9.90	33.70
tblVehicleEF	UBUS	10.35	1.09
tblVehicleEF	UBUS	1,905.83	2,317.92
tblVehicleEF	UBUS	113.27	10.97
tblVehicleEF	UBUS	7.63	0.56
tblVehicleEF	UBUS	14.43	0.12
tblVehicleEF	UBUS	0.58	0.11
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	5.6100e-004
tblVehicleEF	UBUS	1.2130e-003	5.9000e-005
tblVehicleEF	UBUS	0.25	0.04
tblVehicleEF	UBUS	3.0000e-003	7.5460e-003
tblVehicleEF	UBUS	0.09	5.3100e-004
tblVehicleEF	UBUS	1.1150e-003	5.5000e-005
tblVehicleEF	UBUS	5.4520e-003	0.03
tblVehicleEF	UBUS	0.09	8.9960e-003
tblVehicleEF	UBUS	2.9590e-003	0.00
tblVehicleEF	UBUS	0.68	0.04
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.80	0.06
tblVehicleEF	UBUS	9.5330e-003	1.7270e-003
tblVehicleEF	UBUS	1.3200e-003	1.0800e-004
tblVehicleEF	UBUS	5.4520e-003	0.03



tblVehicleEF	UBUS	0.09	8.9960e-003
tblVehicleEF	UBUS	2.9590e-003	0.00
tblVehicleEF	UBUS	2.96	2.38
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	0.88	0.06
tblVehicleTrips	ST_TR	0.00	25.70
tblVehicleTrips	SU_TR	0.00	25.70
tblVehicleTrips	WD_TR	27.92	25.70
tblWater	IndoorWaterUseRate	3,973,193.72	420,000.00

## 2.0 Emissions Summary

### 2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0822	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.9000e-004	9.9000e-004	0.0000	0.0000	1.0600e-003
Energy	9.9000e-004	8.9600e-003	7.5300e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	100.6360	100.6360	3.7500e-003	5.9000e-004	100.9057
Mobile	0.2602	0.3897	2.5092	6.7500e-003	0.5538	5.2400e-003	0.5590	0.1386	4.9100e-003	0.1435	0.0000	632.6866	632.6866	0.0325	0.0000	633.5001
Stationary	2.2200e-003	7.2200e-003	8.0400e-003	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	1.0282	1.0282	1.4000e-004	0.0000	1.0318
Waste						0.0000	0.0000		0.0000	0.0000	23.1410	0.0000	23.1410	1.3676	0.0000	57.3308
Water						0.0000	0.0000		0.0000	0.0000	0.1333	9.7809	9.9142	0.0141	3.7000e-004	10.3754
<b>Total</b>	<b>0.3456</b>	<b>0.4059</b>	<b>2.5253</b>	<b>6.8100e-003</b>	<b>0.5538</b>	<b>6.2500e-003</b>	<b>0.5601</b>	<b>0.1386</b>	<b>5.9200e-003</b>	<b>0.1445</b>	<b>23.2742</b>	<b>744.1327</b>	<b>767.4069</b>	<b>1.4181</b>	<b>9.6000e-004</b>	<b>803.1447</b>

### Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Area	0.0822	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.9000e-004	9.9000e-004	0.0000	0.0000	1.0600e-003
Energy	9.9000e-004	8.9600e-003	7.5300e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	100.6360	100.6360	3.7500e-003	5.9000e-004	100.9057
Mobile	0.2602	0.3897	2.5092	6.7500e-003	0.5538	5.2400e-003	0.5590	0.1386	4.9100e-003	0.1435	0.0000	632.6866	632.6866	0.0325	0.0000	633.5001
Stationary	2.2200e-003	7.2200e-003	8.0400e-003	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	1.0282	1.0282	1.4000e-004	0.0000	1.0318
Waste						0.0000	0.0000		0.0000	0.0000	5.5538	0.0000	5.5538	0.3282	0.0000	13.7594
Water						0.0000	0.0000		0.0000	0.0000	0.1333	9.7809	9.9142	0.0141	3.7000e-004	10.3754
<b>Total</b>	<b>0.3456</b>	<b>0.4059</b>	<b>2.5253</b>	<b>6.8100e-003</b>	<b>0.5538</b>	<b>6.2500e-003</b>	<b>0.5601</b>	<b>0.1386</b>	<b>5.9200e-003</b>	<b>0.1445</b>	<b>5.6871</b>	<b>744.1327</b>	<b>749.8198</b>	<b>0.3787</b>	<b>9.6000e-004</b>	<b>759.5733</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.56	0.00	2.29	73.29	0.00	5.43

#### 4.0 Operational Detail - Mobile

##### 4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2602	0.3897	2.5092	6.7500e-003	0.5538	5.2400e-003	0.5590	0.1386	4.9100e-003	0.1435	0.0000	632.6866	632.6866	0.0325	0.0000	633.5001
Unmitigated	0.2602	0.3897	2.5092	6.7500e-003	0.5538	5.2400e-003	0.5590	0.1386	4.9100e-003	0.1435	0.0000	632.6866	632.6866	0.0325	0.0000	633.5001

##### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government (Civic Center)	514.00	514.00	514.00	1,587,299	1,587,299
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>514.00</b>	<b>514.00</b>	<b>514.00</b>	<b>1,587,299</b>	<b>1,587,299</b>

##### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

#### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government (Civic Center)	0.514588	0.039887	0.224731	0.136880	0.026508	0.006617	0.013794	0.029569	0.001065	0.001526	0.003347	0.000595	0.000894
Parking Lot	0.514588	0.039887	0.224731	0.136880	0.026508	0.006617	0.013794	0.029569	0.001065	0.001526	0.003347	0.000595	0.000894

### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	90.8811	90.8811	3.5600e-003	4.1000e-004	91.0928
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	90.8811	90.8811	3.5600e-003	4.1000e-004	91.0928
NaturalGas Mitigated	9.9000e-004	8.9600e-003	7.5300e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7549	9.7549	1.9000e-004	1.8000e-004	9.8129
NaturalGas Unmitigated	9.9000e-004	8.9600e-003	7.5300e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7549	9.7549	1.9000e-004	1.8000e-004	9.8129

#### 5.2 Energy by Land Use - NaturalGas

##### Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Government (Civic Center)	182800	9.9000e-004	8.9600e-003	7.5300e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7549	9.7549	1.9000e-004	1.8000e-004	9.8129
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>9.9000e-004</b>	<b>8.9600e-003</b>	<b>7.5300e-003</b>	<b>5.0000e-005</b>		<b>6.8000e-004</b>	<b>6.8000e-004</b>		<b>6.8000e-004</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>9.7549</b>	<b>9.7549</b>	<b>1.9000e-004</b>	<b>1.8000e-004</b>	<b>9.8129</b>

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Government (Civic Center)	182800	9.9000e-004	8.9600e-003	7.5300e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7549	9.7549	1.9000e-004	1.8000e-004	9.8129
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>9.9000e-004</b>	<b>8.9600e-003</b>	<b>7.5300e-003</b>	<b>5.0000e-005</b>		<b>6.8000e-004</b>	<b>6.8000e-004</b>		<b>6.8000e-004</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>9.7549</b>	<b>9.7549</b>	<b>1.9000e-004</b>	<b>1.8000e-004</b>	<b>9.8129</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government (Civic Center)	299400	90.0391	3.5300e-003	4.1000e-004	90.2488

Parking Lot	2800	0.8421	3.0000e-005	0.0000	0.8440
<b>Total</b>		<b>90.8811</b>	<b>3.5600e-003</b>	<b>4.1000e-004</b>	<b>91.0928</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government (Civic Center)	299400	90.0391	3.5300e-003	4.1000e-004	90.2488
Parking Lot	2800	0.8421	3.0000e-005	0.0000	0.8440
<b>Total</b>		<b>90.8811</b>	<b>3.5600e-003</b>	<b>4.1000e-004</b>	<b>91.0928</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0822	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.9000e-004	9.9000e-004	0.0000	0.0000	1.0600e-003
Unmitigated	0.0822	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.9000e-004	9.9000e-004	0.0000	0.0000	1.0600e-003

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					

Architectural Coating	9.3800e-003					0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	0.0728					0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	5.0000e-005	0.0000	5.1000e-004	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	9.9000e-004	9.9000e-004	0.0000	0.0000	1.0600e-003
<b>Total</b>	<b>0.0822</b>	<b>0.0000</b>	<b>5.1000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>			<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.9000e-004</b>	<b>9.9000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0600e-003</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating	9.3800e-003						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0728						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	0.0000	5.1000e-004	0.0000			0.0000	0.0000		0.0000	0.0000	0.0000	9.9000e-004	9.9000e-004	0.0000	0.0000	1.0600e-003
<b>Total</b>	<b>0.0822</b>	<b>0.0000</b>	<b>5.1000e-004</b>	<b>0.0000</b>			<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.9000e-004</b>	<b>9.9000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0600e-003</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	9.9142	0.0141	3.7000e-004	10.3754
Unmitigated	9.9142	0.0141	3.7000e-004	10.3754

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e

Land Use	Mgal	MT/yr			
Government (Civic Center)	0.42 / 2.43518	9.9142	0.0141	3.7000e-004	10.3754
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>9.9142</b>	<b>0.0141</b>	<b>3.7000e-004</b>	<b>10.3754</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Government (Civic Center)	0.42 / 2.43518	9.9142	0.0141	3.7000e-004	10.3754
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>9.9142</b>	<b>0.0141</b>	<b>3.7000e-004</b>	<b>10.3754</b>

## 8.0 Waste Detail

---

### 8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	5.5538	0.3282	0.0000	13.7594
Unmitigated	23.1410	1.3676	0.0000	57.3308

### 8.2 Waste by Land Use

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government (Civic Center)	114	23.1410	1.3676	0.0000	57.3308
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>23.1410</b>	<b>1.3676</b>	<b>0.0000</b>	<b>57.3308</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government (Civic Center)	27.36	5.5538	0.3282	0.0000	13.7594
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>5.5538</b>	<b>0.3282</b>	<b>0.0000</b>	<b>13.7594</b>



## 9.0 Operational Offroad

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

## 10.0 Stationary Equipment

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### Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	2	50	54	0.73	Diesel

**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
----------------	--------

**10.1 Stationary Sources**

**Unmitigated/Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (50.75 HP)	2.2200e-003	7.2200e-003	8.0400e-003	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	1.0282	1.0282	1.4000e-004	0.0000	1.0318
<b>Total</b>	<b>2.2200e-003</b>	<b>7.2200e-003</b>	<b>8.0400e-003</b>	<b>1.0000e-005</b>		<b>3.3000e-004</b>	<b>3.3000e-004</b>		<b>3.3000e-004</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>1.0282</b>	<b>1.0282</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>1.0318</b>

**11.0 Vegetation**

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# **SLAUSON CONNECT RECREATION CENTER PROJECT NOISE TECHNICAL REPORT**

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**April 2021**



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# Acronyms and Abbreviations

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$\mu\text{Pa}$	microPascal
ADA	Americans with Disabilities Act
ADT	average daily traffic
Caltrans	California Department of Transportation
City	City of Los Angeles
CNEL	Community Noise Equivalent Level
dB	decibel
dba	A-weighted decibel
EV	electric vehicle
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
HVAC	heating, ventilation, and air conditioning
Hz	Hertz
I-	Interstate
in/s	inches per second
kHz	kilohertz
kW	kilowatts
LAMC	City of Los Angeles Municipal Code
LEED	Leadership in Energy and Environmental Design
$L_{dn}$	day-night sound level
$L_{eq}$	equivalent sound level
$L_{max}$	maximum sound level
$L_{min}$	minimum sound level
LT	long-term
$L_v$	vibration velocity level
$L_{xx}$	percentile-exceeded sound level
MTA	Metropolitan Transportation Authority
PDF	project design feature
PPV	peak particle velocity
project	1111 South Hill Street Project
rms	root-mean-square
sf	square foot
SLM	sound level meter
SPL	sound pressure level
ST	short-term

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The purpose of this Noise Technical Report is to analyze potential noise or vibration impacts that would result from the proposed Slauson Connect Recreation Center Project (project) in the South Los Angeles Community Plan area within the City of Los Angeles (City). The analysis provided in this report evaluates the potential for short- and long-term noise and vibration impacts associated with the construction and operation of the project. The analysis includes a description of the environmental setting for the project, including existing noise conditions, as well as applicable laws and regulations. It also documents the assumptions, methodologies, and findings used to evaluate the impacts.

## 1.1 Project Description

The project consists of the development of a three-story, 20,000 square foot (sf) multi-use facility focused on recreation and community areas on an approximately 2.3-acre site located at 5820 Normandie Avenue in the City. The facility program will consist of a child care facility, career and social counseling center, multipurpose recreation rooms, office space, community room, facility support space, rooftop meeting space, and green roofs. The project will include sustainability measures in its design to be certified as Leadership in Energy and Environmental Design (LEED) Silver. As part of its sustainable design, the project will incorporate extensive and intensive green roofs, photovoltaic panels to meet net zero goals (60–70 kilowatts [kW]), stormwater capture and reuse systems, high speed electric vehicle (EV) chargers, and vertical gardens. The project facility will be outfitted with the latest technology to help reduce the transmission of airborne viruses to ensure the safety of patrons. Equipment systems and design criteria such as, but not limited to, on-demand air purge systems, ultraviolet (UV) filtration of circulated air, socially distanced waiting areas, and body temperature checkpoints will be incorporated into the final design. An outdoor park area for passive and educational recreation will also be located on the southern side of the project site fronting Slauson Avenue, beginning at Budlong Avenue. The project will sit as a node along the new pedestrian and bikeway zone being constructed by the Metropolitan Transportation Authority (MTA) and will seek parking reductions due to its close proximity to MTA train and bus lines, as well as offsite parking lots for patrons, which can be accessed by shuttle. Onsite parking will be provided to accommodate up to four EV spaces, two Americans with Disabilities Act (ADA) spaces, and 14 compact parking spaces for a total of 20 parking spaces (Abdallah pers. comm.). Furthermore, 10 standard and four long-term (i.e., enclosed lockers) bike parking will also be provided by the proposed project.

The project site is rectangular in shape, with a width of approximately 45 feet and length of approximately 1,233 feet, and extends from the northeast corner of Slauson Avenue and Normandie Avenue to the northwest corner of Slauson Avenue and Budlong Avenue. The project site is bounded by Slauson Avenue to the south, Normandie Avenue to the west, Budlong Avenue to the east, and existing industrial developments to the north. The project site has most recently been used as a dirt storage site for the construction of MTA's Crenshaw light rail line. All storage materials will be cleared at the project site prior to project construction. Additionally, due to previous railway usage

on the site, MTA has agreed to remediate or replace all hazardous materials to an “open space” standard under the voluntary clean-up agreement with the Department of Toxic Substances Control prior to the start of project construction.

Construction of the proposed project is anticipated to occur over an 11-month period from April of 2022 to March of 2023. The proposed multi-use facility will be constructed with the use of pre-approved modular shipping container building manufacturers. The design concept will be based on utilizing 8 feet by 40 feet modular containers, which will serve to reduce building costs and expedite the construction schedule. It is anticipated that the amount of soil that would be removed from the site during construction would be over 20,000 cubic yards.

Sound can be described as the mechanical energy of a vibrating object transmitted by pressure waves through a liquid or gaseous medium (e.g., air) to a hearing organ, such as a human ear. Noise is often defined as sound that is objectionable because it is unwanted, disturbing, or annoying.

In the science of acoustics, the fundamental model consists of a sound (or noise) source, a receptor, and the propagation path between the two. The loudness of the noise source and the obstructions or atmospheric factors, which affect the propagation path to the receptor, determine the sound level and the characteristics of the noise perceived by the receptor.

The following sections provide an explanation of key concepts and acoustical terms used in the analysis of environmental and community noise.

## 2.1 Frequency, Amplitude, and Decibels

Continuous sound can be described by its *frequency* (pitch) and *amplitude* (loudness). A low-frequency sound is perceived as low in pitch; a high-frequency sound is perceived as high-pitched. Frequency is expressed in terms of cycles per second, or Hertz (Hz) (e.g., a frequency of 250 cycles per second is referred to as 250 Hz). High frequencies are sometimes more conveniently expressed in kilohertz (kHz), or thousands of Hz. The audible frequency range for humans is generally between 20 Hz and 20,000 Hz.

The amplitude of pressure waves generated by a sound source correlates with the loudness of that source. The amplitude of a sound is typically described in terms of *sound pressure level* (SPL), also referred to simply as the sound level. The SPL refers to the root-mean-square (rms)<sup>1</sup> pressure of a sound wave and is measured in units called microPascals (μPa). One μPa is approximately one hundred-billionth (0.0000000001) of normal atmospheric pressure. Sound pressure amplitudes for different kinds of noise environments can range from less than 100 to over 100,000,000 μPa. Because of this large range of values, sound is rarely expressed in terms of μPa. Instead, a logarithmic scale is used to describe the SPL in terms of decibels, abbreviated dB. The decibel is a logarithmic unit that describes the ratio of the actual sound pressure to a reference pressure (20 μPa is the standard reference pressure level for acoustical measurements in air). Specifically, an SPL, in decibels, is calculated as follows:

$$\text{SPL} = 20 \times \log_{10} \left( \frac{X}{20 \mu\text{Pa}} \right)$$

where  $X$  is the actual sound pressure and 20 μPa is the reference pressure. The threshold of hearing for young people is about 0 dB, which corresponds to 20 μPa.

---

<sup>1</sup> Root-mean-square (rms) is defined as the square root of the mean (average) value of the squared amplitude of the noise signal.

## 2.1.1 Decibel Calculations

Because decibels represent noise levels using a logarithmic scale, SPLs cannot be added, subtracted, or averaged through ordinary arithmetic. On the dB scale, a doubling of sound energy corresponds to a 3-dB increase. In other words, when two identical sources are each producing sound of the same loudness, their combined sound level at a given distance would be 3 dB higher than one source under the same conditions. For example, if one bulldozer produces an SPL of 80 dB, two bulldozers would not produce a combined sound level of 160 dB. Rather, they would combine to produce 83 dB. The cumulative sound level of any number of sources, such as excavators, can be determined using decibel addition. The same decibel addition is used for A-weighted decibels described below.

Similarly, the arithmetic mean (average) of a series of noise levels does not accurately represent the overall average noise level. Instead, the values must be averaged using a linear scale before converting the result back into a logarithmic (dB) noise level. This method is typically referred to as calculating the “energy average” of the noise levels.

## 2.1.2 A-Weighting

The dB scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on the human response to that sound. Although the intensity (energy per unit area) of the sound is a purely physical quantity, the loudness or human response is determined by characteristics of the human ear.

Human hearing is limited in the range of audible frequencies as well as in the way it perceives the SPL in that range. In general, people are most sensitive to the frequency range of 1,000 to 8,000 Hz and perceive sounds within that range better than sounds of the same amplitude at higher or lower frequencies. To approximate the response of the human ear, sound levels of individual frequency bands are weighted (i.e., adjusted), depending on human sensitivity to those frequencies. The resulting SPL is expressed in A-weighted decibels, or dBA.

The A-weighting scale approximates the frequency response of the average young ear when listening to most ordinary sounds. When people make judgments regarding the relative loudness or annoyance of a sound, their judgments correlate well with the A-weighted sound levels of those sounds. Table 2-1 describes typical A-weighted sound levels for various noise sources.

**Table 2-1. Typical A-Weighted Sound Levels**

Common Outdoor Noise Source	Sound Level (dBA)	Common Indoor Noise Source
	— 110 —	Rock band
Jet flying at 1,000 feet		
	— 100 —	
Gas lawn mower at 3 feet		
	— 90 —	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	— 80 —	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower at 100 feet	— 70 —	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	— 60 —	
		Large business office
Quiet urban daytime	— 50 —	Dishwasher in next room
Quiet urban nighttime	— 40 —	Theater, large conference room (background)
Quiet suburban nighttime	— 30 —	Library
		Bedroom at night
Quiet rural nighttime	— 20 —	
		Broadcast/recording studio
	— 10 —	
Lowest threshold of human hearing	— 0 —	Lowest threshold of human hearing

Source: Caltrans 2013.

## 2.2 Noise Descriptors

Because sound levels can vary markedly over a short period of time, various descriptors or noise “metrics” have been developed to quantify environmental and community noise. These metrics generally describe either the average character of the noise or the statistical behavior of the variations in the noise level. Some of the most common metrics used to describe environmental noise, including those metrics used in this report, are described below.

- Equivalent Sound Level ( $L_{eq}$ )** is the most common metric used to describe short-term average noise levels. Many noise sources produce levels that fluctuate over time; examples include mechanical equipment that cycles on and off, or construction work, which can vary sporadically. The  $L_{eq}$  describes the average acoustical energy content of noise for an identified period of time, commonly 1 hour. Thus, the  $L_{eq}$  of a time-varying noise and that of a steady noise are the same if they deliver the same acoustical energy over the duration of the exposure. For many noise sources, the  $L_{eq}$  will vary, depending on the time of day. A prime example is traffic noise, which rises and falls, depending on the amount of traffic on a given street or freeway.

- **Maximum Sound Level ( $L_{max}$ )** and **Minimum Sound Level ( $L_{min}$ )** refer to the maximum and minimum sound levels, respectively, that occur during the noise measurement period. More specifically, they describe the rms sound levels that correspond to the loudest and quietest 1-second intervals that occur during the measurement.<sup>2</sup>
- **Percentile-Exceeded Sound Level ( $L_{xx}$ )** describes the sound level exceeded for a given percentage of a specified period. For example, the  $L_{50}$  is the sound level exceeded 50 percent of the time (e.g., 30 minutes per hour), and  $L_{25}$  is the sound level exceeded 25 percent of the time (e.g., 15 minutes per hour).
- **Community Noise Equivalent Level (CNEL)** is a measure of the 24-hour average A-weighted noise level that is also time-weighted to “penalize” noise that occurs during the evening and nighttime hours when noise is generally recognized to be more disturbing (because people are trying to rest, relax, and sleep during these times). In order to account for this in calculating the CNEL, 5 dBA is added to the  $L_{eq}$  during the evening hours of 7 p.m. to 10 p.m.; 10 dBA is added to the  $L_{eq}$  during the nighttime hours of 10 p.m. to 7 a.m.; and the energy average is then taken for the whole 24-hour day.
- **Day-Night Sound Level ( $L_{dn}$ )** is similar to the CNEL described above.  $L_{dn}$  is also a time-weighted average of the 24-hour A-weighted noise level. The only difference is that no “penalty” is applied to the evening hours of 7 p.m. to 10 p.m. Ten dBA is added to the  $L_{eq}$  during the nighttime hours of 10 p.m. to 7 a.m., and the energy average is then taken for the whole 24-hour day.

It is noted that various federal, state, and local agencies have adopted CNEL or  $L_{dn}$  as the measure of community noise. While not identical, CNEL and  $L_{dn}$  are normally within 1 dBA of each other when measured in typical community environments, and many noise standards/regulations use the two interchangeably.

## 2.3 Sound Propagation

When sound propagates over a distance, it changes in both level and frequency content. The manner in which noise is reduced with distance depends on the following important factors.

- **Geometric Spreading.** Sound from a single source (i.e., a “point” source) radiates uniformly outward as it travels away from the source in a spherical pattern. The sound level attenuates (or drops off) at a rate of approximately 6 dBA for each doubling of distance. Highway noise is not a single stationary point source of sound. The movement of vehicles on a highway makes the source of the sound appear to emanate from a line (i.e., a “line” source) rather than from a point. This results in cylindrical spreading rather than the spherical spreading resulting from a point source. The change in sound level (i.e., attenuation or decrease) from a line source is approximately 3 dBA doubling of distance.
- **Ground Absorption.** Usually the noise path between the source and the observer is very close to the ground. The excess noise attenuation from ground absorption occurs due to acoustic energy losses on sound wave reflection. Traditionally, the excess attenuation has also been

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<sup>2</sup> One-second intervals correspond to a “slow” time weighting on a sound level meter. For a sound level meter set to a “fast” time weighting, the corresponding interval is 1/8-second.

expressed in terms of attenuation per doubling of distance. This approximation is done for simplification only; for distances of fewer than 200 feet, prediction results based on this scheme are sufficiently accurate. For acoustically “hard” sites (i.e., sites with a reflective surface, such as a parking lot or a smooth body of water, between the source and the receptor), no excess ground attenuation is assumed because the sound wave is reflected without energy losses. For acoustically absorptive or “soft” sites (i.e., sites with an absorptive ground surface, such as soft dirt, grass, or scattered bushes and trees), an excess ground attenuation value of 1.5 dBA per doubling of distance is normally assumed. When added to the geometric spreading, the excess ground attenuation results in an overall drop-off rate of 4.5 dBA per doubling of distance for a line source and 7.5 dBA per doubling of distance for a point source.

- **Atmospheric Effects.** Research by the California Department of Transportation (Caltrans) and others has shown that atmospheric conditions can have a major effect on noise levels. Wind has been shown to be the single most important meteorological factor within approximately 500 feet, whereas vertical air temperature gradients are more important over longer distances. Other factors, such as air temperature, humidity, and turbulence, may also have a major effect on sound. Receptors downwind from a source can be exposed to increased noise levels relative to calm conditions, whereas receptors upwind can have lower noise levels. Increased sound levels can also occur because of temperature inversion conditions (i.e., increasing temperature with elevation, with cooler air near the surface) as the warmer air at the higher elevation acts as a cap and causes a reflection of sound that is generated below at the ground level.
- **Shielding by Natural or Human-Made Features.** A large object or barrier in the path between a noise source and a receptor can substantially attenuate noise levels at the receptor. The amount of attenuation provided by this shielding depends on the size of the object, proximity to the noise source and receptor, surface weight, solidity, and the frequency content of the noise source. Natural terrain features (such as hills and dense woods) and human-made features (such as buildings and walls) can substantially reduce noise levels. Walls are often constructed between a source and a receptor with the specific purpose of reducing noise. A barrier that breaks the line of sight between a source and a receptor will typically result in at least 5 dB of noise reduction. A higher barrier may provide as much as 20 dB of noise reduction.

## 2.4 Human Response to Noise

Noise can have a range of effects on people including hearing damage, sleep interference, speech interference, performance interference, physiological responses, and annoyance. Each of these is briefly described below:

- **Hearing Damage.** A person exposed to high noise levels can suffer hearing damage, either gradual or traumatic. Gradual hearing loss occurs with repeated exposure to excessive noise levels and is most commonly associated with occupational noise exposures in heavy industry or other very noisy work environments. Traumatic hearing loss is caused by sudden exposure to an extremely high noise level, such as a gunshot or explosion at very close range. The potential for noise-induced hearing loss is not generally a concern in typical community noise environments. Noise levels in neighborhoods, and even in very noisy airport environments, are not sufficiently loud as to cause hearing loss.

- **Sleep Interference.** Exposure to excessive noise levels at night has been shown to cause sleep disturbance. Sleep disturbance refers not only to awakening from sleep, but also to effects on the quality of sleep, such as altering the pattern and stages of sleep. Interior noise levels between 50 and 55 dBA  $L_{max}$  during nighttime hours (10 p.m. to 7 a.m.) were found to result in sleep disturbance and annoyance (Nelson 1987).
- **Speech Interference.** Speech interference can be a problem in any situation where clear communication is desired, but is often of particular concern in learning environments (e.g., schools) or situations where poor communication could jeopardize safety. Normal conversational speech is in the range of 60 to 65 dBA and any noise in this range or louder may interfere with speech. As background noise levels rise, the intelligibility of speech decreases and the listener will fail to recognize an increasing percentage of the words spoken. A speaker may raise his or her voice in an attempt to compensate for higher background noise levels, but this in turn can lead to vocal fatigue for the speaker.
- **Performance Interference.** Excessive noise has been found to have various detrimental effects on human performance, including information processing, concentration, accuracy, reaction times, and academic performance. Intrusive noise from individual events can also cause distraction. These effects are of obvious concern for learning and work environments.
- **Physiological Responses.** Noise has been shown to cause measurable physiological responses in humans, including changes in stress hormone levels, pulse rate, and blood pressure. The extent to which these responses cause harm or are signs of harm is not clearly defined, but they could contribute to stress-related diseases, such as hypertension, anxiety, and heart disease.
- **Annoyance.** The subjective effects of annoyance, nuisance, and dissatisfaction are possibly the most difficult to quantify, and no completely satisfactory method exists to measure these effects. This difficulty arises primarily from differences in individual sensitivity and habituation to sound, which can vary widely from person to person. What one person considers tolerable can be unbearable to another of equal hearing acuity. An important tool in estimating the likelihood of annoyance due to a new sound is by comparing it to the existing baseline or “ambient” environment to which that person has adapted. In general, the more the level or tonal (i.e., frequency) variations of a sound exceed the previously existing ambient sound level or tonal quality, the less acceptable the new sound will be.

In most cases, effects from sounds typically found in the natural environment would be limited to annoyance or interference. Physiological effects and hearing loss would be more commonly associated with human-made noise, such as in an industrial or occupational setting.

Studies have shown that under controlled conditions in an acoustics laboratory, a healthy human ear is able to discern changes in sound levels of 1 dBA. In the normal environment, the healthy human ear can detect changes of about 2 dBA. However, it is widely accepted that a doubling of sound energy, which results in a change of 3 dBA in a normal environment, is considered to be barely perceptible to most people. A change of 5 dBA is readily perceptible, and a change of 10 dBA is perceived as being twice as loud. Accordingly, a doubling of sound energy (e.g., doubling the volume of traffic on a highway) resulting in a 3 dBA increase in sound would generally be barely detectable.



## 2.5 Noise-Sensitive Land Uses

Noise-sensitive land uses are the locations most likely to be adversely affected by excessive noise levels, as well as places where quiet is an essential element of their intended purpose. As defined in the Noise Element of the *City of Los Angeles General Plan*, land uses that are sensitive to noise include single- and multi-family dwellings, long-term care facilities (including convalescent and retirement facilities), dormitories, motels, hotels, transient lodgings, and other residential uses; houses of worship; hospitals; libraries; schools; auditoriums; concert halls; outdoor theaters; nature and wildlife preserves; and parks (City of Los Angeles 1999).

## Chapter 3

# Groundborne Vibration Fundamentals

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This chapter describes basic concepts related to groundborne vibration. Groundborne vibration is a small, rapidly fluctuating motion transmitted through the ground. The effects of groundborne vibrations are typically limited to causing nuisance or annoyance to people, but at extreme vibration levels, damage to buildings may also occur.

In contrast to airborne sound, groundborne vibration is not a phenomenon that most people experience every day. The ambient groundborne vibration level in residential areas is usually much lower than the threshold of human perception. Most perceptible indoor vibration is caused by sources within buildings, such as mechanical equipment while in operation, people moving, or doors slamming. Typical outdoor sources of perceptible groundborne vibration are heavy construction activity (e.g., blasting, pile driving, earthmoving), steel-wheeled trains, and traffic on rough roads. If a roadway is smooth, the groundborne vibration from traffic is rarely perceptible, even in locations close to major roads. The strength of groundborne vibration from typical environmental sources diminishes (or attenuates) fairly rapidly over distance.

For the prediction of groundborne vibration, the fundamental model consists of a vibration source, a receptor, and the propagation path between the two. The power of the vibration source and the characteristics and geology of the intervening ground, which affect the propagation path to the receptor, determine the groundborne vibration level and the characteristics of the vibration perceived by the receptor.

The following sections provide an explanation of key concepts and terms used in the analysis of environmental groundborne vibration.

## 3.1 Displacement, Velocity, and Acceleration

When a vibration source (e.g., blasting, dynamic construction equipment, train) impacts the ground it imparts energy to the ground, creating vibration waves that propagate away from the source along the surface and downward into the earth. As vibration waves travel outward from a source, they excite the particles of rock and soil through which they pass and cause them to oscillate. The distance that these particles move is referred to as the *displacement* and is typically very small, usually only a few ten-thousandths to a few thousandths of an inch. *Velocity* describes the instantaneous speed of the motion, and *acceleration* is the instantaneous rate of change of the speed. Each of these measures can be further described in terms of *frequency* and *amplitude*, as discussed below.

Although displacement is generally easier to understand than velocity or acceleration, it is rarely used to describe groundborne vibration because most transducers used to measure vibration directly measure velocity or acceleration, not displacement.

## 3.2 Frequency and Amplitude

The frequency of a vibrating object describes how rapidly it is oscillating. The unit of measurement for the frequency of vibration is Hz (the same as used in the measurement of noise), which describes the number of cycles per second.

The amplitude of displacement describes the distance that a particle moves from its resting (or equilibrium) position as it oscillates and can be measured in inches. The amplitude of vibration velocity (the speed of the movement) can be measured in inches per second (in/s). The amplitude of vibration acceleration (i.e., the rate of change of the speed) can be measured in inches per second.

## 3.3 Vibration Descriptors

As noted above, there are various ways to quantify groundborne vibration based on its fundamental characteristics. Because vibration can vary markedly over a short period of time, various descriptors have been developed to quantify vibration. The two most common descriptors used in the analysis of groundborne vibration are peak particle velocity and vibration velocity level, each of which are described below:

- **Peak Particle Velocity (PPV)** is defined as the maximum instantaneous positive or negative peak amplitude of the vibration velocity. The unit of measurement for PPV is in/s. Unlike many quantities used in the study of environmental acoustics, PPV is typically presented using linear values and does not employ a dB scale. Because it is related to the stresses that are experienced by buildings, PPV is generally accepted as the most appropriate descriptor for evaluating the potential for building damage (both Federal Transit Administration [FTA] and Caltrans guidelines recommend using PPV for this purpose). It is also used in many instances to evaluate the human response to groundborne vibration (Caltrans guidelines recommend using PPV for this purpose).
- **Vibration Velocity Level ( $L_V$ )** describes the rms vibration velocity. Due to the typically small amplitudes of groundborne vibrations, vibration velocity is often expressed in decibels, calculated as follows.

$$L_V = 20 \times \log_{10} \left( \frac{V}{V_{\text{ref}}} \right)$$

where  $V$  is the actual rms velocity amplitude and  $V_{\text{ref}}$  is the reference velocity amplitude. It is important to note that there is no universally accepted value for  $V_{\text{ref}}$ , but the accepted reference quantity for vibration velocity in the U.S. is 1 micro-inch per second ( $1 \times 10^{-6}$  inches/second). The abbreviation VdB is commonly used for vibration decibels to distinguish from noise level decibels.  $L_V$  is often used to evaluate human response to vibration levels (FTA guidelines recommend using  $L_V$  for this purpose).

## 3.4 Vibration Propagation

Vibration energy spreads out as it travels through the ground, causing the vibration level to diminish with distance away from the source. High-frequency vibrations reduce much more rapidly than low frequencies so that low frequencies tend to dominate the spectrum at large distances from the source. The propagation of groundborne vibration is not as simple to model as airborne noise. This is because noise in the air travels through a relatively uniform medium, while groundborne vibrations travel through the earth, which may contain significant geological differences. Geological factors that influence the propagation of groundborne vibration include the following:

- **Soil conditions.** The type of soil is known to have a strong influence on the levels of groundborne vibration. Among the most important factors are the stiffness and internal damping of the soil. Hard, dense, and compacted soil, stiff clay soil, and hard rock transmit vibration more efficiently than loose, soft soils, sand, or gravel.
- **Depth to bedrock.** Shallow depth to bedrock has been linked to efficient propagation of groundborne vibration. One possibility is that shallow bedrock acts to concentrate the vibration energy near the surface, reflecting vibration waves back toward the surface that would otherwise continue to propagate farther down into the earth.
- **Soil strata.** Discontinuities in the soil strata (i.e., soil layering) can also cause diffractions or channeling effects that affect the propagation of vibration over long distances.
- **Frost conditions.** Vibration waves typically propagate more efficiently in frozen soils than in unfrozen soils. Propagation also varies depending on the depth of the frost.
- **Water conditions.** The amount of water in the soil can affect vibration propagation. The depth of the water table in the path of the propagation also appears to have substantial effects on groundborne vibration levels.

Specific conditions at the source and receptor locations can also affect the vibration levels. For instance, how the source is connected to the ground (e.g., direct contact, through rails, via a structure) will affect the amount of energy transmitted into the ground. There are also notable differences when the source is underground (e.g., in a tunnel) versus on the surface. At the receptor, vibration levels can be affected by variables such as the foundation type, the building construction, and the acoustical absorption inside the rooms where people are located. When vibration encounters a building, a ground-to-foundation coupling loss will usually reduce the overall vibration level. However, under certain circumstances, the ground-to-foundation coupling may also amplify the vibration level due to structural resonances of the floors and walls.

## 3.5 Effects of Groundborne Vibration

Vibration can result in effects that range from annoyance to structural damage. Annoyance or disturbance of people may occur at vibration levels substantially below those that would pose a risk of damage to buildings. Each of these effects is discussed below.

### 3.5.1 Potential Building Damage

When groundborne vibration encounters a building, vibrational energy is transmitted to the structure, causing it to vibrate. If the vibration levels are high enough, damage to the building may occur. Depending on the type of building and the vibration levels, this damage could range from cosmetic architectural damage (e.g., cracked plaster, stucco, tile) to more severe structural damage (e.g., cracking of floor slabs, foundations, columns, beams, wells). Buildings can typically withstand higher levels of vibration from transient sources than from continuous or frequent intermittent sources. Transient sources are those that create a single, isolated vibration event, such as blasting or drop balls. Continuous or frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment. Older, fragile buildings (which may include important historical buildings) are of particular concern. Modern commercial and industrial buildings can generally withstand much higher vibration levels before potential damage becomes a problem.

### 3.5.2 Human Disturbance or Annoyance

Groundborne vibration can be annoying to people and can cause serious concern for nearby neighbors of vibration sources, even when vibration is well below levels that could cause physical damage to structures. Groundborne vibration is almost exclusively a concern inside buildings and is rarely perceived as a problem outdoors, where the motion may be discernible but there is less adverse reaction without the effects associated with the shaking of a building. The normal frequency range of most groundborne vibration that can be felt generally starts from a low frequency of less than 1 Hz to a high of about 200 Hz.

When groundborne vibration waves encounter a building, vibrational energy is transmitted to the building foundation and then propagates throughout the remainder of the structure, causing building surfaces (e.g., walls, floors, and ceilings) to vibrate. This movement may be felt directly by building occupants and may also generate a low-frequency rumbling noise as sound waves are radiated by the vibrating surfaces. At higher frequencies, building vibration can cause other audible effects, such as the rattling of windows, building fixtures, or items on shelves or hanging on walls. These audible effects due to groundborne vibration are referred to as groundborne noise. Groundborne vibration levels that result in groundborne noise are often experienced as a combination of perceptible vibration and low-frequency noise. However, sources that have the potential to generate groundborne noise are likely to produce airborne noise impacts that mask the radiated groundborne noise. Any perceptible effect (vibration or groundborne noise) can lead to annoyance. The degree to which a person is annoyed depends on the activity in which they are participating at the time of the disturbance. For example, someone sleeping or reading will be more sensitive than someone who is engaged in any type of physical activity. Reoccurring vibration effects often lead people to believe that the vibration is damaging their home, even though vibration levels are well below minimum thresholds for damage potential (Caltrans 2020).

Numerous studies have been conducted to characterize the human response to vibration, and, over the years, numerous vibration criteria and standards have been suggested by researchers, organizations, and governmental agencies. These studies suggest that the thresholds for perception and annoyance vary according to duration, frequency, and amplitude of vibration. For transient vibration sources (e.g., single, isolated vibration events, such as blasting), the human response to

vibration varies from barely perceptible at a PPV of 0.04 in/s, to distinctly perceptible at a PPV of 0.25 in/s, and severe at a PPV of 2.0 in/s. For continuous or frequent intermittent vibration sources (such as impact pile driving or vibratory compaction equipment), the human response to vibration varies from barely perceptible at a PPV of 0.01 in/s, to distinctly perceptible at a PPV of 0.04 in/s, and severe at a PPV of 0.4 in/s (Caltrans 2020).

## 3.6 Vibration-Sensitive Land Uses

As noted above, the potential effects of groundborne vibration can be divided into two categories: building damage and potential human annoyance. Because building damage would be considered a permanent negative effect at any building, regardless of land use, any type of building would typically be considered sensitive to this type of impact. Fragile structures, which often include historical buildings, are most susceptible to damage and are of particular concern.

Human annoyance effects from groundborne vibration are typically only considered inside occupied buildings and not at outside areas such as residential yards, parks, or open space. Buildings that would be considered sensitive to human annoyance caused by vibration are generally the same as those that would be sensitive to noise and would typically include residences, schools, hospitals, assisted living facilities, mental care facilities, places of worship, libraries, performing arts facilities, and hotels and motels.

## Chapter 4

# Existing Noise Environment

The project site is located in an urban, semi-industrial setting located near transit with a variety of land uses and densities. The site is bounded by Slauson Avenue to the south, Normandie Avenue to the west, Budlong Avenue to the east, and existing industrial development immediately to the north. Commercial uses are also located along Slauson Avenue. The project site currently occupies a former railroad right-of-way.

The existing noise environment in the project vicinity is dominated by traffic noise on local streets, with the loudest noise levels generated along Slauson Avenue and Normandie Avenue. In order to document existing noise levels in the study area, a total of three noise measurements were obtained in the project vicinity. Two short-term (ST) measurements were obtained in the surrounding area on Monday, March 8, 2021. In addition, one long-term (LT) noise measurement was conducted in the vicinity of the project site, near the intersection of West 58<sup>th</sup> Street and Normandie Avenue, in proximity to existing offsite residential dwellings. The noise-monitoring locations were selected to document the existing noise levels in the project area and at neighboring noise-sensitive receptor locations. Each of the ST measurements was conducted over a period of 10 minutes, while the LT measurements were conducted over a 24-hour period; Figure 1, to follow, shows the locations.

The instrumentation used to obtain the ST noise measurements consisted of a Type 1 Larson Davis (Model 831) integrating sound level meter (SLM). The instrumentation used to obtain the LT noise measurements consisted of a Type 2 Soft dB Piccolo SLM. Both the Type 1 and Type 2 SLMs were field calibrated prior to each measurement to ensure accuracy, using a Larson Davis CAL200 acoustical calibrator; the calibration was also rechecked at the conclusion of each measurement. The instruments are maintained to manufacturer specifications to ensure accuracy, in accordance with American National Standards Institute standard S1.4-2006. For the short-term measurements, the SLM microphone was mounted at a height of 5 feet above the ground. For the long-term measurement, the SLM microphone was mounted on a power pole approximately 8 feet above the ground. The noise measurement results are summarized in Table 4-1. SLM measurement data are included in Appendix A of this report.

**Table 4-1. Measured Existing Noise Levels in Project Area**

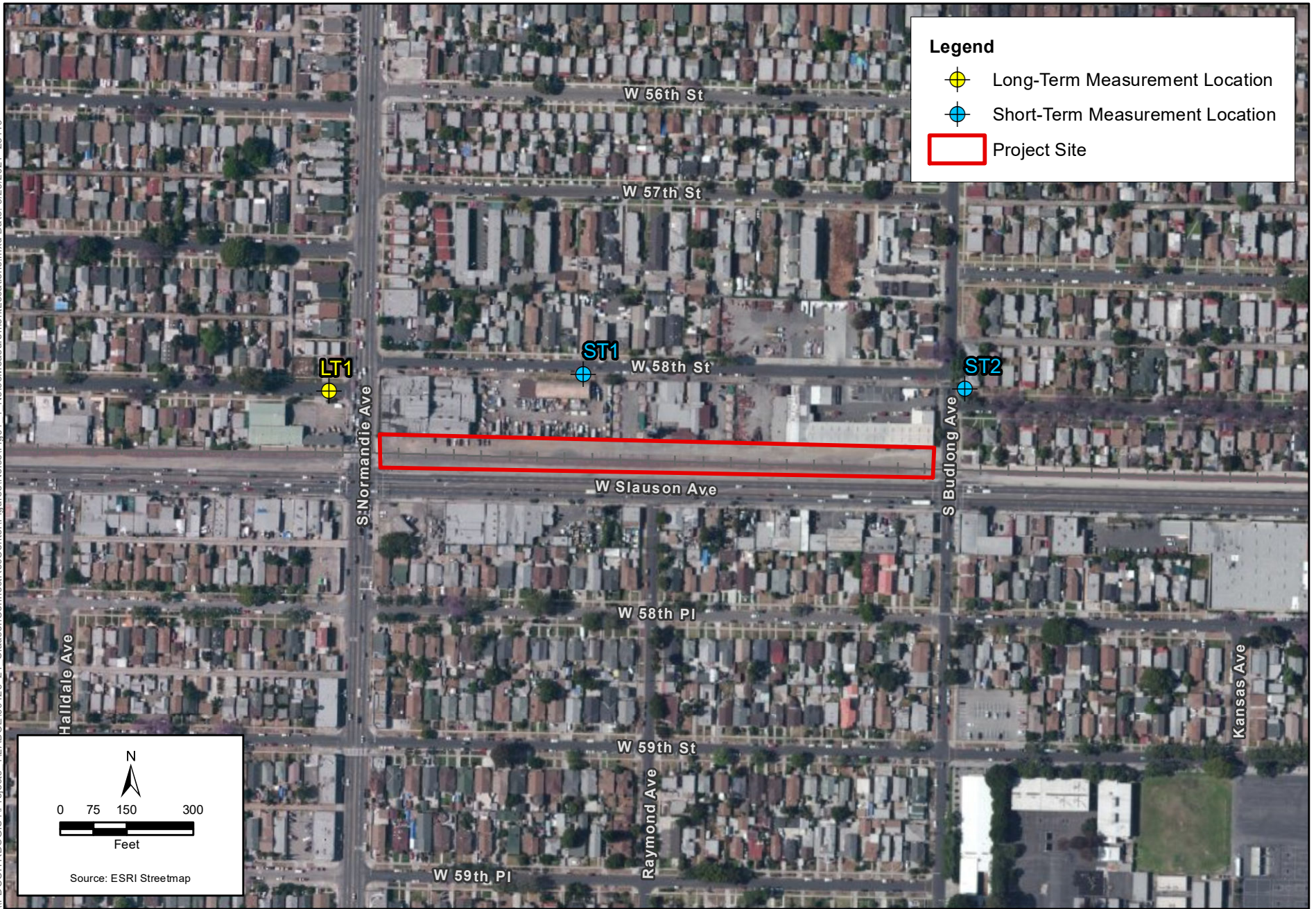
Location Number: Description	Date	Time <sup>a</sup>	Noise Levels (dBA)			
			L <sub>eq</sub>	L <sub>max</sub>	L <sub>min</sub>	CNEL
LT1: South side of West 58 <sup>th</sup> Street, approx. 150 feet NW of project site	3/8/2021 to	Daytime	69.8 <sup>b</sup>	96.5 <sup>b</sup>	63.2 <sup>b</sup>	74.1
	3/9/2021	Nighttime	66.4 <sup>c</sup>	63.7 <sup>c</sup>	43.0 <sup>c</sup>	
ST1: South side of West 58 <sup>th</sup> Street, approx. 145 feet north of project site	3/8/2021	11:29 a.m. to 11:39 a.m.	56.6	74.7	43.8	NM
ST2: Northeast corner of the intersection of West 58 <sup>th</sup> Street and Budlong Avenue, approx. 150 feet NE of project site	3/8/2021	11:47 a.m. to 11:58 a.m.	60.6	73.9	50.3	NM

Note: NM = not measured; NE = northeast; NW = northwest  
<sup>a</sup> Daytime = 7 a.m. to 10 p.m. Nighttime = 10 p.m. to 7 a.m.

- b The value represents the noise level for the noise metric across the daytime period (i.e., 7 a.m. to 10 p.m.).
- c The value represents the noise level for the noise metric across the nighttime period (i.e., 10 p.m. to 7 a.m.).

As shown in Table 4-1, the noise measurements indicate that the daytime ambient noise levels generally ranged between approximately 57 and 70 dBA  $L_{eq}$  in the project area. The LT noise measurement indicated an average daily noise level of approximately 74 dBA CNEL.





**Figure 4-1**  
**Noise Measurement Locations**  
**Slauson Connect Recreation Center**



## **5.1 Federal**

There are no federal noise standards or regulations that directly regulate environmental noise related to the construction or operation of the proposed project. There are also no federal vibration standards or regulations adopted by an agency that are applicable to evaluating vibration impacts from land use development projects such as the proposed project. As such, noise impacts produced by the project would be regulated or evaluated by State of California and City of Los Angeles standards designed to protect public well-being and health.

## **5.2 State**

### **5.2.1 Noise**

The state of California has not adopted statewide standards for environmental noise. However, the *State of California General Plan Guidelines*, published and updated by the Governor's Office of Planning and Research, provides guidelines for evaluating the compatibility of various land uses as a function of community noise exposure. These are guidelines for general land use planning that describe noise acceptability categories for different types of land uses considered by the state. The evaluation contained in the guidelines has been incorporated into the City of Los Angeles Guidelines for Noise Compatible Land Use provided in Table 5-3, to follow.

California also requires each local government entity to perform noise studies and implement a noise element as part of its general plan. The purpose of the noise element is to limit the exposure of the community to excessive noise levels; the noise element must be used to guide decisions concerning land use. A discussion of relevant noise-related policies in the Noise Element of the City of Los Angeles General Plan is provided in Section 5.3.1, *Noise*, below.

### **5.2.2 Vibration**

#### **California Department of Transportation**

There are no state vibration standards that directly apply to the project. As noted below, there are also no quantitative local standards that can be used to assess project-related vibration. Therefore, while the project would not be subject to Caltrans oversight, guidance published by the agency nonetheless provides groundborne vibration criteria that are useful in establishing thresholds for significant impacts. Caltrans' widely referenced *Transportation and Construction Vibration Guidance Manual* (Caltrans 2020) provides guidance for two types of potential vibration impacts: (1) damage to structures, and (2) annoyance to people. Guideline criteria for each are provided in Table 5-1 and PPV = peak particle velocity

Table 5-2.

**Table 5-1. Caltrans Guideline Vibration Damage Criteria**

<b>Structure and Condition</b>	<b>Maximum PPV (in/s)</b>	
	<b>Transient Sources</b>	<b>Continuous/Frequent Intermittent Sources</b>
Extremely fragile historic buildings, ruins, ancient monuments	0.12	0.08
Fragile buildings	0.20	0.10
Historic and some old buildings	0.50	0.25
Older residential structures	0.50	0.30
New residential structures	1.00	0.50
Modern industrial/commercial buildings	2.00	0.50

Source: Caltrans 2020.

Notes:

Transient sources create a single, isolated vibration event, such as blasting or drop balls. Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

PPV = peak particle velocity

**Table 5-2. Caltrans Guideline Vibration Annoyance Criteria**

<b>Human Response</b>	<b>Maximum PPV (in/s)</b>	
	<b>Transient Sources</b>	<b>Continuous/Frequent Intermittent Sources</b>
Barely perceptible	0.04	0.01
Distinctly perceptible	0.25	0.04
Strongly perceptible	0.9	0.10
Severe	2.0	0.4

Source: Caltrans 2020.

Notes:

Transient sources create a single, isolated vibration event, such as blasting or drop balls. Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

PPV = peak particle velocity

## 5.3 Local

### 5.3.1 Noise

#### Noise Element of the City of Los Angeles General Plan

The Noise Element of the General Plan serves to identify sources of noise and provide objectives and policies that ensure that noise from various sources does not create an unacceptable noise environment. Overall, the City’s Noise Element describes the noise environment (including noise sources) in the City; addresses noise mitigation regulations, strategies, and programs; and delineates federal, state, and City jurisdiction relative to rail, automotive, aircraft, and nuisance noise. The goal, objectives, and policies of the Noise Element that are relevant to the project are provided below.

- Goal: A city where noise does not reduce the quality of urban life.
  - **Objective 2 (Non-airport):** Reduce or eliminate non-airport related intrusive noise, especially relative to noise sensitive uses.
    - **Policy 2.2:** Enforce and/or implement applicable city, state and federal regulations intended to mitigate proposed noise producing activities, reduce intrusive noise and alleviate noise that is deemed a public nuisance.
  - **Objective 3 (Land Use Development):** Reduce or eliminate noise impacts associated with proposed development of land and changes in land use.
    - **Policy 3.1:** Develop land use policies and programs that will reduce or eliminate potential and existing noise impacts.

## Implementation Programs

**P11:** For a proposed development project that is deemed to have a potentially significant noise impact on noise sensitive uses, as defined by this chapter, require mitigation measures, as appropriate, in accordance with California Environmental Quality Act and city procedures.

Examples of mitigation measures to consider:

- a. Increase the distance from the noise source and the receptor by providing land use buffers, e.g., parking lots, landscaped setbacks or open areas, utility yards, maintenance facilities, etc..
- b. Orient structures, use berms or sound walls, utilize terrain, or use other means to block or deflect noise, provided it is not deflected to other noise-sensitive uses and that the barrier does not create a hiding place for potential criminal activity.
- c. Require projects with noise generating components (e.g., auto repair and maintenance facilities) to have no openings in building walls that face sensitive uses.
- d. Limit the hours of operation of a noise generating use.
- e. Limit the use of the site to prohibit potential noise generating uses that otherwise are allowed by right within the zone classification of the project site.
- f. Require that potential noise impacts associated with project construction be minimized by such measures as designating haul routes, requiring less noisy equipment, enclosing, or orienting noisy equipment (e.g., electrical generators) away from noise sensitive uses, imposing construction hours that are more restrictive than those set forth in the Los Angeles Municipal Code, requiring vehicle parking and deployment activities to be separated and buffered from sensitive uses.
- g. Determine impacts on noise sensitive uses, such as public school classrooms, which are active primarily during the daytime and evening hours, by weighting the impact measurement to the potential interior noise level (or for exterior uses, e.g., outdoor theaters, to the exterior noise level) over the typical hours of use, instead of using a 24-hour measurement.
- h. Other appropriate measures.

**P13:** Continue to plan, design and construct or oversee construction of public projects, and projects on city owned properties, so as to minimize potential noise impacts on noise sensitive uses and to maintain or reduce existing ambient noise levels.

Examples of noise management strategies to consider:

- a. Site or alignment selection to minimize potential noise incompatibility;



- b. Orientation of noise sources away from noise sensitive uses;
- c. Placement of structures between noise generators and noise sensitive receptors;
- d. Enclosure of noise sources;
- e. Erection of sound walls, berms or other noise buffers or deflectors, providing that they do not deflect sound to other noise sensitive uses and that the barrier does not create a hiding place for potential criminal activity;
- f. Restricted hours of operation;
- g. Modification of noise sources (e.g., utilizing less noisy equipment); or
- h. Determine impacts on noise sensitive uses, such as public school classrooms, which are active primarily during the daytime and evening hours, by weighting the impact measurement to the potential interior noise level (or for exterior uses, e.g., outdoor theaters, to the exterior noise level) over the typical hours of use, instead of using a 24-hour measurement.
- i. Other appropriate measures.

The Noise Element also provides land use/noise compatibility guidelines, as shown in Table 5-3. These are not strict standards, but rather are intended to help guide the determination of appropriate land use and mitigation measures relative to existing or anticipated ambient noise levels. These guidelines are most commonly applied to noise from mobile (transportation) noise sources, such as traffic, rail, and aircraft noise. Stationary noise sources are most commonly addressed using the municipal code standards described below.

**Table 5-3. City of Los Angeles Guidelines for Noise Compatible Land Use**

Land Use Category	Day-Night Average Exterior Sound Level (CNEL dB)						
	50	55	60	65	70	75	80
Residential Single-Family, Duplex, Mobile Home	A	C	C	C	N	U	U
Residential Multi-Family	A	A	C	C	N	U	U
Transient Lodging, Motel, Hotel	A	A	C	C	N	U	U
School, Library, Church, Hospital, Nursing Home	A	A	C	C	N	N	U
Auditorium, Concert Hall, Amphitheater	C	C	C	C/N	U	U	U
Sports Arena, Outdoor Spectator Sports	C	C	C	C	C/U	U	U
Playground, Neighborhood Park	A	A	A	A/N	N	N/U	U
Golf Course, Riding Stable, Water Recreation, Cemetery	A	A	A	A	N	A/N	U
Office Building, Business, Commercial, Professional	A	A	A	A/C	C	C/N	N
Agriculture, Industrial, Manufacturing, Utilities	A	A	A	A	A/C	C/N	N

Source: City of Los Angeles General Plan, Noise Element, 1999.

Notes:

A = Normally acceptable. Specified land use is satisfactory, based on the assumption that the buildings involved are conventional construction, without any special noise insulation.

C = Conditionally acceptable. New construction or development only after a detailed analysis of noise mitigation is made and needed noise insulation features are included in project design. Conventional construction; closed windows and fresh air supply systems or air-conditioning normally will suffice.

N = Normally unacceptable. New construction or development generally should be discouraged. A detailed analysis of noise reduction requirements must be made and noise insulation features included in the design of a project.

U = Clearly unacceptable. New construction or development generally should not be undertaken.

CNEL = Community Noise Equivalent Level; dB = decibel

## City of Los Angeles Municipal Code

### Construction Noise

Section 41.40(a) of the City of Los Angeles Municipal Code (LAMC) prohibits the use, operation, repair, or servicing of construction equipment, as well as job-site delivery of construction materials, between the hours of 9:00 p.m. and 7:00 a.m. where such activities would disturb “persons occupying sleeping quarters in any dwelling hotel or apartment or other place of residence.” Under Section 41.40(b), construction noise emanating from property zoned for manufacturing or industrial uses as well as emergency work necessitated by any flood, fire, or other catastrophe is exempted from the Section 41.40(a) standards. Additionally, Section 41.40(b) also states that construction, repair, or excavation work occurring outside of the permitted hours identified in Section 41.40(a) is allowed if written permission from the Board of Police Commissioners (through its Executive Director) is obtained. In particular, permission can be granted in instances where the construction work is deemed to be in the public interest, or where hardship or injustice, or unreasonable delay would result from its interruption outside of the permitted hours identified in Section 41.40(a). In addition, Section 41.40(c) prohibits construction, grading, and repair work as well as related job-site deliveries on or within 500 feet of land developed with residential structures before 8:00 a.m. or after 6:00 p.m. on any Saturday or national holiday or at any time on Sunday. The only exception to the Section 41.40(c) requirements is for an individual homeowner that is engaged in the repair or construction of their single-family dwelling.

Section 112.05 of the LAMC places a noise level limit of 75 dBA at a distance of 50 feet for powered equipment or tools, which includes construction equipment in, or within 500 feet of, any residential zone between the hours of 7 a.m. and 10 p.m. Under the code, such limits shall not apply where compliance is technically infeasible. Technical infeasibility means that the noise limit cannot be achieved despite the use of mufflers, shields, sound barriers, and/or other noise reduction devices or techniques during operation of the equipment. Section 111.02 of the LAMC provides guidance on conducting sound level measurements pursuant to City noise regulations. The guidance from this section states, in part, “the level of a particular noise being measured shall be the numerical average of noise measurements taken at a given location during a given time period.”

The LAMC does not state a specific averaging time to be used for a noise measurement conducted pursuant to City noise regulations. However, as indicated in Section 111.02(b) of the LAMC in regard to sound level measurement procedure and criteria, the City references a period of “60 consecutive minutes” as a criterion in assessing an alleged offensive noise. Therefore, for the purpose of assessing construction activities, the  $L_{eq}$  for a 1-hour period is appropriate to assess project impacts.

### Operational Noise

**Chapter XI, Noise Regulation (Noise Ordinance)**, of the LAMC regulates noise from non-transportation noise sources such as commercial or industrial operations, mechanical equipment, or residential activities. Although these regulations do not apply to vehicles operating on public rights-of-way, it is noted that they do apply to noise generated by vehicles on private property, such as in parking lots or parking structures. The exact noise standards vary, depending on the type of noise source; however, the allowable noise levels are generally determined relative to the existing ambient noise levels at the affected location.

**Section 111.02** provides procedures and criteria for measuring the sound level of noise sources that are alleged to be “offending.” Section 111.02 states that under conditions where noise alleged to be offending occurs for more than five but less than 15 minutes in any 1-hour period between the hours of 7:00 a.m. and 10:00 p.m. of any day, a five dBA allowance should be provided to the noise source (i.e., a value of -5 dBA would be added to the sound level measurement of the offending noise source). Additionally, under conditions where the offending noise occurs for 5 minutes or less in any 1-hour period between the hours of 7:00 a.m. and 10:00 p.m. of any day, an additional five dBA allowance can be provided to the noise source. However, under conditions where the offending noise source generates either repeated impulsive noise levels or steady-tone noise levels with an audible fundamental frequency or overtones (except for noise emanating from any electrical transformer or gas-metering and pressure-control equipment existing and installed prior to September 8, 1986), a five dBA penalty should be accounted for in the noise levels (i.e., a value of +5 dBA would be added to the sound level measurement of the offending noise source).

**Section 111.03** provides minimum ambient noise levels for various land uses, as described in Table 5-4 below. In the event that the actual measured ambient noise level at a subject location is lower than that provided in the table, the level in the table shall be assumed.

**Table 5-4. City of Los Angeles Assumed Minimum Ambient Noise Levels**

Zone	Assumed Minimum Ambient Noise ( $L_{eq}$ ), dBA <sup>a</sup>	
	Daytime (7 a.m.-10 p.m.)	Nighttime (10 p.m.-7 a.m.)
A1, A2, RA, RE, RS, RD, RW1, RW2, R1, R2, R3, R4, and R5	50	40
P, PB, CR, C1, C1.5, C2, C4, C5, and CM	60	55
M1, MR1, and MR2	60	55
M2 and M3	65	65

Source: Los Angeles Municipal Code, Section 111.03.

<sup>a</sup> At the boundary line between two zones, the ambient noise level of the quieter zone shall be used.

A1 = Agricultural Zone; A2 = Agricultural Zone; RA = Suburban Zone; RE = Residential Estate Zone; RS = Suburban Zone; RD= Restricted Density Multiple Dwelling Zones; RW1 = Residential Waterways Zone; RW2 = Residential Waterways Zone; R1 = One-Family Zone; R2 = Two-Family Zone; R3 = Multiple Dwelling Zone; R4 = Multiple Dwelling Zone; R5 = Multiple Dwelling Zone; P = Automobile Parking Zone; PB = Parking Building Zone; CR = Limited Commercial Zone; C1.5 = Limited Commercial Zone; C2 = Commercial Zone; C4 = Commercial Zone; C5 = Commercial Zone; CM = Commercial Manufacturing Zone; M1 = Limited Industrial Zone; MR1 = Restricted Industrial Zone; MR2 = Restricted Industrial Zone; M2 = Light Industrial Zone; M3 = Heavy Industrial Zone

As discussed previously, the LAMC is not explicit with respect to defining the length of time over which an average noise level should be assessed. However, based on the noted reference to “60 consecutive minutes” in Section 111.02 of the LAMC, the 1-hour  $L_{eq}$  metric is used as the length of time to determine an average noise level.

**Section 112.01** of the Noise Ordinance addresses noise from radios, television sets, and similar devices that are used for the producing, reproducing, or amplification of the human voice, music, or any other sound. This section states that any noise level caused by these devices that is audible to the human ear at a distance in excess of 150 feet from the property line of the noise source, within any residential zone of the City or within 500 feet thereof, would be a noise violation. Additionally, these devices may not generate noise that exceeds the ambient noise level at any adjacent property by more than 5 dBA.



**Section 112.02** of the Noise Ordinance addresses noise from air-conditioning, refrigeration, heating, pumping, and filtering equipment. This section states that such equipment may not generate noise that would exceed the ambient noise level at any adjacent property by more than 5 dBA.

**Section 112.04** of the Noise Ordinance addresses noise from powered equipment intended for repetitive use in residential areas (e.g., lawn mower, backpack blower, lawn edger, riding tractor) and other machinery, equipment, and devices. This section states that the operation of said equipment between the hours of 10:00 p.m. and 7:00 a.m. within any residential zone or within 500 feet of a residence is prohibited. Additionally, noise levels associated with the operation of this type of equipment may not generate noise that would exceed the ambient noise level at any adjacent property by more than 5 dBA.

**Section 114.02** of the Noise Ordinance addresses noise from motor-driven vehicles. (It is noted that the requirement applies to vehicles on private property only, and does not apply to vehicles operated within public rights-of-way.) This section states that such vehicles may not generate noise that would exceed the ambient noise level at any occupied residential property by more than 5 dBA.

**Section 114.03** of the Noise Ordinance addresses noise from vehicle loading and unloading. This section prohibits the loading or unloading of any vehicle, or operation of any dollies, carts, forklifts, or other wheeled equipment, between the hours of 10:00 p.m. and 7:00 a.m. of the following day that causes any impulsive sound or raucous or unnecessary noise within 200 feet of any residential building.

## 5.3.2 Vibration

There are currently no local regulatory standards for groundborne vibration that are applicable to the project.

## 6.1 Methodology

### 6.1.1 Construction Noise and Vibration

A combination of existing literature and application of accepted noise and vibration prediction and propagation algorithms were used for the prediction of short-term construction and long-term non-transportation and transportation source noise levels, as well as for the evaluation of groundborne vibration impacts. The evaluation of potential noise and vibration impacts associated with project construction was based on the construction schedule, phasing, and equipment assumptions provided by the City's Department of Public Works, Bureau of Engineering (BOE), for the project.

Using the construction assumptions provided for the project, noise and vibration levels were estimated using the methods described below.

#### Noise

Construction-related noise was analyzed using data and modeling methodologies from the Federal Highway Administration's (FHWA) Roadway Construction Noise Model (FHWA 2008), which predicts average noise levels at nearby receptors by analyzing the type of equipment, the distance from source to receptor, usage factor (i.e., the fraction of time the equipment is operating in its noisiest mode while in use), and the presence or absence of intervening shielding between source and receptor. This methodology is conservative, as it calculates the composite average noise levels for all equipment items scheduled during each construction phase to be operated at the same time, which would seldom, if ever, occur during construction. Construction noise levels were predicted assuming an average noise attenuation rate of 6 dB per doubling of distance from the source. Based on guidance from Section 111.02(a) of the LAMC (which indicates an average value should be used to describe sound levels), Section 111.02(b) of the LAMC (which references a period of "60 consecutive minutes") and Section 112.05 of the LAMC (which describes a noise limit of 75 dBA for construction equipment), a noise limit of 75 dBA 1-hour  $L_{eq}$  is used as the criterion to define a noise exceedance associated with construction activities. Thus, to analyze the project's potential noise impacts, the average 1-hour  $L_{eq}$  construction noise level generated during each phase of construction was estimated at each analyzed receptor based on their distance to the construction phase activity. To reflect the assumed distribution of equipment across the project site, source-to-receptor distances used in the analysis were the acoustical average distances between the project site and each receptor.<sup>3</sup>

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<sup>3</sup> The acoustical average distance is used to represent noise sources that are mobile or distributed over an area (such as the analyzed construction area within the project site); it is calculated by multiplying the shortest distance between the receptor and construction area boundary by the farthest distance and then taking the square root of the product.

During project construction, noise levels would also be generated from construction-related traffic associated with worker trips and haul truck trips on local roadways. The analysis of roadway noise levels from the project's construction traffic was conducted using a proprietary traffic noise model, with calculations based on data from the FHWA Traffic Noise Model, Version 2.5, Look-Up Tables (FHWA 2004). This model allows for the calculation of noise levels at specific distances from the center of the roadway based on traffic volumes, average speeds, and site environmental conditions. For the purpose of this analysis, the highest daily worker and haul truck trips that would occur during project construction are assessed. The construction-related offsite worker trip and haul truck volumes were obtained from BOE. The predicted roadway noise levels resulting from the addition of the project's construction-related traffic volumes to existing traffic volumes along segments of Slauson Avenue, which will be used during construction to access the project site, were assessed against the existing roadway noise levels without the project's construction traffic.

## Vibration

Construction-related vibration resulting from the project was analyzed using data and modeling methodologies provided by Caltrans' *Transportation and Construction Vibration Guidance Manual* (Caltrans 2020). This guidance manual provides typical vibration source levels for various types of construction equipment, as well as methods for estimating the propagation of groundborne vibration over distance. The project would not require high-impact construction methods, such as pile driving or blasting. Therefore, the highest groundborne vibration levels would be associated with conventional heavy construction equipment, such as bulldozers, backhoes, and loaders. According to Caltrans data, the largest generally available models of each of these heavy pieces of equipment can generate a PPV of 0.089 in/s at a reference distance of 25 feet, whereas smaller versions of this equipment can generate a PPV of 0.003 in/s at a reference distance of 25 feet. All of the analyzed equipment is classified as continuous/frequent intermittent vibration sources based on Caltrans' vibration criteria.

The following equation from the guidance manual was used to estimate the change in PPV levels over distance:

$$PPV_{rec} = PPV_{ref} \times (25/D)^n$$

where  $PPV_{rec}$  is the PPV at a receptor;  $PPV_{ref}$  is the reference PPV at 25 feet from the equipment;  $D$  is the distance from the equipment to the receptor, in feet; and  $n$  is a value related to the vibration attenuation rate through ground (the default recommended value for  $n$  is 1.1).

### 6.1.2 Operational Noise

The analysis of traffic noise in the study area was based on data obtained from the traffic engineer for the proposed project (Fehr & Peers 2021). The analysis was conducted using a proprietary traffic noise model, with calculations based on data from the FHWA Traffic Noise Model, Version 2.5, Look-Up Tables (FHWA 2004). The inputs used in the traffic noise modeling included average daily traffic (ADT) volumes, assumed traffic mix and daily distribution (the percentage of automobiles versus medium trucks and heavy trucks during each hour of the day), and traffic speeds, based on the posted speed limits. The ADT used in the modeling were estimated by assuming that the peak PM traffic volumes at the study intersections provided by the traffic engineer represented 10 percent of the ADT. To quantify the effects of the project, traffic noise was analyzed using three different

scenarios: (1) existing, (2) future (2022) without project, and (3) future (2022) with project. The noise modeling is provided in Appendix B.

Aside from traffic noise associated with the project that would be generated offsite, onsite noise levels would also be generated by stationary noise sources such as mechanical equipment (heating, ventilation, and air conditioning [HVAC] equipment and a potential emergency generator), the onsite parking facility, and the outdoor play area associated with the future child care facility. Using noise level data from published sources, impacts from these stationary noise sources are evaluated by estimating the noise levels that each noise source would generate at the nearest noise-sensitive receptors to the project site. The estimated noise level from each noise source takes into account the distance from source to receptor and the presence or absence of intervening shielding between source and receptor.

With regard to mechanical equipment, noise level data for the project’s rooftop HVAC equipment were obtained from a manufacturer’s specification sheet for a six-ton heating and cooling unit, which are the units that are anticipated to be used for the proposed project. The project’s onsite parking noise levels were estimated using FTA’s recommended methodology for stationary source general assessment, which uses the following equation to estimate noise levels for parking garages:

$$L_{eq}(h) = SEL_{ref} + 10\log(N_A/1000) - 35.6$$

where  $L_{eq}(h)$  is the hourly  $L_{eq}$  noise level at 50 feet;  $SEL_{ref}$  is the reference noise level for a stationary noise source represented in sound exposure level at 50 feet from the noise source;<sup>4</sup> and  $N_A$  is the number of automobiles per hour.

As the project’s noise levels associated with the child care facility’s outdoor play area would consist of children playing, published data for human speech noise levels for children were obtained and noise levels were estimated based on assumptions of the number of children that are expected to gather at the outdoor play area. The speech noise levels for children in various noise environments used for analysis in this report are shown in Table 6-1.

**Table 6-1. Average A-Weighted Sound Levels of Speech for Different Vocal Efforts<sup>a</sup>**

Voice Effort	Sound Levels (dBA $L_{eq}$ )
	Children
Casual	53
Normal	58
Raised	65
Loud	74
Shout	82

Source: USEPA 1977.

dBA = A-weighted decibel;  $L_{eq}$  = equivalent sound level

<sup>a</sup> Measured at a distance of 1 meter.

<sup>4</sup> A  $SEL_{ref}$  of 92 dBA is cited by the FTA for a parking garage with 1,000 cars during the peak activity hour. Although the proposed project’s peak hour vehicle trips would be substantially less than 1,000 vehicles, the 92 dBA  $SEL_{ref}$  is used for the noise analysis of the project’s onsite parking facility for the purposes of conducting a conservative analysis.

## 6.2 Best Management Practices

The following best management practices (BMPs) would be implemented as part of the proposed project:

- In accordance with Section 41.40 of the LAMC, construction activities (including deliveries, equipment maintenance, or operation of any construction equipment) at the project site will be prohibited before 7:00 a.m. or after 9:00 p.m. from Monday through Friday, before 8:00 a.m. or after 6:00 p.m. on any Saturday or national holiday, or at any time on Sunday.
- All construction equipment will be maintained in accordance with manufacturers' standards, including mufflers and ancillary noise abatement equipment.
- To the extent feasible, high noise-producing activities will be scheduled during periods that are less sensitive to high noise levels (e.g., after 8:00 a.m.).
- Construction equipment engines will be switched off when not in use.
- Stationary construction equipment, such as compressors, will be positioned as far away as practical from any adjacent noise-sensitive receptors.
- Use of noise-producing signals, including horns, whistles, alarms, and bells, will be restricted for safety warning purposes only.
- Onsite construction vehicle speeds will be reduced to at least 15 miles per hour.
- All roof-mounted HVAC equipment will be properly screened from view by neighboring land uses with a structural parapet.
- Any potential emergency generator that will be installed at the project site will be housed in an enclosure and located within a designated mechanical room.

## 6.3 Thresholds of Significance

The criteria used to evaluate the potential construction and operational noise impacts associated with the proposed project are discussed below.

### 6.3.1 Short-term Construction Noise Criteria

As discussed previously in Section 5.3, *Local*, the City regulates construction noise levels per the requirements of the LAMC, which establishes permissible hours for construction activities under Section 41.40 and noise level limits for construction equipment under Section 112.05. As such, the construction noise levels generated by the project would be assessed against these noise regulations and standards of the LAMC to determine whether potential noise impacts would occur. It should be noted that both Sections 41.40 and 112.05 of the LAMC also identify conditions where their respective provisions would not apply. With respect to permissible hours for construction activities,

Section 41.40(b) states that construction work occurring outside of the hours between 7:00 a.m. to 9:00 p.m. is allowed if written permission from the Board of Police is obtained. With respect to noise level limits for construction equipment, Section 112.05 of the LAMC also states that its noise limit “shall not apply where compliance is technically infeasible. Technical infeasibility means that the noise limit cannot be achieved despite the use of mufflers, shields, sound barriers, and/or other noise reduction devices or techniques during operation of the equipment.” Therefore, construction activities that either occur outside of the City’s permitted construction hours and days identified in Section 41.40 of the LAMC without written permission from the Board of Police, or generate noise levels in excess of the 75 dBA 1-hour  $L_{eq}$  noise limit established under Section 112.05 of the LAMC without implementation of technically feasible noise-reduction measures or techniques, are considered to result in significant impacts. Section 112.05 of the LAMC indicates that the 75 dBA  $L_{eq}$  noise limit applies at a distance of 50 feet. However, for the purpose of conducting a conservative analysis, the noise limit is applied at the nearest sensitive receptors to the project site even though these existing noise-sensitive receptors are located further than 50 feet from the project site.

### 6.3.2 Long-Term Operational Noise Criteria

In accordance with Chapter XI, *Noise Regulation*, of the LAMC, a noise level increase of 5 dBA over the existing average ambient noise level at an adjacent property line is considered a noise violation for most operational noise sources (City of Los Angeles 2019). This standard applies to: (1) radios, television sets, and similar devices defined in LAMC Section 112.01; (2) air conditioning, refrigeration, heating, pumping, and filtering equipment defined in LAMC Section 112.02; (3) powered equipment intended for repetitive use in residential areas and other machinery, equipment, and devices defined in LAMC Section 112.04; and (4) motor vehicles driven on site as defined in LAMC Section 114.02. As such, based on the regulations of the LAMC, a significant operational noise impact would occur if project-related operational onsite (i.e., non-roadway) noise sources such as building mechanical/electrical equipment, parking facilities, and outdoor gathering areas increase the existing ambient noise level at noise-sensitive uses by more than 5 dBA.

### 6.3.3 Traffic Noise Criteria

With respect to roadway noise, which is a continual noise source that occurs throughout the day, a 24-hour average noise level metric (i.e., dBA CNEL) is used to assess noise impacts associated with the project based on the City’s land use/noise compatibility guidelines shown in Table 5-3.<sup>5</sup> With respect to the community noise assessment, changes in noise levels of less than 3 dBA are generally not discernable to most people, while changes greater than 5 dBA are readily perceptible and would be considered a significant increase. For the purpose of this analysis, a significant impact related to an increase in traffic noise levels resulting from project-induced vehicle trips during construction (worker trips) and operations would occur if the project causes the ambient noise level at affected sensitive land uses to increase by 3 dBA in CNEL to or within the “normally unacceptable” or “clearly unacceptable” category identified in Table 5-3, or any 5 dBA or greater noise increase if the ambient noise level at the affected sensitive land use is within the “normally acceptable” or “conditionally acceptable” category.

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<sup>5</sup> As discussed in Section 5.3.1, *Noise*, above, the City’s land use/noise compatibility guidelines are most commonly applied to noise from mobile (transportation) noise sources, such as traffic, rail, and aircraft noise. Stationary noise sources are most commonly addressed using the municipal code standards.

### **6.3.4 Groundborne Vibration Criteria**

As there are currently no local regulatory standards for groundborne vibration that are applicable to the project, the quantitative criteria published by Caltrans to assess potential structural damage risks and human annoyance resulting from groundborne noise and vibration (refer to Table 5-1 and PPV = peak particle velocity

Table 5-2) will be used as the threshold of significance for this analysis.

## **6.4 Impact Analysis**

### **6.4.1 Construction Noise**

#### **Onsite Construction Noise**

Construction activities associated with the project are anticipated to last approximately 12 months, with completion anticipated in 2023. During this time, temporary increases in noise levels in the project area would occur due to the operation of various large construction equipment within the project site. For any individual offsite receptor located in proximity to the project, noise levels experienced over the construction period would fluctuate depending on the type of construction activity and the location of that activity occurring within the project site. The noise levels generated by each individual piece of construction equipment associated with each of the different construction activities phases that would occur as part of the project are shown in Table 6-2.

**Table 6-2. Project Construction Phases and Equipment Noise Levels**

Phase	Equipment	Quantity <sup>a</sup>	Individual Equipment Noise Levels (dBA) at 50 Feet
			L <sub>eq</sub>
Demolition	Dump Truck	1	73
	Excavator	1	77
	Street Sweeper	1	72
	Water Truck	1	70
Site preparation	Dozer	1	78
	Dump Truck	1	73
	Loader	1	75
	Street Sweeper	1	72
	Water Truck	1	70
Grading	Dump Truck	2	73
	Grader	1	81
	Loader	1	75
	Street Sweeper	1	72
	Water Truck	2	70
Building Construction	Backhoe	1	74
	Compactor	1	76
	Concrete Truck	2	73
	Crane	2	73
	Skid Steer Loader	2	74
	Street Sweeper	1	72
	Water Truck	1	70
Paving	Backhoe	1	74
	Compactor	1	76
	Concrete Truck	2	73
	Dump Truck	1	73
	Paver	1	74
	Street Sweeper	1	72

Source: FHWA 2008.

<sup>a</sup> The quantity of each type of equipment that is anticipated to operate at the project site during each construction activity.

For the purposes of this analysis, the composite hourly average noise levels for the multiple equipment items associated with each construction activity shown in Table 6-2 were first calculated at a reference distance of 50 feet as part of an intermediary step for use in estimating the noise levels at sensitive offsite receptors. The composite hourly average noise levels for each construction activity are shown in Table 6-3.



**Table 6-3. Composite Noise Levels for Each Construction Phase**

Construction Phase	Average Composite Hourly Noise Level ( $L_{eq}$ ) at 50 feet, dBA
Demolition	80
Site preparation	81
Grading	84
Building Construction	83
Paving	82

As shown in Table 6-3, the average hourly noise levels for the project’s construction activities would range from 80 to 84 dBA  $L_{eq}$  at the reference distance of 50 feet. The highest noise levels would be associated with the grading construction activities.

The nearest sensitive land uses in the project site vicinity that could be exposed to increased noise levels during project construction include:

- The single- and multi-family residential uses located approximately 195 feet to the north of the project site, across West 58<sup>th</sup> Street (SR-1 in Figure 6-1)<sup>6</sup>
- The multi-family residential uses located northwest of the project site and across Normandie Avenue, with the nearest residence located approximately 155 feet away (SR-2 in Figure 6-1)
- The single-family residential uses located west of the project site and behind an existing commercial property located across Normandie Avenue, with the nearest residence located approximately 295 feet away (SR-3 in Figure 6-1)
- The single-family residential uses located south of the project site and across Slauson Avenue, with the nearest residence located approximately 70 feet away (SR-4 in Figure 6-1)
- The single-family residential uses located east of the project site and across Budlong Avenue, with the nearest residence located approximately 60 feet away (SR-5 in Figure 6-1)

For the purposes of this analysis, potential construction-related noise impacts were assessed at these nearest sensitive receptor locations. The highest construction noise levels at each of these analyzed receptor locations were estimated based on the composite noise levels shown in Table 6-3 and the distance of each analyzed receptor from the project’s construction activities. The estimated construction noise levels experienced by the nearby sensitive receptors are shown in Table 6-4. The locations of these receptors are shown on Figure 6-1. Detailed calculations are provided in Appendix B.

<sup>6</sup> The SR-1 location is used to represent the nearest residential uses located north of the project fronting West 58<sup>th</sup> Street, between Normandie Avenue and Slauson Avenue.

**Table 6-4. Estimated Construction Noise Levels at Nearby Sensitive Receptors – Unmitigated**

Receptor Location	Project Construction Phase	Estimated Average Hourly Noise Level (dBA Leq) <sup>a</sup>	Highest Estimated Average Hourly Noise Level (dBA Leq)	Exceed Applicable Noise Standard?
SR-1 <sup>b</sup> – Nearest single- and multi-family residential uses located north of the project site, across West 58th Street.	Demolition	58	62 <sup>c</sup>	No
	Site preparation	59		
	Grading	62		
	Building Construction	61		
	Paving	60		
SR-2 – Nearest multi-family residential use located northwest of the project site, across Normandie Avenue.	Demolition	56	60 <sup>c</sup>	No
	Site preparation	57		
	Grading	60		
	Building Construction	59		
	Paving	58		
SR-3 – Nearest single-family residential use located west of the project site and behind an existing commercial property, across Normandie Avenue.	Demolition	52	56 <sup>c</sup>	No
	Site preparation	53		
	Grading	56		
	Building Construction	55		
	Paving	54		
SR-4 – Nearest single-family residential use located south of the project site, across Slauson Avenue.	Demolition	67	71	No
	Site preparation	68		
	Grading	71		
	Building Construction	70		
	Paving	69		
SR-5 – Nearest single-family residential use located east of the project site, across Budlong Avenue.	Demolition	65	69	No
	Site preparation	66		
	Grading	69		
	Building Construction	68		
	Paving	67		

- a The noise levels are estimated using a source-to-receptor distance that represents the acoustical average distance between the construction area and each receptor location.
- b Given that the nearest residential uses located north of the project site extend along the entire segment of West 58<sup>th</sup> Street between Normandie Avenue and Budlong Avenue, for the purpose of this analysis the selected location to be analyzed (i.e., SR-1) is located near the middle of the street segment where it would have the minimum acoustical average distance from the project's onsite construction noise sources.
- c The estimated construction noise level at this location takes into account an additional 5 dBA reduction in noise levels due to the presence of intervening building structures that obstruct the line of sight between the receptor and the project site.

As shown in Table 6-4, the highest estimated construction-related noise levels that could result at nearby sensitive receptors over the course of project’s construction period would range from 56 dBA  $L_{eq}$  at SR-3 to 71 dBA  $L_{eq}$  at SR-4. Overall, all of the analyzed sensitive receptors that are nearest to the project site would not be exposed to construction noise levels exceeding the City’s noise standard of 75 dBA  $L_{eq}$ .

### Off-Site Construction Traffic Noise

Construction worker vehicles and haul trucks, which would transport equipment and materials to and from the project site, would incrementally increase noise levels on the local roads in the project area. The trucks traveling to and from the project site would be required to travel along the haul route approved by the City of Los Angeles for the project. It is anticipated that the proposed haul route for the project will require trucks to access the project site from the nearby Interstate (I-) 110 and traveling on Slauson Avenue. I-110 is located approximately 0.9 mile east of the project site.

Based on construction-related information provided by BOE, it was determined that the demolition phase would require the heaviest worker and truck trips per day. As such this phase would contribute most to increased roadway noise levels in the project area. During the demolition phase, an estimated 178 daily truck trips (89 inbound and 89 outbound) and 48 daily worker trips (24 inbound and 24 outbound) would occur. To assess the potential traffic noise increase resulting from project construction, the additional daily traffic volumes generated from the project’s demolition phase were added to the existing daily traffic volumes on the segments of Slauson Avenue in the project vicinity to assess the increase in noise levels. The estimated roadway noise levels resulting from the addition of the project’s construction-related traffic on these roadway segments are shown in Table 6-5.

**Table 6-5. Off-Site Construction Traffic Noise Levels**

Roadway	Roadway Segment	Existing Traffic Volume Noise Levels (dBA CNEL) <sup>a</sup>	Existing + Project Construction Traffic Volume Noise Levels (dBA CNEL) <sup>a</sup>	Increase (dBA CNEL)
<i>Demolition Phase</i>				
Slauson Avenue	East of Normandie Avenue	65.5	66.0	0.5
	West of Budlong Avenue	65.6	66.1	0.5
	East of Budlong Avenue	65.5	66.0	0.5

Existing Traffic Information Source: Fehr & Peers 2021.

<sup>a</sup> Noise levels are estimated at 50 feet from the roadway centerline.

As shown in Table 6-5, the increase in traffic noise levels on Slauson Avenue would be below the most stringent criterion of 3 dBA CNEL during the demolition phase. As such, the project’s effect on daily average ambient noise levels related to construction traffic would be barely noticeable. As such, the project’s effect on ambient noise levels with respect to construction vehicle and haul trips would be negligible.

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**Figure 6-1**  
**Offsite Sensitive Receptor Locations Analyzed**  
**Slauson Connect Recreation Center**





## 6.4.2 Project Operation

### Off-Site Operational Traffic Noise

The project would generate new vehicle trips that would incrementally add to traffic levels on surrounding streets and could change the associated traffic noise levels. Based on the AM and PM peak hour traffic volumes obtained from the project's traffic engineer at the study intersections of Slauson Avenue and Normandie Avenue and Slauson Avenue and Budlong Avenue, it was determined that the PM peak hour volumes were higher (representing worst-case peak hour traffic volumes), and therefore were used to derive the ADT volumes for the traffic noise analysis. The ADT volumes on the nearby roadway segments to the project site were estimated, based on guidance from the traffic engineers, by assuming that the peak PM traffic volumes at the study intersections represented 10 percent of the ADT.<sup>7</sup>

Table 6-6 summarizes the predicted existing and future noise levels, both with and without the project, from the roadway segments that are adjacent to the project site. The results indicate that future traffic noise levels with the project along the studied roadway segments would only be 0.1 dBA higher than existing baseline conditions on certain segments. Project-generated traffic results indicate that the project would also contribute no more than a 0.1 dBA increase over the future no project conditions. With respect to the community noise assessment, changes in noise levels of less than 3 dBA are generally not discernable to most people. As such, the small level of traffic noise increase resulting from the project is considered imperceptible to the human ear. Therefore, impacts associated with traffic noise levels from implementation of the project would not generate a substantial increase in noise levels in the project area.

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<sup>7</sup> Personal communication with Netai Basu of Fehr & Peers on March 29, 2021.

**Table 6-6. Predicted Traffic Noise Levels**

Roadway/Segment	Estimated Traffic Noise Levels at 50 feet from Roadway Centerline (dBA CNEL)				
	Existing (Baseline)	Future without Project	Future with Project	Increase over Existing (Cumulative) <sup>a</sup>	Increase over Future without Project <sup>a</sup>
<i>Normandie Avenue</i>					
North of Slauson Avenue	66.4	66.4	66.5	0.1	0.1
South of Slauson Avenue	66.2	66.2	66.2	0.0	0.0
<i>Budlong Avenue</i>					
North of Slauson Avenue	57.2	57.2	57.3	0.1	0.1
South of Slauson Avenue	55.7	55.7	55.7	0.0	0.0
<i>Slauson Avenue</i>					
West of Normandie Avenue	65.5	65.5	65.6	0.1	0.1
East of Normandie Avenue	65.5	65.5	65.6	0.1	0.1
West of Budlong Avenue	65.6	65.6	65.7	0.1	0.1
East of Budlong Avenue	65.5	65.6	65.6	0.1	0.0

<sup>a</sup> Values representing noise increases may not add up exactly due to rounding.  
dBA = A-weighted decibel; CNEL = Community Noise Equivalent Level



## On-Site Stationary Source Noise

Once operational, the project would introduce stationary onsite noise sources at the project site. These would include the onsite parking area, mechanical equipment (i.e., rooftop HVACs and a potential emergency generator), and activities at the child care center outdoor play area.

### Parking Noise

The project would include onsite parking on the west side of the project property at the ground level that would accommodate a total of 20 parking spaces.<sup>8</sup> A driveway off of Normandie Avenue would serve as the only entry and exit point for this parking area. The nearest sensitive receptors that may be exposed to the project's parking noise levels would be SR-2 and SR-3 located approximately 165 feet northwest and 295 feet west, respectively, of the access driveway off of Normandie Avenue. Activities at the parking area would generate sporadic noise from vehicles starting, car doors slamming, car alarms, people talking, etc.

For the purpose of quantifying noise levels generated by the project's ground level parking area, it was conservatively assumed that up to 20 percent of the project's daily vehicle trips (i.e., approximately 103 vehicles) would access the parking area during the peak hour. Based on this peak hour traffic volume and the distance to the nearest offsite sensitive receptors, it was determined, using FTA's recommended methodology for stationary source general assessment, that the project's highest peak-hour vehicle trips would generate noise levels of approximately 36 dBA  $L_{eq}$  at SR-2 and 21 dBA  $L_{eq}$  at SR-3.<sup>9</sup> As shown in Table 4-1, the existing daytime hourly noise levels measured in the project area where residential uses are located ranged from approximately 57 dBA  $L_{eq}$  to 70 dBA  $L_{eq}$ . Additionally, the average hourly noise levels during nighttime hours were measured at 66 dBA  $L_{eq}$  at the LT1 location (refer to Figure 6-1), which is representative of the noise environment in the immediate project area where the nearest sensitive receptors to the project's parking area are located. Thus, because the parking noise levels generated by the project at the nearest offsite sensitive receptors are well below the existing ambient daytime and nighttime noise levels in the project area, the noise levels generated by the project's parking-related activities would not result in any substantial increase in long-term noise levels at these offsite receptors. As these nearest receptors would not be exposed to a substantial increase in long-term noise levels from the project's parking area, the noise levels experienced at receptors that are farther from the project site would also not be substantial. While other parking-related noise sources such as tire squeal and car alarms could also be generated within the project's parking area, these noise sources only happen occasionally and the noise levels generated would not be of a magnitude that would present a nuisance unless sensitive land uses are located immediately adjacent to the parking area.

### Mechanical Equipment

As part of the project, noise-generating mechanical equipment at the project site would include roof-mounted HVAC equipment and a potential emergency generator located on the ground level. Noise from the rooftop HVAC units would be generated when the equipment is in operation throughout

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<sup>8</sup> Personal communication with Ohaji Abdallah of City of Los Angeles Bureau of Engineering on March 25, 2021.

<sup>9</sup> The resulting noise level at SR-3 accounts for noise attenuation provided by the commercial use located at the northwest corner of Slauson Avenue and Normandie Avenue.

the day. However, because the proposed building will be three-stories in height, the HVAC units would be situated at a higher elevation than the existing nearest sensitive receptors, most of which are only one-story in height. This vertical distance would attenuate noise levels generated by the HVAC units. A total of five six-ton HVAC units are anticipated to be installed for the proposed project building. Based on representative manufacturer's specifications for a six-ton HVAC unit, noise levels generated by a single unit would be approximately 82 dBA at an assumed distance of 1 meter.<sup>10</sup> While the placement of these HVAC units has not been determined at this time as the proposed project is in the conceptual design phase, for the purpose of this analysis it is assumed that the five HVAC units would be distributed in a linear fashion across the rectangular-shaped building and equidistant from each other. Based on this distribution of the HVAC units on the rooftop the resulting noise levels at the nearest surrounding sensitive receptors to the project site were estimated. As part of the project's BMPs, all of the roof-mounted HVAC equipment will be properly screened from view by neighboring land uses with a structural parapet. The screening provided by the structural parapet on the rooftop would provide an approximately 5 dBA attenuation of the noise levels generated by the HVAC units. The project's rooftop HVAC equipment would generate the following noise levels at the nearest sensitive receptors to the project site:

- Approximately 43 dBA  $L_{eq}$  at SR-1
- Approximately 39 dBA  $L_{eq}$  at SR-2
- Approximately 36 dBA  $L_{eq}$  at SR-3
- Approximately 47 dBA  $L_{eq}$  at SR-4
- Approximately 40 dBA  $L_{eq}$  at SR-5

These noise levels at the nearest offsite sensitive receptors would be well below both the daytime and nighttime ambient noise levels in the project area (refer to Table 4-1). Overall, the operation of the project's rooftop HVAC units would comply with Section 112.02 of the LAMC, which prohibits noise from air conditioning, refrigeration, heating, pumping, and filtering equipment from exceeding the ambient noise level on the premises of other occupied properties by more than 5 dBA, and would not generate substantial noise level increases at nearby offsite sensitive uses. As the nearest offsite sensitive receptors would not be exposed to a substantial increase in long-term noise levels from the project's rooftop HVAC units, the noise levels experienced at other receptors farther from the project site would also not be substantial.

Additionally, the proposed project could also potentially include an emergency generator onsite. Given that the proposed project is currently in the conceptual design phase, the location of a potential emergency generator has not been determined at this time but is anticipated to be located on the ground floor of the new building. This emergency generator would generally be operated periodically for testing and maintenance purposes as well as during times of electrical power failure at the project site. As part of the project's BMPs, this emergency generator will be housed in an enclosure and located within a designated mechanical room. Based on the manufacturer's specification sheet for a generator enclosure, the generator's attenuated noise levels from the enclosure would be approximately 63 dBA at a distance of 23 feet.<sup>11</sup> In addition, placement of the

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<sup>10</sup> The specification sheet is located in Appendix B of this report. As there is no reference distance for the noise level in the specification sheet, it is assumed that the reference distance is at 1 meter.

<sup>11</sup> The specification sheet is located in Appendix B of this report.

emergency generator in a designated mechanical room would further provide a minimum additional noise attenuation of 10 dBA. Of the offsite sensitive receptors that currently surround the project site, the nearest would be at the SR-5 location which is located approximately 60 feet east of the project site boundary. Under a worst-case scenario where the emergency generator is located within a mechanical room at the easternmost edge of the proposed building, the noise levels at the SR-5 location would be approximately 45 dBA  $L_{eq}$ , which would be well below the daytime and nighttime ambient noise levels in the project area. The resulting noise levels at other offsite sensitive receptor locations that are located further away from the project site property line would be lower than 45 dBA  $L_{eq}$ . It should be further noted that noise levels from the emergency generator would not occur on a frequent basis or for prolonged periods of time at the project site, as its operation would mainly occur during electrical power outages that are often short-lived. Additionally, its operation for the purposes of testing and maintenance would also only occur for a limited duration over the course of a day and would generally would not take place during the more noise-sensitive nighttime hours. Thus, the operation of an emergency generator at the project site would not generate substantial noise level increases at nearby offsite sensitive uses.

### **Outdoor Amenity Areas**

The project would include an enclosed outdoor play area associated with the onsite child care center. This enclosed play area would be placed on the south side of the new building facing the proposed passive park area and Budlong Avenue, and would be shielded from Slauson Avenue with solid concrete masonry unit (CMU) block walls and vegetated walls. The nearest offsite sensitive receptor to this enclosed play area would be the single-family residential dwelling at the SR-5 location, which would be located approximately 200 feet away to the east. However, this residential property would not have a direct line-of-sight of the play area as it would be partially shielded by the existing industrial and commercial uses located adjacent to the project site to the north.

It is assumed that up to 20 children may be gathered at the enclosed play area at a given time. For the purpose of providing a quantitative analysis, it is assumed that 50 percent of the children gathered in the play area would be talking concurrently at any given moment. Of this group, five children will be speaking with a “raised” voice, three would be speaking with a “loud” voice, and two would be shouting. Based on the distance from the outdoor play area to the nearest offsite sensitive receptor at the SR-5 location and published data for human speech noise levels along with accounting for noise attenuation provided by the play area walls and existing industrial and commercial uses, the resulting noise level at the SR-5 location would be approximately 40 dBA  $L_{eq}$ . This noise level would be below the daytime and nighttime noise levels measured in the project area vicinity. Noise sensitive receptors that are located further away from the outdoor play area would be exposed to even lower noise levels. As such, noise levels generated at the outdoor play area would not generate substantial noise level increases at nearby offsite sensitive uses.

The proposed project would also have rooftop meeting spaces for small meetings. However, relative to the child care center outdoor play area, the noise levels generated at these small meeting spaces would be much lower as voice levels at these meetings would generally not reach “loud” or “shouting” levels. Noise generated from people speaking or conversing at these meetings would likely be barely audible beyond the project site. As such, the rooftop meeting spaces would not generate substantial noise level increases at nearby offsite sensitive uses.

## 6.4.3 Vibration

### Project Construction

The operation of heavy construction equipment at the project site would generate groundborne vibration that could affect nearby structures to the project site. These vibration levels could also cause an annoyance to people at those locations. The closest existing structures to the project site are the existing industrial and commercial uses located directly adjacent to the north. The nearest sensitive receptor structures to the project site would be the residential uses located around the project site (i.e., SR-1 through SR-5). For the purpose of this analysis, all of the nearest surrounding residences are considered to fall under the “older residential structures” category under Caltrans vibration guidelines. The commercial and industrial buildings located directly adjacent and north of the project site, which appears to be older structures that do not necessarily qualify as “modern industrial/commercial buildings” under Caltrans vibration guidelines, are also conservatively evaluated as “older residential structures” in this analysis. Referring to the Caltrans guideline criteria in Table 5-1, the PPV thresholds for potential building damage from continuous and frequent intermittent sources are 0.3 in/s for older residential structures.

The proposed project, which would be constructed with the use of pre-approved modular shipping container building manufacturers, would not require high-impact construction methods such as pile driving or blasting. As such, groundborne vibration would be generated from conventional heavy construction equipment, such as bulldozers, backhoes, loaders, and excavators, during project construction. These mobile equipment would be located at various distances from nearby offsite receptors throughout the day as they operate across the project site. Throughout the course of a construction day, the majority of the equipment would primarily operate near the center alignment of the project site, with certain equipment periodically operating closer to the project site boundaries. Given the room needed for the mobile equipment to maneuver within the site, it is not anticipated that the equipment would come within approximately 10 feet from adjacent structures. Similar to the construction noise analysis, source-to-receptor distances used in this vibration analysis are the acoustical average distances between the project site and each receptor to reflect the assumed distribution of equipment across the project site.

Table 6-7 shows the estimated construction-related groundborne vibration levels that could occur at the nearest offsite structures to the project site, based on the use of either large (full-size) or smaller (mini-size) mobile equipment (e.g., bulldozers, backhoes, loaders), and the resulting vibration impacts at these locations related to potential building damage and human annoyance. Detailed calculations are provided in Appendix C.

**Table 6-7. Groundborne Vibration Levels at Off-Site Receptor Locations**

Off-Site Receptor Location	Large Mobile Equipment <sup>a</sup>			Small Mobile Equipment <sup>b</sup>		
	Estimated PPV (in/s)	Building Damage? <sup>c</sup>	Human Response <sup>d</sup>	Estimated PPV (in/s)	Building Damage? <sup>c</sup>	Human Response <sup>d</sup>
1. Nearest single- and multi-family residential uses located north of the project site, across West 58th Street.	0.007	No	Below barely perceptible	<0.001	No	Below barely perceptible
2. Nearest multi-family residential use located northwest of the project site, across Normandie Avenue.	0.009	No	Below barely perceptible	<0.001	No	Below barely perceptible
3. Nearest single-family residential use located west of the project site and behind an existing commercial property, across Normandie Avenue.	0.006	No	Below barely perceptible	<0.001	No	Below barely perceptible
4. Nearest single-family residential use located south of the project site, across Slauson Avenue.	0.020	No	Barely perceptible	0.001	No	Below barely perceptible
5. Nearest single-family residential use located east of the project site, across Budlong Avenue.	0.022	No	Barely perceptible	0.001	No	Below barely perceptible
6. Existing industrial and commercial uses directly north of project site.	0.082	No	Distinctly perceptible	0.003	No	Below barely perceptible

<sup>a</sup> Representative of any full-size/large excavator, dozer, loader, etc.

<sup>b</sup> Representative of any small excavator, dozer, loader, etc.

<sup>c</sup> For the purpose of this analysis, all of the nearest surrounding residences are considered to fall under the “older residential structures” category under Caltrans vibration guidelines. The commercial and industrial buildings located directly adjacent and north of the project site, which appears to be older structures that do not necessarily qualify as “modern industrial/commercial buildings” under Caltrans vibration guidelines, are also conservatively evaluated as “older residential structures” in this analysis. Referring to the Caltrans guideline criteria shown in Table 5-1, the PPV threshold for an older residential structure is 0.3 in/s.

<sup>d</sup> Refer to PPV = peak particle velocity  
Table 5-2 for Caltrans vibration annoyance criteria.

As shown in Table 6-7, even with the use of large, full-size mobile equipment at the project site the vibration levels generated during project construction would not exceed the applicable vibration criteria for building damage or human annoyance at the nearest surrounding existing offsite structures. Of the nearby receptors analyzed in Table 6-7, only the existing industrial and commercial uses located directly adjacent to the project site would experience distinctly perceptible vibration levels, while all of the other receptors would experience vibration levels that are either barely perceptible or below barely perceptible. While vibration during project construction would be distinctly perceptible at times at the existing industrial and commercial uses, these occurrences would only occur briefly throughout the day when a large mobile equipment is operating near the project site boundary directly adjacent to these uses. Once the equipment moves to another location within the project site that is farther away the vibration levels would dissipate rapidly and would be barely perceptible. Additionally, industrial and commercial land uses are not considered to be vibration-sensitive uses as these locations do not involve people trying to relax or sleep. As shown in Table 6-7, the vibration levels at all of the nearby sensitive land uses to the project site would be either barely perceptible or below barely perceptible. Consequently, offsite receptors farther from the project site would also not be exposed to excessive groundborne vibration levels during project construction.

## **Project Operation**

As the project is a multi-faceted facility that serves as a recreation and community center, there would be no major sources of vibration resulting from operation of the project. While operation of onsite mechanical equipment such as HVAC equipment could produce low levels of vibration, these vibration levels would only occur in the immediate area where the equipment is located within the project building and would not result in any impacts at nearby offsite structures. Given that the operation of construction equipment at the project site would not result in vibration levels that would exceed the applicable vibration criteria for building damage or human annoyance at the nearest surrounding offsite structures (refer to Table 6-7), any vibration levels generated by the project's onsite mechanical equipment would also not result in perceptible vibration levels at nearby offsite structures. Therefore, operation of the project would not result in vibration levels that would adversely affect the nearest offsite receptors to the project site.

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## 7.2 Persons Consulted

- Abdallah, Ohaji, Los Angeles Bureau of Engineering. Los Angeles, CA. March 25, 2021—personal communication to Tanvi Lal.
- Basu, Netai, Fehr & Peers. Los Angeles, CA. March 25, 2021—personal communication to Terrance Wong.





Appendix A  
**Noise Measurement Data**

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Start Date	Start Time		Leq	SEL	Lmax	Lmin			Leq (h)	
3/8/2021	11:00 AM	1.0 min	75.3	93.1	83.6	60.5	33884416	68.7	11:00 AM	68.7
3/8/2021	11:01 AM	1.0 min	69.3	87.1	75.7	59.1	8511380		12:00 PM	68.0
3/8/2021	11:02 AM	1.0 min	65.3	83.1	70.1	58.4	3388442		1:00 PM	67.7
3/8/2021	11:03 AM	1.0 min	67	84.8	72.7	56	5011872		2:00 PM	69.7
3/8/2021	11:04 AM	1.0 min	69.3	87.1	76.5	58.5	8511380		3:00 PM	71.9
3/8/2021	11:05 AM	1.0 min	64.1	81.9	71.7	55.1	2570396		4:00 PM	71.2
3/8/2021	11:06 AM	1.0 min	66.8	84.6	73.8	56.9	4786301		5:00 PM	71.5
3/8/2021	11:07 AM	1.0 min	65	82.8	70.7	57.1	3162278		6:00 PM	69.2
3/8/2021	11:08 AM	1.0 min	64.6	82.4	74.7	55.4	2884032		7:00 PM	72.2
3/8/2021	11:09 AM	1.0 min	57.5	75.3	63.2	55.6	562341.3		8:00 PM	71.2
3/8/2021	11:10 AM	1.0 min	61.7	79.5	73.1	55.6	1479108		9:00 PM	67.6
3/8/2021	11:11 AM	1.0 min	59.7	77.5	66	53.6	933254.3		10:00 PM	66.4
3/8/2021	11:12 AM	1.0 min	69.2	87	82.5	40.6	8317638		11:00 PM	66.2
3/8/2021	11:13 AM	1.0 min	73.3	91.1	86.9	56.9	21379621		12:00 AM	64.4
3/8/2021	11:14 AM	1.0 min	69.1	86.9	82.3	57.3	8128305		1:00 AM	63.8
3/8/2021	11:15 AM	1.0 min	72.8	90.6	82.1	57.7	19054607		2:00 AM	63.7
3/8/2021	11:16 AM	1.0 min	65.9	83.7	71.8	56.2	3890451		3:00 AM	60.7
3/8/2021	11:17 AM	1.0 min	75.2	93	90.5	59.5	33113112		4:00 AM	65.8
3/8/2021	11:18 AM	1.0 min	70.1	87.9	81.3	57.4	10232930		5:00 AM	67.2
3/8/2021	11:19 AM	1.0 min	70.9	88.7	85.6	56.1	12302688		6:00 AM	71.2
3/8/2021	11:20 AM	1.0 min	66.4	84.2	76.3	56.9	4365158		7:00 AM	69.1
3/8/2021	11:21 AM	1.0 min	66	83.8	79.8	55.4	3981072		8:00 AM	68.3
3/8/2021	11:22 AM	1.0 min	64.7	82.5	71.1	57.4	2951209		9:00 AM	66.9
3/8/2021	11:23 AM	1.0 min	72.7	90.5	83.5	61.2	18620871		10:00 AM	68.2
3/8/2021	11:24 AM	1.0 min	66.5	84.3	72.2	58.5	4466836			
3/8/2021	11:25 AM	1.0 min	65.4	83.2	73.7	55.1	3467369			
3/8/2021	11:26 AM	1.0 min	64.9	82.7	69.6	59.4	3090295			
3/8/2021	11:27 AM	1.0 min	65.8	83.6	72.7	57.3	3801894			
3/8/2021	11:28 AM	1.0 min	66.7	84.5	71.3	55.2	4677351			
3/8/2021	11:29 AM	1.0 min	68	85.8	71.5	62.9	6309573			
3/8/2021	11:30 AM	1.0 min	67.7	85.5	73.7	57.8	5888437			
3/8/2021	11:31 AM	1.0 min	66.8	84.6	72.7	55.4	4786301			
3/8/2021	11:32 AM	1.0 min	66	83.8	73.4	56	3981072			
3/8/2021	11:33 AM	1.0 min	69.5	87.3	79.1	57.6	8912509			
3/8/2021	11:34 AM	1.0 min	66.1	83.9	73.4	57	4073803			
3/8/2021	11:35 AM	1.0 min	65.2	83	70.1	59.7	3311311			
3/8/2021	11:36 AM	1.0 min	66.6	84.4	71.1	55.6	4570882			
3/8/2021	11:37 AM	1.0 min	67.6	85.4	73.9	60.2	5754399			
3/8/2021	11:38 AM	1.0 min	70.3	88.1	80.3	59.7	10715193			
3/8/2021	11:39 AM	1.0 min	78.1	95.9	88.4	62.5	64565423			
3/8/2021	11:40 AM	1.0 min	69	86.8	80.1	61.8	7943282			
3/8/2021	11:41 AM	1.0 min	67.7	85.5	75.6	60.2	5888437			
3/8/2021	11:42 AM	1.0 min	67.7	85.5	74.2	58.3	5888437			
3/8/2021	11:43 AM	1.0 min	62.2	80	70	56.9	1659587			
3/8/2021	11:44 AM	1.0 min	64.8	82.6	69	59.7	3019952			
3/8/2021	11:45 AM	1.0 min	66.1	83.9	72.8	54.7	4073803			
3/8/2021	11:46 AM	1.0 min	67.1	84.9	71.9	61.5	5128614			
3/8/2021	11:47 AM	1.0 min	63.7	81.5	68.4	56.9	2344229			
3/8/2021	11:48 AM	1.0 min	65.7	83.5	72.5	58.1	3715352			
3/8/2021	11:49 AM	1.0 min	65.7	83.5	70.3	57.7	3715352			
3/8/2021	11:50 AM	1.0 min	66.5	84.3	76.6	59.5	4466836			
3/8/2021	11:51 AM	1.0 min	65.7	83.5	71.9	58.4	3715352			
3/8/2021	11:52 AM	1.0 min	65.2	83	72.9	52.3	3311311			
3/8/2021	11:53 AM	1.0 min	65.5	83.3	72.9	60.1	3548134			
3/8/2021	11:54 AM	1.0 min	66.6	84.4	74.3	59.2	4570882			
3/8/2021	11:55 AM	1.0 min	65.3	83.1	71.5	56	3388442			
3/8/2021	11:56 AM	1.0 min	64.3	82.1	71	54.6	2691535			
3/8/2021	11:57 AM	1.0 min	65.7	83.5	71.9	57.7	3715352			

3/8/2021	11:58 AM	1.0 min	66.4	84.2	71.3	53.9	4365158	
3/8/2021	11:59 AM	1.0 min	64.3	82.1	68.9	56.4	2691535	
3/8/2021	12:00 PM	1.0 min	69.6	87.4	81.3	59.9	9120108	68.0
3/8/2021	12:01 PM	1.0 min	68.1	85.9	80.4	58.8	6456542	
3/8/2021	12:02 PM	1.0 min	67	84.8	74.6	57.6	5011872	
3/8/2021	12:03 PM	1.0 min	68.8	86.6	79.9	59.6	7585776	
3/8/2021	12:04 PM	1.0 min	69.2	87	83.7	58.3	8317638	
3/8/2021	12:05 PM	1.0 min	65.6	83.4	71.3	58.9	3630781	
3/8/2021	12:06 PM	1.0 min	66.7	84.5	72.3	58.2	4677351	
3/8/2021	12:07 PM	1.0 min	65.9	83.7	69.8	57.8	3890451	
3/8/2021	12:08 PM	1.0 min	66.6	84.4	77.8	58.4	4570882	
3/8/2021	12:09 PM	1.0 min	64.9	82.7	75	59.6	3090295	
3/8/2021	12:10 PM	1.0 min	66.9	84.7	74.1	60.5	4897788	
3/8/2021	12:11 PM	1.0 min	63.8	81.6	69.4	59.8	2398833	
3/8/2021	12:12 PM	1.0 min	64.9	82.7	69.6	54.8	3090295	
3/8/2021	12:13 PM	1.0 min	66.8	84.6	75.1	59.4	4786301	
3/8/2021	12:14 PM	1.0 min	63.5	81.3	72	54.8	2238721	
3/8/2021	12:15 PM	1.0 min	64.5	82.3	67.2	58.3	2818383	
3/8/2021	12:16 PM	1.0 min	66.1	83.9	71.8	58.6	4073803	
3/8/2021	12:17 PM	1.0 min	67	84.8	75.8	57.9	5011872	
3/8/2021	12:18 PM	1.0 min	65.1	82.9	69.5	55.9	3235937	
3/8/2021	12:19 PM	1.0 min	65.7	83.5	69.9	59.4	3715352	
3/8/2021	12:20 PM	1.0 min	66.2	84	69.9	57.4	4168694	
3/8/2021	12:21 PM	1.0 min	65.8	83.6	70.9	58.3	3801894	
3/8/2021	12:22 PM	1.0 min	66.1	83.9	76.5	58.5	4073803	
3/8/2021	12:23 PM	1.0 min	67.8	85.6	78.2	57.4	6025596	
3/8/2021	12:24 PM	1.0 min	65.8	83.6	71.9	55.4	3801894	
3/8/2021	12:25 PM	1.0 min	66.4	84.2	72.3	56.9	4365158	
3/8/2021	12:26 PM	1.0 min	69.9	87.7	79.7	59.9	9772372	
3/8/2021	12:27 PM	1.0 min	67.7	85.5	76.3	59.3	5888437	
3/8/2021	12:28 PM	1.0 min	65.8	83.6	72.7	57.5	3801894	
3/8/2021	12:29 PM	1.0 min	67.8	85.6	73.1	57.4	6025596	
3/8/2021	12:30 PM	1.0 min	71.3	89.1	83.3	59.4	13489629	
3/8/2021	12:31 PM	1.0 min	68.4	86.2	75.3	57.7	6918310	
3/8/2021	12:32 PM	1.0 min	66.3	84.1	73.8	58.2	4265795	
3/8/2021	12:33 PM	1.0 min	70	87.8	81.8	55.7	10000000	
3/8/2021	12:34 PM	1.0 min	63.7	81.5	69.4	57.7	2344229	
3/8/2021	12:35 PM	1.0 min	67.5	85.3	73.1	57	5623413	
3/8/2021	12:36 PM	1.0 min	69.1	86.9	77.6	58.4	8128305	
3/8/2021	12:37 PM	1.0 min	66.8	84.6	80.3	61	4786301	
3/8/2021	12:38 PM	1.0 min	66.9	84.7	77.7	60.2	4897788	
3/8/2021	12:39 PM	1.0 min	66.9	84.7	74.7	61.1	4897788	
3/8/2021	12:40 PM	1.0 min	71.8	89.6	81.9	62.6	15135612	
3/8/2021	12:41 PM	1.0 min	67.1	84.9	70.8	61.1	5128614	
3/8/2021	12:42 PM	1.0 min	66.7	84.5	73.2	59.4	4677351	
3/8/2021	12:43 PM	1.0 min	71.5	89.3	78.2	63.5	14125375	
3/8/2021	12:44 PM	1.0 min	68.5	86.3	74	56.6	7079458	
3/8/2021	12:45 PM	1.0 min	66.7	84.5	74.4	57.4	4677351	
3/8/2021	12:46 PM	1.0 min	66	83.8	72.5	59.9	3981072	
3/8/2021	12:47 PM	1.0 min	66.2	84	72.2	60.8	4168694	
3/8/2021	12:48 PM	1.0 min	68.2	86	74.5	56.1	6606934	
3/8/2021	12:49 PM	1.0 min	67.3	85.1	75.9	59.2	5370318	
3/8/2021	12:50 PM	1.0 min	72.9	90.7	80.6	59.7	19498446	
3/8/2021	12:51 PM	1.0 min	75.4	93.2	85.1	59.6	34673685	
3/8/2021	12:52 PM	1.0 min	67.3	85.1	75.8	60.2	5370318	
3/8/2021	12:53 PM	1.0 min	66.5	84.3	73.6	61.5	4466836	
3/8/2021	12:54 PM	1.0 min	62.5	80.3	69.9	55.4	1778279	
3/8/2021	12:55 PM	1.0 min	66	83.8	72	56	3981072	
3/8/2021	12:56 PM	1.0 min	66.4	84.2	70.2	60.8	4365158	

3/8/2021	12:57 PM	1.0 min	68.1	85.9	77.6	56.1	6456542	
3/8/2021	12:58 PM	1.0 min	69.2	87	79.7	60.8	8317638	
3/8/2021	12:59 PM	1.0 min	70	87.8	77.9	59.7	10000000	
3/8/2021	1:00 PM	1.0 min	65.1	82.9	72.3	58.3	3235937	67.7
3/8/2021	1:01 PM	1.0 min	66.9	84.7	71.9	54.1	4897788	
3/8/2021	1:02 PM	1.0 min	66.3	84.1	70.5	59.2	4265795	
3/8/2021	1:03 PM	1.0 min	65.8	83.6	72.3	58.4	3801894	
3/8/2021	1:04 PM	1.0 min	66.8	84.6	71.6	59.7	4786301	
3/8/2021	1:05 PM	1.0 min	65.2	83	69.8	59.6	3311311	
3/8/2021	1:06 PM	1.0 min	67.3	85.1	75.7	57.2	5370318	
3/8/2021	1:07 PM	1.0 min	63.6	81.4	68.3	58.5	2290868	
3/8/2021	1:08 PM	1.0 min	68.4	86.2	75.9	61.1	6918310	
3/8/2021	1:09 PM	1.0 min	69.9	87.7	76.9	60.7	9772372	
3/8/2021	1:10 PM	1.0 min	69.6	87.4	79.8	61.4	9120108	
3/8/2021	1:11 PM	1.0 min	64.8	82.6	69.4	55.7	3019952	
3/8/2021	1:12 PM	1.0 min	65.8	83.6	70.6	59.4	3801894	
3/8/2021	1:13 PM	1.0 min	68.2	86	73.5	59.7	6606934	
3/8/2021	1:14 PM	1.0 min	62.6	80.4	67.6	58.3	1819701	
3/8/2021	1:15 PM	1.0 min	67.5	85.3	77.8	59.8	5623413	
3/8/2021	1:16 PM	1.0 min	67	84.8	74.8	59.3	5011872	
3/8/2021	1:17 PM	1.0 min	78.6	96.4	90.3	58.4	72443596	
3/8/2021	1:18 PM	1.0 min	64.6	82.4	75.3	60.5	2884032	
3/8/2021	1:19 PM	1.0 min	66.9	84.7	69.7	59.7	4897788	
3/8/2021	1:20 PM	1.0 min	65.8	83.6	68.6	58.8	3801894	
3/8/2021	1:21 PM	1.0 min	66.3	84.1	79.3	58.9	4265795	
3/8/2021	1:22 PM	1.0 min	70.7	88.5	79.6	60	11748976	
3/8/2021	1:23 PM	1.0 min	66.8	84.6	73	58.9	4786301	
3/8/2021	1:24 PM	1.0 min	66.6	84.4	73	60.5	4570882	
3/8/2021	1:25 PM	1.0 min	67.8	85.6	74.3	60.3	6025596	
3/8/2021	1:26 PM	1.0 min	66.4	84.2	71.5	57.5	4365158	
3/8/2021	1:27 PM	1.0 min	63.6	81.4	71	55.3	2290868	
3/8/2021	1:28 PM	1.0 min	65.5	83.3	73.2	55	3548134	
3/8/2021	1:29 PM	1.0 min	69	86.8	74.4	57.1	7943282	
3/8/2021	1:30 PM	1.0 min	65.7	83.5	71	57.3	3715352	
3/8/2021	1:31 PM	1.0 min	64.7	82.5	69.2	57.9	2951209	
3/8/2021	1:32 PM	1.0 min	67.5	85.3	72.7	55.9	5623413	
3/8/2021	1:33 PM	1.0 min	63.6	81.4	68.1	57.3	2290868	
3/8/2021	1:34 PM	1.0 min	65.3	83.1	75.3	59.7	3388442	
3/8/2021	1:35 PM	1.0 min	66.3	84.1	72.6	58.2	4265795	
3/8/2021	1:36 PM	1.0 min	65.5	83.3	69.4	58.7	3548134	
3/8/2021	1:37 PM	1.0 min	62.8	80.6	67.2	58.1	1905461	
3/8/2021	1:38 PM	1.0 min	65.8	83.6	71.5	57.9	3801894	
3/8/2021	1:39 PM	1.0 min	66.7	84.5	72.7	56.9	4677351	
3/8/2021	1:40 PM	1.0 min	66.3	84.1	74.2	55.7	4265795	
3/8/2021	1:41 PM	1.0 min	66	83.8	73.3	60.8	3981072	
3/8/2021	1:42 PM	1.0 min	64.3	82.1	68.3	56.6	2691535	
3/8/2021	1:43 PM	1.0 min	70.6	88.4	79.2	59.9	11481536	
3/8/2021	1:44 PM	1.0 min	66.6	84.4	72.4	57.7	4570882	
3/8/2021	1:45 PM	1.0 min	67	84.8	74.3	56.6	5011872	
3/8/2021	1:46 PM	1.0 min	63.3	81.1	67.6	57.8	2137962	
3/8/2021	1:47 PM	1.0 min	67.2	85	71.9	56.9	5248075	
3/8/2021	1:48 PM	1.0 min	66.3	84.1	70.1	59	4265795	
3/8/2021	1:49 PM	1.0 min	65.5	83.3	70.5	55.9	3548134	
3/8/2021	1:50 PM	1.0 min	67.2	85	73	58.9	5248075	
3/8/2021	1:51 PM	1.0 min	65.6	83.4	69.2	60.1	3630781	
3/8/2021	1:52 PM	1.0 min	68.7	86.5	79.9	59.7	7413102	
3/8/2021	1:53 PM	1.0 min	68.1	85.9	72.9	63	6456542	
3/8/2021	1:54 PM	1.0 min	67	84.8	71.8	62.8	5011872	
3/8/2021	1:55 PM	1.0 min	65.4	83.2	70.4	61.4	3467369	

3/8/2021	1:56 PM	1.0 min	66.8	84.6	70.2	58.9	4786301	
3/8/2021	1:57 PM	1.0 min	67.6	85.4	72.2	62.1	5754399	
3/8/2021	1:58 PM	1.0 min	65.8	83.6	71.1	61.6	3801894	
3/8/2021	1:59 PM	1.0 min	67.7	85.5	73.2	61.4	5888437	
3/8/2021	2:00 PM	1.0 min	67.1	84.9	73.3	60.2	5128614	69.7
3/8/2021	2:01 PM	1.0 min	68.4	86.2	73.1	60.6	6918310	
3/8/2021	2:02 PM	1.0 min	67.1	84.9	71.7	60	5128614	
3/8/2021	2:03 PM	1.0 min	67.7	85.5	74.8	61.7	5888437	
3/8/2021	2:04 PM	1.0 min	66.3	84.1	73.1	62.4	4265795	
3/8/2021	2:05 PM	1.0 min	68.9	86.7	73.4	63	7762471	
3/8/2021	2:06 PM	1.0 min	68.1	85.9	73.9	60.4	6456542	
3/8/2021	2:07 PM	1.0 min	70.7	88.5	78.7	59.6	11748976	
3/8/2021	2:08 PM	1.0 min	66.7	84.5	71	57.9	4677351	
3/8/2021	2:09 PM	1.0 min	66.7	84.5	70.4	62.2	4677351	
3/8/2021	2:10 PM	1.0 min	70	87.8	77.4	61.7	10000000	
3/8/2021	2:11 PM	1.0 min	73.4	91.2	80.7	65.5	21877616	
3/8/2021	2:12 PM	1.0 min	71.3	89.1	77.5	61.6	13489629	
3/8/2021	2:13 PM	1.0 min	73.6	91.4	78.5	66.6	22908677	
3/8/2021	2:14 PM	1.0 min	75.6	93.4	84	63.5	36307805	
3/8/2021	2:15 PM	1.0 min	67.7	85.5	72.5	57.6	5888437	
3/8/2021	2:16 PM	1.0 min	67.4	85.2	71.3	58.1	5495409	
3/8/2021	2:17 PM	1.0 min	67.9	85.7	72	63	6165950	
3/8/2021	2:18 PM	1.0 min	65.7	83.5	69.2	61.1	3715352	
3/8/2021	2:19 PM	1.0 min	71.8	89.6	81	64	15135612	
3/8/2021	2:20 PM	1.0 min	68.1	85.9	76.9	62.7	6456542	
3/8/2021	2:21 PM	1.0 min	66	83.8	69.6	62.7	3981072	
3/8/2021	2:22 PM	1.0 min	72.1	89.9	78.2	63.2	16218101	
3/8/2021	2:23 PM	1.0 min	66.6	84.4	71	59.8	4570882	
3/8/2021	2:24 PM	1.0 min	65.6	83.4	69.3	61	3630781	
3/8/2021	2:25 PM	1.0 min	68.3	86.1	74.5	63.4	6760830	
3/8/2021	2:26 PM	1.0 min	68.7	86.5	74.8	59.1	7413102	
3/8/2021	2:27 PM	1.0 min	67.8	85.6	73.9	58.3	6025596	
3/8/2021	2:28 PM	1.0 min	65.7	83.5	69.9	59.6	3715352	
3/8/2021	2:29 PM	1.0 min	67.2	85	72.9	61.9	5248075	
3/8/2021	2:30 PM	1.0 min	69.7	87.5	75.6	60.9	9332543	
3/8/2021	2:31 PM	1.0 min	68.5	86.3	76.8	62.1	7079458	
3/8/2021	2:32 PM	1.0 min	68.8	86.6	77.6	61.2	7585776	
3/8/2021	2:33 PM	1.0 min	65.5	83.3	70.2	58.5	3548134	
3/8/2021	2:34 PM	1.0 min	70.3	88.1	76.4	59.6	10715193	
3/8/2021	2:35 PM	1.0 min	66	83.8	76	60.4	3981072	
3/8/2021	2:36 PM	1.0 min	73.5	91.3	82.4	64	22387211	
3/8/2021	2:37 PM	1.0 min	67.6	85.4	78.9	56.7	5754399	
3/8/2021	2:38 PM	1.0 min	70.1	87.9	77.3	64.8	10232930	
3/8/2021	2:39 PM	1.0 min	69.2	87	77.2	63.6	8317638	
3/8/2021	2:40 PM	1.0 min	72.4	90.2	77.8	60.9	17378008	
3/8/2021	2:41 PM	1.0 min	67.9	85.7	72.9	61.6	6165950	
3/8/2021	2:42 PM	1.0 min	67.3	85.1	71.1	63.8	5370318	
3/8/2021	2:43 PM	1.0 min	69.1	86.9	77.7	59.4	8128305	
3/8/2021	2:44 PM	1.0 min	72.5	90.3	78.9	62.2	17782794	
3/8/2021	2:45 PM	1.0 min	65.2	83	70.3	61.2	3311311	
3/8/2021	2:46 PM	1.0 min	73.8	91.6	84	63.6	23988329	
3/8/2021	2:47 PM	1.0 min	69.9	87.7	79	63.1	9772372	
3/8/2021	2:48 PM	1.0 min	70.1	87.9	75.8	62.8	10232930	
3/8/2021	2:49 PM	1.0 min	67.4	85.2	72.3	60.9	5495409	
3/8/2021	2:50 PM	1.0 min	69	86.8	78.2	59.1	7943282	
3/8/2021	2:51 PM	1.0 min	68.2	86	76.5	58.7	6606934	
3/8/2021	2:52 PM	1.0 min	66.6	84.4	71.7	62	4570882	
3/8/2021	2:53 PM	1.0 min	67.6	85.4	71.7	59.9	5754399	
3/8/2021	2:54 PM	1.0 min	69	86.8	75.3	62.6	7943282	

3/8/2021	2:55 PM	1.0 min	75.6	93.4	88.1	59.3	36307805	
3/8/2021	2:56 PM	1.0 min	68.7	86.5	75.1	61.3	7413102	
3/8/2021	2:57 PM	1.0 min	67.8	85.6	72.2	60.8	6025596	
3/8/2021	2:58 PM	1.0 min	69	86.8	73.3	61.8	7943282	
3/8/2021	2:59 PM	1.0 min	69.4	87.2	74.3	61.8	8709636	
3/8/2021	3:00 PM	1.0 min	66.7	84.5	74.9	61.1	4677351	71.9
3/8/2021	3:01 PM	1.0 min	67.7	85.5	76.5	61.4	5888437	
3/8/2021	3:02 PM	1.0 min	67.7	85.5	71.3	62.9	5888437	
3/8/2021	3:03 PM	1.0 min	69.7	87.5	79.5	62.2	9332543	
3/8/2021	3:04 PM	1.0 min	68.9	86.7	76.7	61.6	7762471	
3/8/2021	3:05 PM	1.0 min	69.1	86.9	74.1	61.3	8128305	
3/8/2021	3:06 PM	1.0 min	66.7	84.5	71.5	61	4677351	
3/8/2021	3:07 PM	1.0 min	69.2	87	75.2	60.6	8317638	
3/8/2021	3:08 PM	1.0 min	69.8	87.6	77.6	57.9	9549926	
3/8/2021	3:09 PM	1.0 min	72.2	90	80.4	62.5	16595869	
3/8/2021	3:10 PM	1.0 min	68	85.8	73.2	62.6	6309573	
3/8/2021	3:11 PM	1.0 min	67	84.8	73	60.9	5011872	
3/8/2021	3:12 PM	1.0 min	69	86.8	73.7	61.8	7943282	
3/8/2021	3:13 PM	1.0 min	67.1	84.9	72.4	60.7	5128614	
3/8/2021	3:14 PM	1.0 min	68.7	86.5	74.7	62.3	7413102	
3/8/2021	3:15 PM	1.0 min	66.5	84.3	75.3	61.6	4466836	
3/8/2021	3:16 PM	1.0 min	68.2	86	74.4	60.7	6606934	
3/8/2021	3:17 PM	1.0 min	67.8	85.6	72.6	61.4	6025596	
3/8/2021	3:18 PM	1.0 min	66.9	84.7	70.8	61.8	4897788	
3/8/2021	3:19 PM	1.0 min	69.8	87.6	74.2	63.1	9549926	
3/8/2021	3:20 PM	1.0 min	66	83.8	73.3	60.5	3981072	
3/8/2021	3:21 PM	1.0 min	72.3	90.1	82.2	60.9	16982437	
3/8/2021	3:22 PM	1.0 min	68.2	86	79	61.8	6606934	
3/8/2021	3:23 PM	1.0 min	70.4	88.2	75.6	60.9	10964782	
3/8/2021	3:24 PM	1.0 min	65.5	83.3	72.1	58.2	3548134	
3/8/2021	3:25 PM	1.0 min	66	83.8	68.7	60.6	3981072	
3/8/2021	3:26 PM	1.0 min	69.5	87.3	73.5	60.8	8912509	
3/8/2021	3:27 PM	1.0 min	66.2	84	71.9	59.5	4168694	
3/8/2021	3:28 PM	1.0 min	75.2	93	83.5	63.9	33113112	
3/8/2021	3:29 PM	1.0 min	68.4	86.2	72.3	63.4	6918310	
3/8/2021	3:30 PM	1.0 min	69.5	87.3	74.6	58.2	8912509	
3/8/2021	3:31 PM	1.0 min	65.5	83.3	69.8	60.5	3548134	
3/8/2021	3:32 PM	1.0 min	68.2	86	72.2	60.3	6606934	
3/8/2021	3:33 PM	1.0 min	71.8	89.6	78.7	61.4	15135612	
3/8/2021	3:34 PM	1.0 min	74.9	92.7	83.7	60	30902954	
3/8/2021	3:35 PM	1.0 min	67.8	85.6	72.1	63.1	6025596	
3/8/2021	3:36 PM	1.0 min	66.6	84.4	70.6	61.6	4570882	
3/8/2021	3:37 PM	1.0 min	68.5	86.3	73	60.8	7079458	
3/8/2021	3:38 PM	1.0 min	65.4	83.2	73.2	60.5	3467369	
3/8/2021	3:39 PM	1.0 min	79.1	96.9	94	57.8	81283052	
3/8/2021	3:40 PM	1.0 min	65.3	83.1	71.3	58.2	3388442	
3/8/2021	3:41 PM	1.0 min	68	85.8	70.8	61.2	6309573	
3/8/2021	3:42 PM	1.0 min	68.7	86.5	73.3	63.5	7413102	
3/8/2021	3:43 PM	1.0 min	67.2	85	74.7	61.9	5248075	
3/8/2021	3:44 PM	1.0 min	82.6	100.4	96.5	62.9	1.82E+08	
3/8/2021	3:45 PM	1.0 min	72.1	89.9	78.8	64.7	16218101	
3/8/2021	3:46 PM	1.0 min	69.4	87.2	76.9	62.8	8709636	
3/8/2021	3:47 PM	1.0 min	68.6	86.4	73.9	60.4	7244360	
3/8/2021	3:48 PM	1.0 min	65.4	83.2	71.8	59.7	3467369	
3/8/2021	3:49 PM	1.0 min	70.5	88.3	79.1	61.6	11220185	
3/8/2021	3:50 PM	1.0 min	66.1	83.9	69.5	61.4	4073803	
3/8/2021	3:51 PM	1.0 min	69.8	87.6	82.8	59.1	9549926	
3/8/2021	3:52 PM	1.0 min	69.3	87.1	73.7	58.3	8511380	
3/8/2021	3:53 PM	1.0 min	65.3	83.1	69.8	58.9	3388442	

3/8/2021	3:54 PM	1.0 min	66.8	84.6	70.5	62.5	4786301
3/8/2021	3:55 PM	1.0 min	66	83.8	70.4	60.9	3981072
3/8/2021	3:56 PM	1.0 min	70.3	88.1	75	59.3	10715193
3/8/2021	3:57 PM	1.0 min	67.4	85.2	72.7	60.3	5495409
3/8/2021	3:58 PM	1.0 min	72.9	90.7	84.3	57.9	19498446
3/8/2021	3:59 PM	1.0 min	82.8	100.6	94.8	67.4	1.91E+08
3/8/2021	4:00 PM	1.0 min	74.7	92.5	85.5	64.5	29512092
3/8/2021	4:01 PM	1.0 min	70.7	88.5	82.6	61.5	11748976
3/8/2021	4:02 PM	1.0 min	69.4	87.2	75.4	61.3	8709636
3/8/2021	4:03 PM	1.0 min	81.5	99.3	93.9	64.7	1.41E+08
3/8/2021	4:04 PM	1.0 min	73.1	90.9	82.1	64.3	20417379
3/8/2021	4:05 PM	1.0 min	70.3	88.1	76.3	64.5	10715193
3/8/2021	4:06 PM	1.0 min	68.3	86.1	74.2	63.1	6760830
3/8/2021	4:07 PM	1.0 min	69.6	87.4	75.1	63.2	9120108
3/8/2021	4:08 PM	1.0 min	68.7	86.5	73.2	64.1	7413102
3/8/2021	4:09 PM	1.0 min	69.3	87.1	77.6	61.1	8511380
3/8/2021	4:10 PM	1.0 min	67.6	85.4	71.5	61.9	5754399
3/8/2021	4:11 PM	1.0 min	67.7	85.5	73.8	61	5888437
3/8/2021	4:12 PM	1.0 min	68.2	86	71.4	60.3	6606934
3/8/2021	4:13 PM	1.0 min	68.6	86.4	75.3	63.3	7244360
3/8/2021	4:14 PM	1.0 min	75.7	93.5	81.2	66.5	37153523
3/8/2021	4:15 PM	1.0 min	69.9	87.7	74.6	64.9	9772372
3/8/2021	4:16 PM	1.0 min	64.9	82.7	70.4	60.6	3090295
3/8/2021	4:17 PM	1.0 min	71.4	89.2	78.4	62.2	13803843
3/8/2021	4:18 PM	1.0 min	66.6	84.4	72.2	61.4	4570882
3/8/2021	4:19 PM	1.0 min	68.3	86.1	72.7	62.8	6760830
3/8/2021	4:20 PM	1.0 min	68.6	86.4	74.1	62.2	7244360
3/8/2021	4:21 PM	1.0 min	67.7	85.5	72.9	61.3	5888437
3/8/2021	4:22 PM	1.0 min	68.8	86.6	74.9	61.9	7585776
3/8/2021	4:23 PM	1.0 min	70.2	88	78.2	62.9	10471285
3/8/2021	4:24 PM	1.0 min	70.1	87.9	74.7	62.9	10232930
3/8/2021	4:25 PM	1.0 min	68.3	86.1	75.4	61.7	6760830
3/8/2021	4:26 PM	1.0 min	64.6	82.4	69.9	61	2884032
3/8/2021	4:27 PM	1.0 min	69.5	87.3	76.5	62.8	8912509
3/8/2021	4:28 PM	1.0 min	68.2	86	72.7	64	6606934
3/8/2021	4:29 PM	1.0 min	68.8	86.6	74.5	63.4	7585776
3/8/2021	4:30 PM	1.0 min	69.4	87.2	74	62.3	8709636
3/8/2021	4:31 PM	1.0 min	64.4	82.2	68.4	61.4	2754229
3/8/2021	4:32 PM	1.0 min	71.5	89.3	78.6	64.8	14125375
3/8/2021	4:33 PM	1.0 min	71	88.8	79.8	64.8	12589254
3/8/2021	4:34 PM	1.0 min	69.9	87.7	75.3	63.1	9772372
3/8/2021	4:35 PM	1.0 min	66.4	84.2	70.1	63.2	4365158
3/8/2021	4:36 PM	1.0 min	66.1	83.9	70.8	60.1	4073803
3/8/2021	4:37 PM	1.0 min	68.8	86.6	72.8	62	7585776
3/8/2021	4:38 PM	1.0 min	67.4	85.2	75	61.9	5495409
3/8/2021	4:39 PM	1.0 min	70	87.8	75.4	60	10000000
3/8/2021	4:40 PM	1.0 min	71.7	89.5	82.7	59.9	14791084
3/8/2021	4:41 PM	1.0 min	68.5	86.3	73.2	60.3	7079458
3/8/2021	4:42 PM	1.0 min	65.7	83.5	71.2	61.1	3715352
3/8/2021	4:43 PM	1.0 min	70.8	88.6	80.2	63.8	12022644
3/8/2021	4:44 PM	1.0 min	67.4	85.2	73	57	5495409
3/8/2021	4:45 PM	1.0 min	73.9	91.7	85.4	61.8	24547089
3/8/2021	4:46 PM	1.0 min	68.2	86	73.6	59.5	6606934
3/8/2021	4:47 PM	1.0 min	68.1	85.9	73.2	61.3	6456542
3/8/2021	4:48 PM	1.0 min	67.6	85.4	71.8	63.1	5754399
3/8/2021	4:49 PM	1.0 min	70.2	88	75.3	64.2	10471285
3/8/2021	4:50 PM	1.0 min	70.6	88.4	76.2	64.9	11481536
3/8/2021	4:51 PM	1.0 min	71.1	88.9	81	63.4	12882496
3/8/2021	4:52 PM	1.0 min	69.4	87.2	76.2	61.9	8709636

71.2



3/8/2021	4:53 PM	1.0 min	67.8	85.6	76.9	60.2	6025596	
3/8/2021	4:54 PM	1.0 min	76.2	94	90.9	64.2	41686938	
3/8/2021	4:55 PM	1.0 min	69.8	87.6	86.3	62.7	9549926	
3/8/2021	4:56 PM	1.0 min	71.8	89.6	78.3	64.9	15135612	
3/8/2021	4:57 PM	1.0 min	70.8	88.6	76	65	12022644	
3/8/2021	4:58 PM	1.0 min	77.6	95.4	87.3	64.2	57543994	
3/8/2021	4:59 PM	1.0 min	68.4	86.2	73.2	60.4	6918310	
3/8/2021	5:00 PM	1.0 min	68.5	86.3	74.3	61.8	7079458	71.5
3/8/2021	5:01 PM	1.0 min	72.7	90.5	79.5	67.3	18620871	
3/8/2021	5:02 PM	1.0 min	82.8	100.6	95.6	61.3	1.91E+08	
3/8/2021	5:03 PM	1.0 min	66.7	84.5	72.1	62.1	4677351	
3/8/2021	5:04 PM	1.0 min	70.4	88.2	74.3	61.4	10964782	
3/8/2021	5:05 PM	1.0 min	66.8	84.6	72.3	62.4	4786301	
3/8/2021	5:06 PM	1.0 min	69.9	87.7	77.9	60	9772372	
3/8/2021	5:07 PM	1.0 min	66.4	84.2	70.6	62.5	4365158	
3/8/2021	5:08 PM	1.0 min	67.9	85.7	70.5	63.4	6165950	
3/8/2021	5:09 PM	1.0 min	70	87.8	76.3	60.4	10000000	
3/8/2021	5:10 PM	1.0 min	66.8	84.6	72.5	58.5	4786301	
3/8/2021	5:11 PM	1.0 min	67.1	84.9	70.2	61.2	5128614	
3/8/2021	5:12 PM	1.0 min	66.3	84.1	70.6	60.7	4265795	
3/8/2021	5:13 PM	1.0 min	72.1	89.9	77.4	62.8	16218101	
3/8/2021	5:14 PM	1.0 min	66.3	84.1	73.2	61	4265795	
3/8/2021	5:15 PM	1.0 min	68.2	86	72.8	62.3	6606934	
3/8/2021	5:16 PM	1.0 min	69.6	87.4	76.9	62.5	9120108	
3/8/2021	5:17 PM	1.0 min	67.3	85.1	71.8	60.4	5370318	
3/8/2021	5:18 PM	1.0 min	72	89.8	80.3	59.7	15848932	
3/8/2021	5:19 PM	1.0 min	68.3	86.1	72.6	63.6	6760830	
3/8/2021	5:20 PM	1.0 min	71.4	89.2	75.5	64.9	13803843	
3/8/2021	5:21 PM	1.0 min	66.9	84.7	69.7	63.2	4897788	
3/8/2021	5:22 PM	1.0 min	77.7	95.5	88.2	69.4	58884366	
3/8/2021	5:23 PM	1.0 min	72.3	90.1	76.8	67	16982437	
3/8/2021	5:24 PM	1.0 min	69.1	86.9	74.9	60.3	8128305	
3/8/2021	5:25 PM	1.0 min	69.2	87	74.2	60.3	8317638	
3/8/2021	5:26 PM	1.0 min	67.4	85.2	72	62.1	5495409	
3/8/2021	5:27 PM	1.0 min	70.9	88.7	78.9	62.7	12302688	
3/8/2021	5:28 PM	1.0 min	71	88.8	79.9	60.4	12589254	
3/8/2021	5:29 PM	1.0 min	69	86.8	72.3	62.2	7943282	
3/8/2021	5:30 PM	1.0 min	68.6	86.4	73.4	60.8	7244360	
3/8/2021	5:31 PM	1.0 min	69.5	87.3	75.4	60.9	8912509	
3/8/2021	5:32 PM	1.0 min	72.3	90.1	79.1	61.6	16982437	
3/8/2021	5:33 PM	1.0 min	65.6	83.4	72.2	60.9	3630781	
3/8/2021	5:34 PM	1.0 min	67.6	85.4	73.6	62.5	5754399	
3/8/2021	5:35 PM	1.0 min	71.5	89.3	80.9	65.1	14125375	
3/8/2021	5:36 PM	1.0 min	70.4	88.2	79.2	62.4	10964782	
3/8/2021	5:37 PM	1.0 min	68.1	85.9	72.4	62.8	6456542	
3/8/2021	5:38 PM	1.0 min	67.8	85.6	72.3	62	6025596	
3/8/2021	5:39 PM	1.0 min	71.4	89.2	80	62.3	13803843	
3/8/2021	5:40 PM	1.0 min	67.6	85.4	74.1	61.6	5754399	
3/8/2021	5:41 PM	1.0 min	70.1	87.9	75.6	62.9	10232930	
3/8/2021	5:42 PM	1.0 min	72.1	89.9	78.3	64.6	16218101	
3/8/2021	5:43 PM	1.0 min	67.5	85.3	74.5	62.8	5623413	
3/8/2021	5:44 PM	1.0 min	70	87.8	74.9	62	10000000	
3/8/2021	5:45 PM	1.0 min	70.5	88.3	75.7	61	11220185	
3/8/2021	5:46 PM	1.0 min	66.2	84	71.1	62.6	4168694	
3/8/2021	5:47 PM	1.0 min	70.5	88.3	74.3	63.7	11220185	
3/8/2021	5:48 PM	1.0 min	69.1	86.9	75.3	63.6	8128305	
3/8/2021	5:49 PM	1.0 min	69.1	86.9	74	62.8	8128305	
3/8/2021	5:50 PM	1.0 min	69.9	87.7	73.2	64.1	9772372	
3/8/2021	5:51 PM	1.0 min	66.7	84.5	72.5	62.4	4677351	

3/8/2021	5:52 PM	1.0 min	69	86.8	73.2	59.1	7943282
3/8/2021	5:53 PM	1.0 min	66	83.8	70.9	59.6	3981072
3/8/2021	5:54 PM	1.0 min	74	91.8	85.7	62.8	25118864
3/8/2021	5:55 PM	1.0 min	70.6	88.4	75.1	62.1	11481536
3/8/2021	5:56 PM	1.0 min	73.8	91.6	81.6	64.5	23988329
3/8/2021	5:57 PM	1.0 min	78.1	95.9	86.8	65.6	64565423
3/8/2021	5:58 PM	1.0 min	66.7	84.5	71.7	60.5	4677351
3/8/2021	5:59 PM	1.0 min	70.5	88.3	75.4	64.9	11220185
3/8/2021	6:00 PM	1.0 min	66.5	84.3	73	62	4466836
3/8/2021	6:01 PM	1.0 min	70.7	88.5	78.2	60.7	11748976
3/8/2021	6:02 PM	1.0 min	68	85.8	70.4	64.6	6309573
3/8/2021	6:03 PM	1.0 min	70.4	88.2	77.6	60.2	10964782
3/8/2021	6:04 PM	1.0 min	70.3	88.1	76.3	64	10715193
3/8/2021	6:05 PM	1.0 min	70	87.8	76.3	63.5	10000000
3/8/2021	6:06 PM	1.0 min	71.5	89.3	78.6	62	14125375
3/8/2021	6:07 PM	1.0 min	67.6	85.4	72.8	61.6	5754399
3/8/2021	6:08 PM	1.0 min	67.7	85.5	71.1	60	5888437
3/8/2021	6:09 PM	1.0 min	68.4	86.2	74	64.5	6918310
3/8/2021	6:10 PM	1.0 min	67.4	85.2	70.7	62.4	5495409
3/8/2021	6:11 PM	1.0 min	68.1	85.9	75.2	60.4	6456542
3/8/2021	6:12 PM	1.0 min	69.6	87.4	74.1	62.9	9120108
3/8/2021	6:13 PM	1.0 min	71.3	89.1	75.2	66.7	13489629
3/8/2021	6:14 PM	1.0 min	74.2	92	84.3	66	26302680
3/8/2021	6:15 PM	1.0 min	67.4	85.2	70.8	59.8	5495409
3/8/2021	6:16 PM	1.0 min	66.3	84.1	69.2	60.2	4265795
3/8/2021	6:17 PM	1.0 min	66.8	84.6	72.9	55.6	4786301
3/8/2021	6:18 PM	1.0 min	68	85.8	72.4	58.9	6309573
3/8/2021	6:19 PM	1.0 min	64.8	82.6	71	57.6	3019952
3/8/2021	6:20 PM	1.0 min	69.7	87.5	75.1	61.4	9332543
3/8/2021	6:21 PM	1.0 min	75.9	93.7	88.9	63.5	38904514
3/8/2021	6:22 PM	1.0 min	66.6	84.4	88.1	62.5	4570882
3/8/2021	6:23 PM	1.0 min	68.1	85.9	71.5	54.4	6456542
3/8/2021	6:24 PM	1.0 min	67.8	85.6	72.6	61.5	6025596
3/8/2021	6:25 PM	1.0 min	66.6	84.4	73.3	58.8	4570882
3/8/2021	6:26 PM	1.0 min	69.7	87.5	75.4	64	9332543
3/8/2021	6:27 PM	1.0 min	66.7	84.5	72	61.4	4677351
3/8/2021	6:28 PM	1.0 min	68.5	86.3	73.7	58.8	7079458
3/8/2021	6:29 PM	1.0 min	67.2	85	73.2	60.1	5248075
3/8/2021	6:30 PM	1.0 min	68.4	86.2	76.1	59.7	6918310
3/8/2021	6:31 PM	1.0 min	69.7	87.5	73.2	60.3	9332543
3/8/2021	6:32 PM	1.0 min	67.5	85.3	73.3	60.3	5623413
3/8/2021	6:33 PM	1.0 min	65.7	83.5	71.2	62	3715352
3/8/2021	6:34 PM	1.0 min	69	86.8	72	62.2	7943282
3/8/2021	6:35 PM	1.0 min	70.1	87.9	76.1	62.1	10232930
3/8/2021	6:36 PM	1.0 min	67.8	85.6	72.2	60.5	6025596
3/8/2021	6:37 PM	1.0 min	66.9	84.7	70.3	61	4897788
3/8/2021	6:38 PM	1.0 min	71.7	89.5	78.7	62.9	14791084
3/8/2021	6:39 PM	1.0 min	72.3	90.1	79.7	65.1	16982437
3/8/2021	6:40 PM	1.0 min	67.8	85.6	74	60.8	6025596
3/8/2021	6:41 PM	1.0 min	69.7	87.5	74.6	63.3	9332543
3/8/2021	6:42 PM	1.0 min	71	88.8	75.7	59.5	12589254
3/8/2021	6:43 PM	1.0 min	68.8	86.6	73	62.6	7585776
3/8/2021	6:44 PM	1.0 min	66.4	84.2	72.2	61.3	4365158
3/8/2021	6:45 PM	1.0 min	69.5	87.3	77.4	56.5	8912509
3/8/2021	6:46 PM	1.0 min	69.1	86.9	76.2	61.6	8128305
3/8/2021	6:47 PM	1.0 min	67.1	84.9	72.6	57.3	5128614
3/8/2021	6:48 PM	1.0 min	70.7	88.5	79.5	59.8	11748976
3/8/2021	6:49 PM	1.0 min	66.2	84	70	60.4	4168694
3/8/2021	6:50 PM	1.0 min	68.6	86.4	76.4	59.7	7244360

69.2

3/8/2021	6:51 PM	1.0 min	69.3	87.1	76.6	63.5	8511380	
3/8/2021	6:52 PM	1.0 min	67.5	85.3	74.6	62.3	5623413	
3/8/2021	6:53 PM	1.0 min	66.3	84.1	68.5	62.2	4265795	
3/8/2021	6:54 PM	1.0 min	68.2	86	73.9	59.2	6606934	
3/8/2021	6:55 PM	1.0 min	66.7	84.5	74.4	61.4	4677351	
3/8/2021	6:56 PM	1.0 min	68.8	86.6	76.6	60.1	7585776	
3/8/2021	6:57 PM	1.0 min	68.8	86.6	75.3	62.3	7585776	
3/8/2021	6:58 PM	1.0 min	67.4	85.2	72.8	60.7	5495409	
3/8/2021	6:59 PM	1.0 min	69.8	87.6	74.9	62	9549926	
3/8/2021	7:00 PM	1.0 min	69	86.8	74	62	7943282	72.2
3/8/2021	7:01 PM	1.0 min	66	83.8	71.1	61.7	3981072	
3/8/2021	7:02 PM	1.0 min	83.3	101.1	93.7	62.1	2.14E+08	
3/8/2021	7:03 PM	1.0 min	66.9	84.7	72.2	59.3	4897788	
3/8/2021	7:04 PM	1.0 min	66.9	84.7	71.8	54.2	4897788	
3/8/2021	7:05 PM	1.0 min	67.4	85.2	73.2	60.4	5495409	
3/8/2021	7:06 PM	1.0 min	68.9	86.7	76.1	58.8	7762471	
3/8/2021	7:07 PM	1.0 min	68.4	86.2	75.9	61.1	6918310	
3/8/2021	7:08 PM	1.0 min	67.2	85	70.3	60.6	5248075	
3/8/2021	7:09 PM	1.0 min	69.7	87.5	75	61.2	9332543	
3/8/2021	7:10 PM	1.0 min	69	86.8	74.2	61.1	7943282	
3/8/2021	7:11 PM	1.0 min	76.1	93.9	88.3	62.9	40738028	
3/8/2021	7:12 PM	1.0 min	68.6	86.4	72.4	60.1	7244360	
3/8/2021	7:13 PM	1.0 min	67	84.8	72.7	63.6	5011872	
3/8/2021	7:14 PM	1.0 min	69.3	87.1	74.2	61.1	8511380	
3/8/2021	7:15 PM	1.0 min	71.7	89.5	79.1	60.4	14791084	
3/8/2021	7:16 PM	1.0 min	72	89.8	84.4	60.7	15848932	
3/8/2021	7:17 PM	1.0 min	68	85.8	72.2	60.9	6309573	
3/8/2021	7:18 PM	1.0 min	68.2	86	72.9	62.5	6606934	
3/8/2021	7:19 PM	1.0 min	66.1	83.9	70.3	57	4073803	
3/8/2021	7:20 PM	1.0 min	66.9	84.7	72.6	60.4	4897788	
3/8/2021	7:21 PM	1.0 min	66.5	84.3	70.2	60.4	4466836	
3/8/2021	7:22 PM	1.0 min	68	85.8	72.9	56.1	6309573	
3/8/2021	7:23 PM	1.0 min	66.1	83.9	70.1	55.2	4073803	
3/8/2021	7:24 PM	1.0 min	68.2	86	75.9	58.9	6606934	
3/8/2021	7:25 PM	1.0 min	66.9	84.7	72	61.9	4897788	
3/8/2021	7:26 PM	1.0 min	64.9	82.7	69.3	58.6	3090295	
3/8/2021	7:27 PM	1.0 min	77.1	94.9	91	64.9	51286138	
3/8/2021	7:28 PM	1.0 min	69.9	87.7	74.7	59.7	9772372	
3/8/2021	7:29 PM	1.0 min	66	83.8	71.3	59.6	3981072	
3/8/2021	7:30 PM	1.0 min	68.4	86.2	75.9	59.8	6918310	
3/8/2021	7:31 PM	1.0 min	68.6	86.4	76.1	62.1	7244360	
3/8/2021	7:32 PM	1.0 min	67.5	85.3	74.5	57.6	5623413	
3/8/2021	7:33 PM	1.0 min	71.4	89.2	76.7	59.7	13803843	
3/8/2021	7:34 PM	1.0 min	69	86.8	79.4	60.7	7943282	
3/8/2021	7:35 PM	1.0 min	66.9	84.7	71.7	61.1	4897788	
3/8/2021	7:36 PM	1.0 min	69.9	87.7	76.2	57.5	9772372	
3/8/2021	7:37 PM	1.0 min	67.3	85.1	73.3	58.3	5370318	
3/8/2021	7:38 PM	1.0 min	70.9	88.7	79.9	55.8	12302688	
3/8/2021	7:39 PM	1.0 min	68.6	86.4	73.7	59.3	7244360	
3/8/2021	7:40 PM	1.0 min	67.9	85.7	73.4	62.5	6165950	
3/8/2021	7:41 PM	1.0 min	67.6	85.4	73	59.5	5754399	
3/8/2021	7:42 PM	1.0 min	68	85.8	71.8	62.9	6309573	
3/8/2021	7:43 PM	1.0 min	65.8	83.6	71.2	55.4	3801894	
3/8/2021	7:44 PM	1.0 min	68.8	86.6	72.1	62.4	7585776	
3/8/2021	7:45 PM	1.0 min	68.7	86.5	73.9	58.7	7413102	
3/8/2021	7:46 PM	1.0 min	70.7	88.5	81.2	62.5	11748976	
3/8/2021	7:47 PM	1.0 min	75.1	92.9	84.5	63.9	32359366	
3/8/2021	7:48 PM	1.0 min	71.5	89.3	82.3	61.7	14125375	
3/8/2021	7:49 PM	1.0 min	68.6	86.4	73.5	61.3	7244360	

3/8/2021	7:50 PM	1.0 min	66.8	84.6	73.3	56.1	4786301	
3/8/2021	7:51 PM	1.0 min	67.4	85.2	72.8	56.7	5495409	
3/8/2021	7:52 PM	1.0 min	67	84.8	71.5	57.2	5011872	
3/8/2021	7:53 PM	1.0 min	68.3	86.1	73.8	60.9	6760830	
3/8/2021	7:54 PM	1.0 min	65.7	83.5	71.5	60.1	3715352	
3/8/2021	7:55 PM	1.0 min	68.1	85.9	73.4	61.9	6456542	
3/8/2021	7:56 PM	1.0 min	68.8	86.6	76.9	60.5	7585776	
3/8/2021	7:57 PM	1.0 min	68.7	86.5	72.5	62	7413102	
3/8/2021	7:58 PM	1.0 min	83.8	101.6	94.8	58	2.4E+08	
3/8/2021	7:59 PM	1.0 min	74.4	92.2	85.1	60.2	27542287	
3/8/2021	8:00 PM	1.0 min	70.4	88.2	78.8	58.3	10964782	71.2
3/8/2021	8:01 PM	1.0 min	66.6	84.4	72.6	54.7	4570882	
3/8/2021	8:02 PM	1.0 min	69.3	87.1	76.7	59.6	8511380	
3/8/2021	8:03 PM	1.0 min	68.2	86	72.8	60.8	6606934	
3/8/2021	8:04 PM	1.0 min	66.7	84.5	72.2	60.3	4677351	
3/8/2021	8:05 PM	1.0 min	68.6	86.4	74.4	58.5	7244360	
3/8/2021	8:06 PM	1.0 min	66.7	84.5	72.5	56.9	4677351	
3/8/2021	8:07 PM	1.0 min	67.6	85.4	73	55.4	5754399	
3/8/2021	8:08 PM	1.0 min	73.6	91.4	85.3	57.7	22908677	
3/8/2021	8:09 PM	1.0 min	67.2	85	73.4	58.2	5248075	
3/8/2021	8:10 PM	1.0 min	67.8	85.6	74.9	57.2	6025596	
3/8/2021	8:11 PM	1.0 min	66.4	84.2	71.9	61	4365158	
3/8/2021	8:12 PM	1.0 min	68.6	86.4	74.7	59.2	7244360	
3/8/2021	8:13 PM	1.0 min	67.8	85.6	75.9	56.4	6025596	
3/8/2021	8:14 PM	1.0 min	83.6	101.4	96.7	60.1	2.29E+08	
3/8/2021	8:15 PM	1.0 min	68.7	86.5	76.4	61.5	7413102	
3/8/2021	8:16 PM	1.0 min	68	85.8	73.2	58.7	6309573	
3/8/2021	8:17 PM	1.0 min	66.1	83.9	71.7	58.6	4073803	
3/8/2021	8:18 PM	1.0 min	66.2	84	75.4	56.6	4168694	
3/8/2021	8:19 PM	1.0 min	67.8	85.6	74.2	58.6	6025596	
3/8/2021	8:20 PM	1.0 min	65.3	83.1	70.3	56.7	3388442	
3/8/2021	8:21 PM	1.0 min	67	84.8	73.2	57.5	5011872	
3/8/2021	8:22 PM	1.0 min	68.1	85.9	72.2	59.9	6456542	
3/8/2021	8:23 PM	1.0 min	68.2	86	74.9	54.4	6606934	
3/8/2021	8:24 PM	1.0 min	68	85.8	73.4	59.4	6309573	
3/8/2021	8:25 PM	1.0 min	69.8	87.6	77	60.2	9549926	
3/8/2021	8:26 PM	1.0 min	70.6	88.4	75.2	61.5	11481536	
3/8/2021	8:27 PM	1.0 min	67.8	85.6	73.9	60.8	6025596	
3/8/2021	8:28 PM	1.0 min	68.2	86	75.6	58.3	6606934	
3/8/2021	8:29 PM	1.0 min	68	85.8	73	58.9	6309573	
3/8/2021	8:30 PM	1.0 min	68.5	86.3	75.1	57.3	7079458	
3/8/2021	8:31 PM	1.0 min	68.6	86.4	74.5	56	7244360	
3/8/2021	8:32 PM	1.0 min	67.6	85.4	72.3	55.8	5754399	
3/8/2021	8:33 PM	1.0 min	68.9	86.7	79.5	58.2	7762471	
3/8/2021	8:34 PM	1.0 min	69.4	87.2	75.1	60.5	8709636	
3/8/2021	8:35 PM	1.0 min	66.6	84.4	72.4	55.6	4570882	
3/8/2021	8:36 PM	1.0 min	66.8	84.6	73.2	58.6	4786301	
3/8/2021	8:37 PM	1.0 min	68.9	86.7	75.8	57.6	7762471	
3/8/2021	8:38 PM	1.0 min	66.3	84.1	70.1	56.5	4265795	
3/8/2021	8:39 PM	1.0 min	68.6	86.4	76.7	56.1	7244360	
3/8/2021	8:40 PM	1.0 min	67.5	85.3	71.4	57	5623413	
3/8/2021	8:41 PM	1.0 min	66.5	84.3	73.6	53.7	4466836	
3/8/2021	8:42 PM	1.0 min	67.3	85.1	73.2	53.6	5370318	
3/8/2021	8:43 PM	1.0 min	66.3	84.1	74	54.4	4265795	
3/8/2021	8:44 PM	1.0 min	68.8	86.6	74.8	59.2	7585776	
3/8/2021	8:45 PM	1.0 min	70.2	88	78.4	59.5	10471285	
3/8/2021	8:46 PM	1.0 min	65.6	83.4	69.6	59.6	3630781	
3/8/2021	8:47 PM	1.0 min	66.2	84	72	58.1	4168694	
3/8/2021	8:48 PM	1.0 min	66.4	84.2	70.7	56.2	4365158	

3/8/2021	8:49 PM	1.0 min	67.9	85.7	73	58.2	6165950	
3/8/2021	8:50 PM	1.0 min	65.1	82.9	69	59.7	3235937	
3/8/2021	8:51 PM	1.0 min	68.2	86	74.2	60.2	6606934	
3/8/2021	8:52 PM	1.0 min	70.1	87.9	76.6	60.2	10232930	
3/8/2021	8:53 PM	1.0 min	68.2	86	77.5	58.8	6606934	
3/8/2021	8:54 PM	1.0 min	67.3	85.1	72.9	58.9	5370318	
3/8/2021	8:55 PM	1.0 min	66.4	84.2	72.5	61.4	4365158	
3/8/2021	8:56 PM	1.0 min	68.2	86	72.6	58.3	6606934	
3/8/2021	8:57 PM	1.0 min	77.5	95.3	86.8	61.3	56234133	
3/8/2021	8:58 PM	1.0 min	81.1	98.9	92.1	58.4	1.29E+08	
3/8/2021	8:59 PM	1.0 min	65.9	83.7	69.9	57.4	3890451	
3/8/2021	9:00 PM	1.0 min	67.6	85.4	73.8	58.8	5754399	67.6
3/8/2021	9:01 PM	1.0 min	65.5	83.3	72.9	52.4	3548134	
3/8/2021	9:02 PM	1.0 min	67.3	85.1	73.2	58	5370318	
3/8/2021	9:03 PM	1.0 min	68.7	86.5	72.7	61	7413102	
3/8/2021	9:04 PM	1.0 min	69.8	87.6	73.4	61.6	9549926	
3/8/2021	9:05 PM	1.0 min	68.6	86.4	73.7	60	7244360	
3/8/2021	9:06 PM	1.0 min	65.9	83.7	72.4	60.1	3890451	
3/8/2021	9:07 PM	1.0 min	67	84.8	69.5	60.9	5011872	
3/8/2021	9:08 PM	1.0 min	63.8	81.6	71	51.9	2398833	
3/8/2021	9:09 PM	1.0 min	65.8	83.6	72	57.5	3801894	
3/8/2021	9:10 PM	1.0 min	68.4	86.2	73	54.2	6918310	
3/8/2021	9:11 PM	1.0 min	67.9	85.7	75.6	58.2	6165950	
3/8/2021	9:12 PM	1.0 min	66	83.8	72.1	58.5	3981072	
3/8/2021	9:13 PM	1.0 min	68.3	86.1	75.9	59.2	6760830	
3/8/2021	9:14 PM	1.0 min	68.2	86	77.9	57.8	6606934	
3/8/2021	9:15 PM	1.0 min	69.2	87	74.5	59.9	8317638	
3/8/2021	9:16 PM	1.0 min	65.5	83.3	72.1	58.8	3548134	
3/8/2021	9:17 PM	1.0 min	67	84.8	74.8	56.3	5011872	
3/8/2021	9:18 PM	1.0 min	67.5	85.3	74.5	57	5623413	
3/8/2021	9:19 PM	1.0 min	69.9	87.7	79.6	54.7	9772372	
3/8/2021	9:20 PM	1.0 min	67.6	85.4	73	59.8	5754399	
3/8/2021	9:21 PM	1.0 min	67	84.8	73.9	58	5011872	
3/8/2021	9:22 PM	1.0 min	70.7	88.5	79.2	60.2	11748976	
3/8/2021	9:23 PM	1.0 min	68.3	86.1	73.9	58.4	6760830	
3/8/2021	9:24 PM	1.0 min	64.6	82.4	72.6	58.1	2884032	
3/8/2021	9:25 PM	1.0 min	67	84.8	71.2	54	5011872	
3/8/2021	9:26 PM	1.0 min	68.7	86.5	74.6	57.3	7413102	
3/8/2021	9:27 PM	1.0 min	67.4	85.2	75.6	55.6	5495409	
3/8/2021	9:28 PM	1.0 min	66.6	84.4	70.5	57	4570882	
3/8/2021	9:29 PM	1.0 min	66.9	84.7	70.6	59.7	4897788	
3/8/2021	9:30 PM	1.0 min	67.2	85	73.3	58.5	5248075	
3/8/2021	9:31 PM	1.0 min	73.1	90.9	81.7	62.5	20417379	
3/8/2021	9:32 PM	1.0 min	71.9	89.7	80.9	60.4	15488166	
3/8/2021	9:33 PM	1.0 min	66	83.8	74.1	55.2	3981072	
3/8/2021	9:34 PM	1.0 min	67.7	85.5	72.4	56.7	5888437	
3/8/2021	9:35 PM	1.0 min	66.5	84.3	71.8	57	4466836	
3/8/2021	9:36 PM	1.0 min	67.6	85.4	73.6	56.1	5754399	
3/8/2021	9:37 PM	1.0 min	66.5	84.3	70.5	59.5	4466836	
3/8/2021	9:38 PM	1.0 min	65.5	83.3	72.1	58.5	3548134	
3/8/2021	9:39 PM	1.0 min	67.3	85.1	71.5	62.4	5370318	
3/8/2021	9:40 PM	1.0 min	67	84.8	73.5	57.2	5011872	
3/8/2021	9:41 PM	1.0 min	64.4	82.2	69.4	57.2	2754229	
3/8/2021	9:42 PM	1.0 min	66.4	84.2	72.4	56.8	4365158	
3/8/2021	9:43 PM	1.0 min	65.1	82.9	70.9	56.7	3235937	
3/8/2021	9:44 PM	1.0 min	67.5	85.3	74.1	58.5	5623413	
3/8/2021	9:45 PM	1.0 min	69.9	87.7	79.4	57.6	9772372	
3/8/2021	9:46 PM	1.0 min	66.6	84.4	76.7	52.9	4570882	
3/8/2021	9:47 PM	1.0 min	69.6	87.4	79.9	55.7	9120108	

3/8/2021	9:48 PM	1.0 min	65.3	83.1	73.5	56.9	3388442	
3/8/2021	9:49 PM	1.0 min	67.8	85.6	74.2	58.5	6025596	
3/8/2021	9:50 PM	1.0 min	67.8	85.6	73.1	56.9	6025596	
3/8/2021	9:51 PM	1.0 min	65.3	83.1	74.2	57.6	3388442	
3/8/2021	9:52 PM	1.0 min	64.4	82.2	72.9	53	2754229	
3/8/2021	9:53 PM	1.0 min	65.7	83.5	72.5	56.6	3715352	
3/8/2021	9:54 PM	1.0 min	64.9	82.7	70.6	54.8	3090295	
3/8/2021	9:55 PM	1.0 min	68.7	86.5	76.8	59.1	7413102	
3/8/2021	9:56 PM	1.0 min	66.7	84.5	73.5	57.2	4677351	
3/8/2021	9:57 PM	1.0 min	67	84.8	72.8	57.3	5011872	
3/8/2021	9:58 PM	1.0 min	64.7	82.5	71.2	55.2	2951209	
3/8/2021	9:59 PM	1.0 min	67.4	85.2	76.3	60	5495409	
3/8/2021	10:00 PM	1.0 min	66.9	84.7	71.8	53.5	4897788	66.4
3/8/2021	10:01 PM	1.0 min	67.4	85.2	73.4	60.4	5495409	
3/8/2021	10:02 PM	1.0 min	64.3	82.1	71	59.1	2691535	
3/8/2021	10:03 PM	1.0 min	68.1	85.9	76.7	58.2	6456542	
3/8/2021	10:04 PM	1.0 min	65.7	83.5	72.2	56.1	3715352	
3/8/2021	10:05 PM	1.0 min	64.4	82.2	68.9	56.2	2754229	
3/8/2021	10:06 PM	1.0 min	66.3	84.1	72.9	56.6	4265795	
3/8/2021	10:07 PM	1.0 min	68.2	86	74.5	55.9	6606934	
3/8/2021	10:08 PM	1.0 min	66.8	84.6	77.7	55.8	4786301	
3/8/2021	10:09 PM	1.0 min	65.6	83.4	71.4	61	3630781	
3/8/2021	10:10 PM	1.0 min	65	82.8	72.8	52.8	3162278	
3/8/2021	10:11 PM	1.0 min	68	85.8	76.4	54.4	6309573	
3/8/2021	10:12 PM	1.0 min	62	79.8	73.6	51.6	1584893	
3/8/2021	10:13 PM	1.0 min	65.8	83.6	76.7	53	3801894	
3/8/2021	10:14 PM	1.0 min	65.8	83.6	72.1	52.3	3801894	
3/8/2021	10:15 PM	1.0 min	64.7	82.5	75.4	52.2	2951209	
3/8/2021	10:16 PM	1.0 min	65.8	83.6	72.3	55.3	3801894	
3/8/2021	10:17 PM	1.0 min	67.7	85.5	73.6	56.1	5888437	
3/8/2021	10:18 PM	1.0 min	66.8	84.6	73.1	59.5	4786301	
3/8/2021	10:19 PM	1.0 min	68.8	86.6	78.8	56.8	7585776	
3/8/2021	10:20 PM	1.0 min	67.9	85.7	73.5	59.2	6165950	
3/8/2021	10:21 PM	1.0 min	66.4	84.2	74.5	56.8	4365158	
3/8/2021	10:22 PM	1.0 min	65.9	83.7	71.9	55.4	3890451	
3/8/2021	10:23 PM	1.0 min	65.3	83.1	72.7	56.2	3388442	
3/8/2021	10:24 PM	1.0 min	66.7	84.5	74.3	58	4677351	
3/8/2021	10:25 PM	1.0 min	68	85.8	74.4	59.8	6309573	
3/8/2021	10:26 PM	1.0 min	69.7	87.5	75.4	60.1	9332543	
3/8/2021	10:27 PM	1.0 min	65.4	83.2	73.8	54.4	3467369	
3/8/2021	10:28 PM	1.0 min	67.9	85.7	74.8	55.5	6165950	
3/8/2021	10:29 PM	1.0 min	68.4	86.2	78.8	55.4	6918310	
3/8/2021	10:30 PM	1.0 min	66.3	84.1	74.1	56.6	4265795	
3/8/2021	10:31 PM	1.0 min	66.8	84.6	73.2	56.1	4786301	
3/8/2021	10:32 PM	1.0 min	64	81.8	70.7	52.3	2511886	
3/8/2021	10:33 PM	1.0 min	63.2	81	70.4	50.5	2089296	
3/8/2021	10:34 PM	1.0 min	65.1	82.9	70.2	52.1	3235937	
3/8/2021	10:35 PM	1.0 min	66.4	84.2	71.4	57.8	4365158	
3/8/2021	10:36 PM	1.0 min	65.2	83	70.4	56.6	3311311	
3/8/2021	10:37 PM	1.0 min	63.9	81.7	71.6	53	2454709	
3/8/2021	10:38 PM	1.0 min	65.1	82.9	71.8	53.3	3235937	
3/8/2021	10:39 PM	1.0 min	68.5	86.3	75.9	54.6	7079458	
3/8/2021	10:40 PM	1.0 min	66.7	84.5	73.8	59.8	4677351	
3/8/2021	10:41 PM	1.0 min	66.6	84.4	74.6	55.7	4570882	
3/8/2021	10:42 PM	1.0 min	63.3	81.1	70.3	52.4	2137962	
3/8/2021	10:43 PM	1.0 min	65.5	83.3	72.9	50.4	3548134	
3/8/2021	10:44 PM	1.0 min	63.4	81.2	72.6	49.9	2187762	
3/8/2021	10:45 PM	1.0 min	67.5	85.3	74	55.5	5623413	
3/8/2021	10:46 PM	1.0 min	66.8	84.6	74	55.4	4786301	

3/8/2021	10:47 PM	1.0 min	66	83.8	74.1	56.8	3981072	
3/8/2021	10:48 PM	1.0 min	64	81.8	70.6	55.9	2511886	
3/8/2021	10:49 PM	1.0 min	65.1	82.9	74.3	51	3235937	
3/8/2021	10:50 PM	1.0 min	66	83.8	72.9	56.9	3981072	
3/8/2021	10:51 PM	1.0 min	67.1	84.9	73.4	51.9	5128614	
3/8/2021	10:52 PM	1.0 min	65	82.8	73.5	56.8	3162278	
3/8/2021	10:53 PM	1.0 min	65.1	82.9	70.4	54.1	3235937	
3/8/2021	10:54 PM	1.0 min	70.1	87.9	82.4	54.7	10232930	
3/8/2021	10:55 PM	1.0 min	65.7	83.5	74.4	52.9	3715352	
3/8/2021	10:56 PM	1.0 min	65	82.8	72.5	56.8	3162278	
3/8/2021	10:57 PM	1.0 min	62.6	80.4	69	50.2	1819701	
3/8/2021	10:58 PM	1.0 min	66.8	84.6	74.1	55.7	4786301	
3/8/2021	10:59 PM	1.0 min	62.7	80.5	71.2	53.8	1862087	
3/8/2021	11:00 PM	1.0 min	62.3	80.1	70.7	51.4	1698244	66.2
3/8/2021	11:01 PM	1.0 min	68	85.8	74.4	52.9	6309573	
3/8/2021	11:02 PM	1.0 min	67.6	85.4	73.8	53	5754399	
3/8/2021	11:03 PM	1.0 min	69.7	87.5	78.4	54.8	9332543	
3/8/2021	11:04 PM	1.0 min	68.6	86.4	79.2	56.5	7244360	
3/8/2021	11:05 PM	1.0 min	71.5	89.3	83	56.3	14125375	
3/8/2021	11:06 PM	1.0 min	65.7	83.5	73.8	57.3	3715352	
3/8/2021	11:07 PM	1.0 min	68.6	86.4	77.8	56.5	7244360	
3/8/2021	11:08 PM	1.0 min	70.9	88.7	78.2	53.9	12302688	
3/8/2021	11:09 PM	1.0 min	63.4	81.2	72.9	58.8	2187762	
3/8/2021	11:10 PM	1.0 min	64.6	82.4	68	56.9	2884032	
3/8/2021	11:11 PM	1.0 min	65.6	83.4	72.9	54.2	3630781	
3/8/2021	11:12 PM	1.0 min	62.7	80.5	71.2	52.2	1862087	
3/8/2021	11:13 PM	1.0 min	60.9	78.7	67.6	49.4	1230269	
3/8/2021	11:14 PM	1.0 min	62.8	80.6	71.9	54.1	1905461	
3/8/2021	11:15 PM	1.0 min	62.8	80.6	70.7	53.5	1905461	
3/8/2021	11:16 PM	1.0 min	70.1	87.9	77.3	52.9	10232930	
3/8/2021	11:17 PM	1.0 min	72.2	90	83.3	58.6	16595869	
3/8/2021	11:18 PM	1.0 min	60.6	78.4	67.4	49.9	1148154	
3/8/2021	11:19 PM	1.0 min	63.7	81.5	70.2	50.5	2344229	
3/8/2021	11:20 PM	1.0 min	62.4	80.2	68.4	52.5	1737801	
3/8/2021	11:21 PM	1.0 min	62.8	80.6	69.5	49.9	1905461	
3/8/2021	11:22 PM	1.0 min	68.6	86.4	77.7	52.2	7244360	
3/8/2021	11:23 PM	1.0 min	68.1	85.9	77	53.9	6456542	
3/8/2021	11:24 PM	1.0 min	65.6	83.4	74.8	54.3	3630781	
3/8/2021	11:25 PM	1.0 min	68.6	86.4	76.9	55.1	7244360	
3/8/2021	11:26 PM	1.0 min	65	82.8	70.9	55	3162278	
3/8/2021	11:27 PM	1.0 min	62.5	80.3	69.4	49.4	1778279	
3/8/2021	11:28 PM	1.0 min	63.9	81.7	71.7	51	2454709	
3/8/2021	11:29 PM	1.0 min	69.4	87.2	80.4	56.5	8709636	
3/8/2021	11:30 PM	1.0 min	67	84.8	77.8	54.1	5011872	
3/8/2021	11:31 PM	1.0 min	63.3	81.1	71	51.2	2137962	
3/8/2021	11:32 PM	1.0 min	62.2	80	69	53	1659587	
3/8/2021	11:33 PM	1.0 min	63.3	81.1	71	51	2137962	
3/8/2021	11:34 PM	1.0 min	65.3	83.1	74.1	50.7	3388442	
3/8/2021	11:35 PM	1.0 min	67.5	85.3	73.2	55.9	5623413	
3/8/2021	11:36 PM	1.0 min	61.3	79.1	67.3	50.7	1348963	
3/8/2021	11:37 PM	1.0 min	68.2	86	76	53	6606934	
3/8/2021	11:38 PM	1.0 min	65.9	83.7	73.4	55.6	3890451	
3/8/2021	11:39 PM	1.0 min	65.5	83.3	73	54.8	3548134	
3/8/2021	11:40 PM	1.0 min	63.4	81.2	69.9	52.4	2187762	
3/8/2021	11:41 PM	1.0 min	66.3	84.1	73.4	50.8	4265795	
3/8/2021	11:42 PM	1.0 min	62.5	80.3	73.8	46.1	1778279	
3/8/2021	11:43 PM	1.0 min	61.9	79.7	69.2	53.3	1548817	
3/8/2021	11:44 PM	1.0 min	62.5	80.3	72.2	48.5	1778279	
3/8/2021	11:45 PM	1.0 min	62.8	80.6	69.5	51.9	1905461	

3/8/2021	11:46 PM	1.0 min	66.9	84.7	78	54.2	4897788	
3/8/2021	11:47 PM	1.0 min	64.5	82.3	72.5	55.4	2818383	
3/8/2021	11:48 PM	1.0 min	59.2	77	67.8	49.3	831763.8	
3/8/2021	11:49 PM	1.0 min	66.8	84.6	73.2	51.4	4786301	
3/8/2021	11:50 PM	1.0 min	63	80.8	70.2	53.9	1995262	
3/8/2021	11:51 PM	1.0 min	66.1	83.9	73	55.4	4073803	
3/8/2021	11:52 PM	1.0 min	60.4	78.2	67.9	49	1096478	
3/8/2021	11:53 PM	1.0 min	63.6	81.4	69.2	52.5	2290868	
3/8/2021	11:54 PM	1.0 min	56.9	74.7	64.3	49.7	489778.8	
3/8/2021	11:55 PM	1.0 min	66.4	84.2	73	52.9	4365158	
3/8/2021	11:56 PM	1.0 min	68.9	86.7	76.6	52.3	7762471	
3/8/2021	11:57 PM	1.0 min	64.8	82.6	72	48.8	3019952	
3/8/2021	11:58 PM	1.0 min	62.6	80.4	69.2	50.9	1819701	
3/8/2021	11:59 PM	1.0 min	65	82.8	72.4	51.2	3162278	
3/9/2021	12:00 AM	1.0 min	64.5	82.3	71.5	51.8	2818383	64.4
3/9/2021	12:01 AM	1.0 min	67.4	85.2	74.6	50.8	5495409	
3/9/2021	12:02 AM	1.0 min	61.5	79.3	69.7	50.7	1412538	
3/9/2021	12:03 AM	1.0 min	67	84.8	80.8	48.6	5011872	
3/9/2021	12:04 AM	1.0 min	53.4	71.2	58.8	46	218776.2	
3/9/2021	12:05 AM	1.0 min	61.4	79.2	69.3	47.3	1380384	
3/9/2021	12:06 AM	1.0 min	61.9	79.7	71.7	48.8	1548817	
3/9/2021	12:07 AM	1.0 min	61.5	79.3	72.5	50.1	1412538	
3/9/2021	12:08 AM	1.0 min	75.9	93.7	86.9	51.6	38904514	
3/9/2021	12:09 AM	1.0 min	63.8	81.6	71.9	53.4	2398833	
3/9/2021	12:10 AM	1.0 min	62.6	80.4	72.4	52.3	1819701	
3/9/2021	12:11 AM	1.0 min	66.1	83.9	72.9	54.4	4073803	
3/9/2021	12:12 AM	1.0 min	64.6	82.4	74	47.1	2884032	
3/9/2021	12:13 AM	1.0 min	53.8	71.6	60.4	46.6	239883.3	
3/9/2021	12:14 AM	1.0 min	64.7	82.5	71.6	50.7	2951209	
3/9/2021	12:15 AM	1.0 min	56.6	74.4	65.7	50.8	457088.2	
3/9/2021	12:16 AM	1.0 min	55.4	73.2	61	47.2	346736.9	
3/9/2021	12:17 AM	1.0 min	63.3	81.1	70.5	46.9	2137962	
3/9/2021	12:18 AM	1.0 min	62.7	80.5	72.1	51.9	1862087	
3/9/2021	12:19 AM	1.0 min	65.3	83.1	70.9	54.6	3388442	
3/9/2021	12:20 AM	1.0 min	64.1	81.9	72.5	51.8	2570396	
3/9/2021	12:21 AM	1.0 min	62.5	80.3	69.9	47.5	1778279	
3/9/2021	12:22 AM	1.0 min	61.4	79.2	67.9	53.4	1380384	
3/9/2021	12:23 AM	1.0 min	64.3	82.1	71.4	54.5	2691535	
3/9/2021	12:24 AM	1.0 min	65.1	82.9	74.5	52.9	3235937	
3/9/2021	12:25 AM	1.0 min	65.9	83.7	75.5	54.1	3890451	
3/9/2021	12:26 AM	1.0 min	66.8	84.6	72.8	54.7	4786301	
3/9/2021	12:27 AM	1.0 min	65.1	82.9	73.4	55.4	3235937	
3/9/2021	12:28 AM	1.0 min	61.8	79.6	68.6	53.4	1513561	
3/9/2021	12:29 AM	1.0 min	59.1	76.9	69.1	49.6	812830.5	
3/9/2021	12:30 AM	1.0 min	57.4	75.2	64.2	49.5	549540.9	
3/9/2021	12:31 AM	1.0 min	58.5	76.3	66	49.2	707945.8	
3/9/2021	12:32 AM	1.0 min	63.7	81.5	71.5	49.6	2344229	
3/9/2021	12:33 AM	1.0 min	65.5	83.3	71.7	49.6	3548134	
3/9/2021	12:34 AM	1.0 min	57.3	75.1	64.3	49.7	537031.8	
3/9/2021	12:35 AM	1.0 min	64.4	82.2	75.2	50.9	2754229	
3/9/2021	12:36 AM	1.0 min	66.7	84.5	79.1	50.3	4677351	
3/9/2021	12:37 AM	1.0 min	64.9	82.7	73.9	47.8	3090295	
3/9/2021	12:38 AM	1.0 min	59.9	77.7	66.8	51.7	977237.2	
3/9/2021	12:39 AM	1.0 min	60.1	77.9	67.5	52.4	1023293	
3/9/2021	12:40 AM	1.0 min	67.1	84.9	72.8	54.3	5128614	
3/9/2021	12:41 AM	1.0 min	62.6	80.4	73.2	50.8	1819701	
3/9/2021	12:42 AM	1.0 min	59.2	77	67.3	50.2	831763.8	
3/9/2021	12:43 AM	1.0 min	59.4	77.2	68	49	870963.6	
3/9/2021	12:44 AM	1.0 min	57.5	75.3	64.9	49.5	562341.3	



3/9/2021	12:45 AM	1.0 min	55.3	73.1	63.5	49.1	338844.2	
3/9/2021	12:46 AM	1.0 min	60.2	78	68.1	51.5	1047129	
3/9/2021	12:47 AM	1.0 min	63.7	81.5	74.1	48.6	2344229	
3/9/2021	12:48 AM	1.0 min	62.5	80.3	72	52	1778279	
3/9/2021	12:49 AM	1.0 min	60.9	78.7	67.8	52.6	1230269	
3/9/2021	12:50 AM	1.0 min	64.3	82.1	72.2	51.9	2691535	
3/9/2021	12:51 AM	1.0 min	62.3	80.1	73.6	51	1698244	
3/9/2021	12:52 AM	1.0 min	56.6	74.4	67	46.6	457088.2	
3/9/2021	12:53 AM	1.0 min	66.8	84.6	75.3	50.8	4786301	
3/9/2021	12:54 AM	1.0 min	60.9	78.7	68.2	51.4	1230269	
3/9/2021	12:55 AM	1.0 min	63.2	81	71.5	50.6	2089296	
3/9/2021	12:56 AM	1.0 min	60.2	78	65.6	49.3	1047129	
3/9/2021	12:57 AM	1.0 min	64.3	82.1	75.2	51.3	2691535	
3/9/2021	12:58 AM	1.0 min	64.9	82.7	75.6	53.3	3090295	
3/9/2021	12:59 AM	1.0 min	62.2	80	73.5	48.6	1659587	
3/9/2021	1:00 AM	1.0 min	52.4	70.2	58.8	46.6	173780.1	63.8
3/9/2021	1:01 AM	1.0 min	62.3	80.1	70.8	48.3	1698244	
3/9/2021	1:02 AM	1.0 min	66.3	84.1	73.3	51.3	4265795	
3/9/2021	1:03 AM	1.0 min	51.9	69.7	58.9	46	154881.7	
3/9/2021	1:04 AM	1.0 min	64.1	81.9	71.4	48.4	2570396	
3/9/2021	1:05 AM	1.0 min	54.7	72.5	60.9	49	295120.9	
3/9/2021	1:06 AM	1.0 min	61.6	79.4	72.4	48.8	1445440	
3/9/2021	1:07 AM	1.0 min	60.9	78.7	69.4	50.8	1230269	
3/9/2021	1:08 AM	1.0 min	62.6	80.4	71.9	47.6	1819701	
3/9/2021	1:09 AM	1.0 min	64.2	82	75.4	48.2	2630268	
3/9/2021	1:10 AM	1.0 min	59.4	77.2	67.9	48.1	870963.6	
3/9/2021	1:11 AM	1.0 min	62.4	80.2	71.8	48.5	1737801	
3/9/2021	1:12 AM	1.0 min	61.1	78.9	69	48.6	1288250	
3/9/2021	1:13 AM	1.0 min	62	79.8	71.5	48.2	1584893	
3/9/2021	1:14 AM	1.0 min	65.2	83	74.6	48.2	3311311	
3/9/2021	1:15 AM	1.0 min	60.3	78.1	69.6	47.2	1071519	
3/9/2021	1:16 AM	1.0 min	51.2	69	56.5	45.5	131825.7	
3/9/2021	1:17 AM	1.0 min	62.2	80	72.9	45.6	1659587	
3/9/2021	1:18 AM	1.0 min	63.7	81.5	71.1	50.6	2344229	
3/9/2021	1:19 AM	1.0 min	59.9	77.7	68.6	44.8	977237.2	
3/9/2021	1:20 AM	1.0 min	62.9	80.7	70.8	46.4	1949845	
3/9/2021	1:21 AM	1.0 min	66.4	84.2	74.9	46.7	4365158	
3/9/2021	1:22 AM	1.0 min	76.8	94.6	91.4	49.1	47863009	
3/9/2021	1:23 AM	1.0 min	60.2	78	68.9	48.9	1047129	
3/9/2021	1:24 AM	1.0 min	57.7	75.5	67.9	45.4	588843.7	
3/9/2021	1:25 AM	1.0 min	66	83.8	76	46.3	3981072	
3/9/2021	1:26 AM	1.0 min	61.4	79.2	69.3	51.2	1380384	
3/9/2021	1:27 AM	1.0 min	57.4	75.2	66	43	549540.9	
3/9/2021	1:28 AM	1.0 min	59	76.8	68.8	44.8	794328.2	
3/9/2021	1:29 AM	1.0 min	61.2	79	70	49	1318257	
3/9/2021	1:30 AM	1.0 min	57.9	75.7	68.3	43.1	616595	
3/9/2021	1:31 AM	1.0 min	58.9	76.7	68.2	47.3	776247.1	
3/9/2021	1:32 AM	1.0 min	64.3	82.1	72.6	47.5	2691535	
3/9/2021	1:33 AM	1.0 min	60.5	78.3	67.7	51.4	1122018	
3/9/2021	1:34 AM	1.0 min	59.8	77.6	69	46.3	954992.6	
3/9/2021	1:35 AM	1.0 min	54.1	71.9	61.5	44.2	257039.6	
3/9/2021	1:36 AM	1.0 min	67.2	85	78.9	48.7	5248075	
3/9/2021	1:37 AM	1.0 min	57.2	75	66.1	45.9	524807.5	
3/9/2021	1:38 AM	1.0 min	61.7	79.5	69.1	48.4	1479108	
3/9/2021	1:39 AM	1.0 min	63.7	81.5	71.6	47.9	2344229	
3/9/2021	1:40 AM	1.0 min	49.7	67.5	56.1	43.5	93325.43	
3/9/2021	1:41 AM	1.0 min	58.7	76.5	67.9	44.6	741310.2	
3/9/2021	1:42 AM	1.0 min	65.5	83.3	77.2	46.5	3548134	
3/9/2021	1:43 AM	1.0 min	58.7	76.5	65.2	48.2	741310.2	

3/9/2021	1:44 AM	1.0 min	64.5	82.3	71.7	53.5	2818383	
3/9/2021	1:45 AM	1.0 min	64.6	82.4	72.5	54.6	2884032	
3/9/2021	1:46 AM	1.0 min	62.2	80	70.2	51.9	1659587	
3/9/2021	1:47 AM	1.0 min	61.6	79.4	73.5	44.7	1445440	
3/9/2021	1:48 AM	1.0 min	60.8	78.6	68.4	44.4	1202264	
3/9/2021	1:49 AM	1.0 min	59.7	77.5	68.4	45.1	933254.3	
3/9/2021	1:50 AM	1.0 min	62.2	80	71.7	47.3	1659587	
3/9/2021	1:51 AM	1.0 min	62.2	80	72.9	45.7	1659587	
3/9/2021	1:52 AM	1.0 min	58.9	76.7	67.4	47.6	776247.1	
3/9/2021	1:53 AM	1.0 min	63.2	81	72.5	46.1	2089296	
3/9/2021	1:54 AM	1.0 min	56.2	74	64.6	45.4	416869.4	
3/9/2021	1:55 AM	1.0 min	61.3	79.1	68.7	52.3	1348963	
3/9/2021	1:56 AM	1.0 min	64.7	82.5	71.7	53.7	2951209	
3/9/2021	1:57 AM	1.0 min	58.4	76.2	65.4	50.9	691831	
3/9/2021	1:58 AM	1.0 min	63.1	80.9	69.9	47.8	2041738	
3/9/2021	1:59 AM	1.0 min	63.2	81	71.2	49.9	2089296	
3/9/2021	2:00 AM	1.0 min	59.6	77.4	69.3	46.3	912010.8	63.7
3/9/2021	2:01 AM	1.0 min	51.9	69.7	58.5	44.1	154881.7	
3/9/2021	2:02 AM	1.0 min	60.1	77.9	66.7	47.5	1023293	
3/9/2021	2:03 AM	1.0 min	58.8	76.6	69.1	50.6	758577.6	
3/9/2021	2:04 AM	1.0 min	54.9	72.7	59.5	48.9	309029.5	
3/9/2021	2:05 AM	1.0 min	65.2	83	70.4	48.8	3311311	
3/9/2021	2:06 AM	1.0 min	60.8	78.6	68	48.8	1202264	
3/9/2021	2:07 AM	1.0 min	58.5	76.3	67.1	48.4	707945.8	
3/9/2021	2:08 AM	1.0 min	58.2	76	68	50.2	660693.4	
3/9/2021	2:09 AM	1.0 min	60.7	78.5	72.2	48.3	1174898	
3/9/2021	2:10 AM	1.0 min	57.2	75	65.9	48.1	524807.5	
3/9/2021	2:11 AM	1.0 min	60.7	78.5	68	51.9	1174898	
3/9/2021	2:12 AM	1.0 min	60.5	78.3	69.3	50.8	1122018	
3/9/2021	2:13 AM	1.0 min	58.2	76	66.8	47.4	660693.4	
3/9/2021	2:14 AM	1.0 min	56.5	74.3	62.7	46.9	446683.6	
3/9/2021	2:15 AM	1.0 min	62.1	79.9	69.1	51.8	1621810	
3/9/2021	2:16 AM	1.0 min	59.7	77.5	67.4	49.2	933254.3	
3/9/2021	2:17 AM	1.0 min	63.9	81.7	70.3	52.7	2454709	
3/9/2021	2:18 AM	1.0 min	58.2	76	66.8	48.5	660693.4	
3/9/2021	2:19 AM	1.0 min	59	76.8	69.1	46.9	794328.2	
3/9/2021	2:20 AM	1.0 min	62.7	80.5	70.8	53.2	1862087	
3/9/2021	2:21 AM	1.0 min	59.8	77.6	67.6	49.7	954992.6	
3/9/2021	2:22 AM	1.0 min	52.9	70.7	61.4	45	194984.5	
3/9/2021	2:23 AM	1.0 min	60.7	78.5	68.2	49.3	1174898	
3/9/2021	2:24 AM	1.0 min	76.1	93.9	89	56.8	40738028	
3/9/2021	2:25 AM	1.0 min	59	76.8	64.4	50.6	794328.2	
3/9/2021	2:26 AM	1.0 min	60.7	78.5	68.8	49.8	1174898	
3/9/2021	2:27 AM	1.0 min	63.5	81.3	72.1	47.9	2238721	
3/9/2021	2:28 AM	1.0 min	57	74.8	66.4	49.1	501187.2	
3/9/2021	2:29 AM	1.0 min	59.7	77.5	68.5	53.3	933254.3	
3/9/2021	2:30 AM	1.0 min	61.5	79.3	70.2	51.5	1412538	
3/9/2021	2:31 AM	1.0 min	51.8	69.6	57.6	46.8	151356.1	
3/9/2021	2:32 AM	1.0 min	51.1	68.9	57.2	45.7	128825	
3/9/2021	2:33 AM	1.0 min	61.9	79.7	71.6	49.9	1548817	
3/9/2021	2:34 AM	1.0 min	57.2	75	66.4	48.4	524807.5	
3/9/2021	2:35 AM	1.0 min	51.7	69.5	55.4	48	147910.8	
3/9/2021	2:36 AM	1.0 min	60.5	78.3	71	49.3	1122018	
3/9/2021	2:37 AM	1.0 min	61.3	79.1	70.8	48.3	1348963	
3/9/2021	2:38 AM	1.0 min	58	75.8	66.5	48.2	630957.3	
3/9/2021	2:39 AM	1.0 min	61.5	79.3	73.6	51	1412538	
3/9/2021	2:40 AM	1.0 min	62	79.8	71.8	50	1584893	
3/9/2021	2:41 AM	1.0 min	63.5	81.3	70.1	52.5	2238721	
3/9/2021	2:42 AM	1.0 min	55.8	73.6	61.2	50.2	380189.4	

3/9/2021	2:43 AM	1.0 min	54.6	72.4	61.4	50.7	288403.2	
3/9/2021	2:44 AM	1.0 min	56	73.8	63.1	46.1	398107.2	
3/9/2021	2:45 AM	1.0 min	55.3	73.1	64.7	46	338844.2	
3/9/2021	2:46 AM	1.0 min	70	87.8	81.7	51.1	10000000	
3/9/2021	2:47 AM	1.0 min	56.7	74.5	63.6	48.7	467735.1	
3/9/2021	2:48 AM	1.0 min	59.7	77.5	68.2	49.6	933254.3	
3/9/2021	2:49 AM	1.0 min	71.2	89	78.9	53.4	13182567	
3/9/2021	2:50 AM	1.0 min	57.6	75.4	65.8	48.5	575439.9	
3/9/2021	2:51 AM	1.0 min	63.8	81.6	73.1	49.8	2398833	
3/9/2021	2:52 AM	1.0 min	61	78.8	66.9	51.9	1258925	
3/9/2021	2:53 AM	1.0 min	59.1	76.9	69.3	50.3	812830.5	
3/9/2021	2:54 AM	1.0 min	72.6	90.4	82.3	52.9	18197009	
3/9/2021	2:55 AM	1.0 min	65.4	83.2	77.2	50.5	3467369	
3/9/2021	2:56 AM	1.0 min	60.1	77.9	68.3	47.3	1023293	
3/9/2021	2:57 AM	1.0 min	54.6	72.4	68.3	47.3	288403.2	
3/9/2021	2:58 AM	1.0 min	61.5	79.3	69.4	51.2	1412538	
3/9/2021	2:59 AM	1.0 min	56.8	74.6	65.6	46.6	478630.1	
3/9/2021	3:00 AM	1.0 min	56.7	74.5	65.2	45.6	467735.1	60.7
3/9/2021	3:01 AM	1.0 min	60	77.8	66.6	46.9	1000000	
3/9/2021	3:02 AM	1.0 min	61.2	79	69.7	47.2	1318257	
3/9/2021	3:03 AM	1.0 min	60.9	78.7	69	49.8	1230269	
3/9/2021	3:04 AM	1.0 min	64.9	82.7	74.3	51.9	3090295	
3/9/2021	3:05 AM	1.0 min	49.5	67.3	55.8	44.9	89125.09	
3/9/2021	3:06 AM	1.0 min	60.4	78.2	70.1	47.7	1096478	
3/9/2021	3:07 AM	1.0 min	49.8	67.6	53.7	45.6	95499.26	
3/9/2021	3:08 AM	1.0 min	56	73.8	64.5	49.5	398107.2	
3/9/2021	3:09 AM	1.0 min	53.2	71	62.9	47.1	208929.6	
3/9/2021	3:10 AM	1.0 min	55.5	73.3	63.7	47	354813.4	
3/9/2021	3:11 AM	1.0 min	60.1	77.9	69.6	51.2	1023293	
3/9/2021	3:12 AM	1.0 min	52.4	70.2	60.8	45	173780.1	
3/9/2021	3:13 AM	1.0 min	48.7	66.5	55.4	43.8	74131.02	
3/9/2021	3:14 AM	1.0 min	71.7	89.5	79.1	47.6	14791084	
3/9/2021	3:15 AM	1.0 min	58.2	76	65.9	51.3	660693.4	
3/9/2021	3:16 AM	1.0 min	51.4	69.2	57.6	47.2	138038.4	
3/9/2021	3:17 AM	1.0 min	61.9	79.7	72.2	45.7	1548817	
3/9/2021	3:18 AM	1.0 min	56.5	74.3	61.7	49.5	446683.6	
3/9/2021	3:19 AM	1.0 min	57.9	75.7	63.5	51.4	616595	
3/9/2021	3:20 AM	1.0 min	63.5	81.3	70.2	52.4	2238721	
3/9/2021	3:21 AM	1.0 min	54.8	72.6	66.7	47.4	301995.2	
3/9/2021	3:22 AM	1.0 min	62.5	80.3	70.3	48.6	1778279	
3/9/2021	3:23 AM	1.0 min	61.3	79.1	67.8	51	1348963	
3/9/2021	3:24 AM	1.0 min	61.5	79.3	69.1	50.3	1412538	
3/9/2021	3:25 AM	1.0 min	57.3	75.1	64.7	50.3	537031.8	
3/9/2021	3:26 AM	1.0 min	54.4	72.2	64.2	46	275422.9	
3/9/2021	3:27 AM	1.0 min	54.7	72.5	60.6	49.3	295120.9	
3/9/2021	3:28 AM	1.0 min	48.9	66.7	57.1	45.5	77624.71	
3/9/2021	3:29 AM	1.0 min	55.8	73.6	65.5	45.9	380189.4	
3/9/2021	3:30 AM	1.0 min	55.7	73.5	64	47.7	371535.2	
3/9/2021	3:31 AM	1.0 min	57.8	75.6	64.7	47.8	602559.6	
3/9/2021	3:32 AM	1.0 min	56.5	74.3	65.5	48.2	446683.6	
3/9/2021	3:33 AM	1.0 min	63.8	81.6	70.9	49.9	2398833	
3/9/2021	3:34 AM	1.0 min	56.9	74.7	63.5	50.1	489778.8	
3/9/2021	3:35 AM	1.0 min	59.1	76.9	68.2	50.5	812830.5	
3/9/2021	3:36 AM	1.0 min	60.1	77.9	68.1	48.6	1023293	
3/9/2021	3:37 AM	1.0 min	55.4	73.2	63.7	50.2	346736.9	
3/9/2021	3:38 AM	1.0 min	58.1	75.9	68.3	50.1	645654.2	
3/9/2021	3:39 AM	1.0 min	62.7	80.5	70.1	51.2	1862087	
3/9/2021	3:40 AM	1.0 min	63.9	81.7	71.5	50.1	2454709	
3/9/2021	3:41 AM	1.0 min	60.4	78.2	68.5	51.9	1096478	

3/9/2021	3:42 AM	1.0 min	55.3	73.1	61.5	48.7	338844.2	
3/9/2021	3:43 AM	1.0 min	58.7	76.5	69.8	47.7	741310.2	
3/9/2021	3:44 AM	1.0 min	57.6	75.4	67.1	47.6	575439.9	
3/9/2021	3:45 AM	1.0 min	58.8	76.6	64.9	52.8	758577.6	
3/9/2021	3:46 AM	1.0 min	59.9	77.7	69.3	49.2	977237.2	
3/9/2021	3:47 AM	1.0 min	54	71.8	62.6	48.9	251188.6	
3/9/2021	3:48 AM	1.0 min	56.2	74	63.9	48.4	416869.4	
3/9/2021	3:49 AM	1.0 min	65.4	83.2	75.9	52.7	3467369	
3/9/2021	3:50 AM	1.0 min	60.8	78.6	69.4	51.7	1202264	
3/9/2021	3:51 AM	1.0 min	58.1	75.9	70	47.3	645654.2	
3/9/2021	3:52 AM	1.0 min	61.6	79.4	69.8	50.8	1445440	
3/9/2021	3:53 AM	1.0 min	59.6	77.4	68.4	48.2	912010.8	
3/9/2021	3:54 AM	1.0 min	61.2	79	71.1	48.6	1318257	
3/9/2021	3:55 AM	1.0 min	59	76.8	69.3	46.6	794328.2	
3/9/2021	3:56 AM	1.0 min	56.4	74.2	65.2	45.9	436515.8	
3/9/2021	3:57 AM	1.0 min	61.6	79.4	68.3	49.9	1445440	
3/9/2021	3:58 AM	1.0 min	64	81.8	72	53	2511886	
3/9/2021	3:59 AM	1.0 min	64	81.8	75.8	48.8	2511886	
3/9/2021	4:00 AM	1.0 min	59	76.8	71.4	48.8	794328.2	65.8
3/9/2021	4:01 AM	1.0 min	70.1	87.9	81	53.9	10232930	
3/9/2021	4:02 AM	1.0 min	58.5	76.3	67.5	50.4	707945.8	
3/9/2021	4:03 AM	1.0 min	60.8	78.6	70.2	51.2	1202264	
3/9/2021	4:04 AM	1.0 min	61.7	79.5	69.5	51.7	1479108	
3/9/2021	4:05 AM	1.0 min	63.9	81.7	72	56.4	2454709	
3/9/2021	4:06 AM	1.0 min	55.9	73.7	61.9	50.7	389045.1	
3/9/2021	4:07 AM	1.0 min	64.1	81.9	73.2	52.1	2570396	
3/9/2021	4:08 AM	1.0 min	59.8	77.6	68	53.3	954992.6	
3/9/2021	4:09 AM	1.0 min	61.6	79.4	69.9	52.2	1445440	
3/9/2021	4:10 AM	1.0 min	64.3	82.1	72.7	52.7	2691535	
3/9/2021	4:11 AM	1.0 min	64.6	82.4	72.8	53.2	2884032	
3/9/2021	4:12 AM	1.0 min	59.9	77.7	69	52.4	977237.2	
3/9/2021	4:13 AM	1.0 min	63.6	81.4	72.5	52.6	2290868	
3/9/2021	4:14 AM	1.0 min	62.2	80	72.2	47.9	1659587	
3/9/2021	4:15 AM	1.0 min	53.6	71.4	60.4	47.5	229086.8	
3/9/2021	4:16 AM	1.0 min	62.2	80	70.6	50.8	1659587	
3/9/2021	4:17 AM	1.0 min	61.7	79.5	70.3	52.6	1479108	
3/9/2021	4:18 AM	1.0 min	59.8	77.6	69.3	52.1	954992.6	
3/9/2021	4:19 AM	1.0 min	63.3	81.1	69.7	51	2137962	
3/9/2021	4:20 AM	1.0 min	61.2	79	66.9	48.8	1318257	
3/9/2021	4:21 AM	1.0 min	61.2	79	67.8	53.9	1318257	
3/9/2021	4:22 AM	1.0 min	64.7	82.5	71.2	57.8	2951209	
3/9/2021	4:23 AM	1.0 min	64.3	82.1	74.9	51.8	2691535	
3/9/2021	4:24 AM	1.0 min	61.8	79.6	69.6	54.6	1513561	
3/9/2021	4:25 AM	1.0 min	63.6	81.4	71.2	56.1	2290868	
3/9/2021	4:26 AM	1.0 min	64	81.8	70.3	55.5	2511886	
3/9/2021	4:27 AM	1.0 min	61.7	79.5	67.1	55	1479108	
3/9/2021	4:28 AM	1.0 min	63.6	81.4	67.6	53	2290868	
3/9/2021	4:29 AM	1.0 min	61.8	79.6	69.2	52.6	1513561	
3/9/2021	4:30 AM	1.0 min	61.6	79.4	70.1	50.6	1445440	
3/9/2021	4:31 AM	1.0 min	64.6	82.4	71.7	55.6	2884032	
3/9/2021	4:32 AM	1.0 min	64.1	81.9	71.1	55	2570396	
3/9/2021	4:33 AM	1.0 min	64.3	82.1	71.9	55.2	2691535	
3/9/2021	4:34 AM	1.0 min	64.2	82	72	57.7	2630268	
3/9/2021	4:35 AM	1.0 min	60.2	78	66.5	52.4	1047129	
3/9/2021	4:36 AM	1.0 min	69.6	87.4	80.7	52.4	9120108	
3/9/2021	4:37 AM	1.0 min	67.1	84.9	76.9	56.5	5128614	
3/9/2021	4:38 AM	1.0 min	61.6	79.4	67.3	53.8	1445440	
3/9/2021	4:39 AM	1.0 min	65.7	83.5	70.5	57.9	3715352	
3/9/2021	4:40 AM	1.0 min	78.9	96.7	87.5	54.9	77624712	

3/9/2021	4:41 AM	1.0 min	65.2	83	73.9	50.8	3311311
3/9/2021	4:42 AM	1.0 min	62.9	80.7	72.3	50.7	1949845
3/9/2021	4:43 AM	1.0 min	66.7	84.5	73.2	59	4677351
3/9/2021	4:44 AM	1.0 min	63.8	81.6	69.6	54.3	2398833
3/9/2021	4:45 AM	1.0 min	66.1	83.9	73.8	56.2	4073803
3/9/2021	4:46 AM	1.0 min	65.3	83.1	71.5	56.5	3388442
3/9/2021	4:47 AM	1.0 min	64.7	82.5	72	55.5	2951209
3/9/2021	4:48 AM	1.0 min	61.7	79.5	71.2	54	1479108
3/9/2021	4:49 AM	1.0 min	62.3	80.1	70.5	53.3	1698244
3/9/2021	4:50 AM	1.0 min	67.4	85.2	77.4	54.6	5495409
3/9/2021	4:51 AM	1.0 min	69.3	87.1	78.8	54.2	8511380
3/9/2021	4:52 AM	1.0 min	66.7	84.5	77.1	54.9	4677351
3/9/2021	4:53 AM	1.0 min	64.6	82.4	75.1	53.4	2884032
3/9/2021	4:54 AM	1.0 min	67	84.8	73.3	55.5	5011872
3/9/2021	4:55 AM	1.0 min	59.6	77.4	66.2	52.6	912010.8
3/9/2021	4:56 AM	1.0 min	64.8	82.6	71.7	55.6	3019952
3/9/2021	4:57 AM	1.0 min	61.9	79.7	70.3	49.1	1548817
3/9/2021	4:58 AM	1.0 min	60.3	78.1	69.4	49.4	1071519
3/9/2021	4:59 AM	1.0 min	59.9	77.7	71.8	50.8	977237.2
3/9/2021	5:00 AM	1.0 min	62.6	80.4	69	52.8	1819701
3/9/2021	5:01 AM	1.0 min	62.1	79.9	68.9	52.5	1621810
3/9/2021	5:02 AM	1.0 min	64.7	82.5	73.1	51.6	2951209
3/9/2021	5:03 AM	1.0 min	61.7	79.5	69.7	52.4	1479108
3/9/2021	5:04 AM	1.0 min	61.3	79.1	66.5	53	1348963
3/9/2021	5:05 AM	1.0 min	64.9	82.7	69.9	51.6	3090295
3/9/2021	5:06 AM	1.0 min	62.7	80.5	70.4	55.4	1862087
3/9/2021	5:07 AM	1.0 min	65.7	83.5	71.8	57.5	3715352
3/9/2021	5:08 AM	1.0 min	65.9	83.7	73.6	56.8	3890451
3/9/2021	5:09 AM	1.0 min	63	80.8	68.5	53.9	1995262
3/9/2021	5:10 AM	1.0 min	65.5	83.3	77.1	55.9	3548134
3/9/2021	5:11 AM	1.0 min	66.7	84.5	74.3	55	4677351
3/9/2021	5:12 AM	1.0 min	65.5	83.3	73.3	53.3	3548134
3/9/2021	5:13 AM	1.0 min	64	81.8	69.9	53.9	2511886
3/9/2021	5:14 AM	1.0 min	65.8	83.6	72.8	54.6	3801894
3/9/2021	5:15 AM	1.0 min	69.8	87.6	79.9	57.1	9549926
3/9/2021	5:16 AM	1.0 min	63.9	81.7	70.4	54.4	2454709
3/9/2021	5:17 AM	1.0 min	67.6	85.4	73.8	55.4	5754399
3/9/2021	5:18 AM	1.0 min	63.1	80.9	68.2	55.4	2041738
3/9/2021	5:19 AM	1.0 min	64.3	82.1	71.3	57.2	2691535
3/9/2021	5:20 AM	1.0 min	63.1	80.9	69	56.8	2041738
3/9/2021	5:21 AM	1.0 min	65.7	83.5	70.9	59	3715352
3/9/2021	5:22 AM	1.0 min	65.9	83.7	71.9	56.7	3890451
3/9/2021	5:23 AM	1.0 min	67.3	85.1	74.8	56.5	5370318
3/9/2021	5:24 AM	1.0 min	62.9	80.7	67	57.1	1949845
3/9/2021	5:25 AM	1.0 min	67.2	85	72.9	57.7	5248075
3/9/2021	5:26 AM	1.0 min	71	88.8	82.2	63.2	12589254
3/9/2021	5:27 AM	1.0 min	65	82.8	74.1	56.1	3162278
3/9/2021	5:28 AM	1.0 min	69.1	86.9	78.3	56.4	8128305
3/9/2021	5:29 AM	1.0 min	63.3	81.1	69	55.1	2137962
3/9/2021	5:30 AM	1.0 min	70.9	88.7	79.8	55.2	12302688
3/9/2021	5:31 AM	1.0 min	71.2	89	82.8	58.7	13182567
3/9/2021	5:32 AM	1.0 min	68.1	85.9	74.7	55.7	6456542
3/9/2021	5:33 AM	1.0 min	62.9	80.7	71.1	53.3	1949845
3/9/2021	5:34 AM	1.0 min	68.6	86.4	75	57	7244360
3/9/2021	5:35 AM	1.0 min	67.7	85.5	72.7	58.9	5888437
3/9/2021	5:36 AM	1.0 min	67.5	85.3	73.4	59.4	5623413
3/9/2021	5:37 AM	1.0 min	64.6	82.4	72.7	55.5	2884032
3/9/2021	5:38 AM	1.0 min	69.2	87	74.6	59.1	8317638
3/9/2021	5:39 AM	1.0 min	69.6	87.4	78.8	56.9	9120108

67.2

3/9/2021	5:40 AM	1.0 min	68.9	86.7	75.2	58.4	7762471	
3/9/2021	5:41 AM	1.0 min	68.2	86	73	59.4	6606934	
3/9/2021	5:42 AM	1.0 min	68.3	86.1	75.2	58.1	6760830	
3/9/2021	5:43 AM	1.0 min	68.9	86.7	73.6	60.4	7762471	
3/9/2021	5:44 AM	1.0 min	67.9	85.7	72.8	61.9	6165950	
3/9/2021	5:45 AM	1.0 min	65.8	83.6	72.3	56.1	3801894	
3/9/2021	5:46 AM	1.0 min	68	85.8	73.4	57.6	6309573	
3/9/2021	5:47 AM	1.0 min	68.7	86.5	75.6	57.7	7413102	
3/9/2021	5:48 AM	1.0 min	68.4	86.2	78.9	57.7	6918310	
3/9/2021	5:49 AM	1.0 min	66	83.8	72.1	58.7	3981072	
3/9/2021	5:50 AM	1.0 min	68.8	86.6	75	57.5	7585776	
3/9/2021	5:51 AM	1.0 min	68.4	86.2	74.7	60.2	6918310	
3/9/2021	5:52 AM	1.0 min	70.4	88.2	78.2	58.7	10964782	
3/9/2021	5:53 AM	1.0 min	65.6	83.4	72.2	56.7	3630781	
3/9/2021	5:54 AM	1.0 min	67.7	85.5	74	59.2	5888437	
3/9/2021	5:55 AM	1.0 min	67.2	85	73.4	60	5248075	
3/9/2021	5:56 AM	1.0 min	67.4	85.2	74	56.9	5495409	
3/9/2021	5:57 AM	1.0 min	69.8	87.6	75.7	60.2	9549926	
3/9/2021	5:58 AM	1.0 min	68.8	86.6	74.4	57.4	7585776	
3/9/2021	5:59 AM	1.0 min	68.1	85.9	75.4	59.3	6456542	
3/9/2021	6:00 AM	1.0 min	69.6	87.4	78.1	57.7	9120108	71.2
3/9/2021	6:01 AM	1.0 min	66.7	84.5	72	55.4	4677351	
3/9/2021	6:02 AM	1.0 min	68.5	86.3	73.2	59.4	7079458	
3/9/2021	6:03 AM	1.0 min	69	86.8	76.4	60.7	7943282	
3/9/2021	6:04 AM	1.0 min	69.3	87.1	75.3	60.8	8511380	
3/9/2021	6:05 AM	1.0 min	69.4	87.2	76.8	59.5	8709636	
3/9/2021	6:06 AM	1.0 min	66.4	84.2	72.3	58.1	4365158	
3/9/2021	6:07 AM	1.0 min	69	86.8	75.4	58	7943282	
3/9/2021	6:08 AM	1.0 min	70.8	88.6	77.1	61	12022644	
3/9/2021	6:09 AM	1.0 min	70	87.8	78.3	60.1	10000000	
3/9/2021	6:10 AM	1.0 min	68.9	86.7	75.9	58.1	7762471	
3/9/2021	6:11 AM	1.0 min	70.3	88.1	74.5	62.6	10715193	
3/9/2021	6:12 AM	1.0 min	70.4	88.2	77.9	57.5	10964782	
3/9/2021	6:13 AM	1.0 min	69	86.8	73.4	59.9	7943282	
3/9/2021	6:14 AM	1.0 min	70.8	88.6	79.6	62.5	12022644	
3/9/2021	6:15 AM	1.0 min	70.3	88.1	75.2	59.4	10715193	
3/9/2021	6:16 AM	1.0 min	71.1	88.9	79.2	61.1	12882496	
3/9/2021	6:17 AM	1.0 min	67.5	85.3	73.8	60.1	5623413	
3/9/2021	6:18 AM	1.0 min	67	84.8	74.5	58	5011872	
3/9/2021	6:19 AM	1.0 min	68.1	85.9	74.8	57.7	6456542	
3/9/2021	6:20 AM	1.0 min	71.8	89.6	76	63.2	15135612	
3/9/2021	6:21 AM	1.0 min	69.8	87.6	75.1	60.7	9549926	
3/9/2021	6:22 AM	1.0 min	69.3	87.1	77	58.5	8511380	
3/9/2021	6:23 AM	1.0 min	69.5	87.3	74.9	61.8	8912509	
3/9/2021	6:24 AM	1.0 min	68.9	86.7	74.6	61.9	7762471	
3/9/2021	6:25 AM	1.0 min	69	86.8	75.2	62.5	7943282	
3/9/2021	6:26 AM	1.0 min	69.2	87	73.8	62.3	8317638	
3/9/2021	6:27 AM	1.0 min	67.5	85.3	72.3	60.9	5623413	
3/9/2021	6:28 AM	1.0 min	68.4	86.2	73.4	60.5	6918310	
3/9/2021	6:29 AM	1.0 min	74.3	92.1	81.2	60	26915348	
3/9/2021	6:30 AM	1.0 min	71	88.8	76.5	62.1	12589254	
3/9/2021	6:31 AM	1.0 min	68.5	86.3	75.1	58.1	7079458	
3/9/2021	6:32 AM	1.0 min	69.9	87.7	76	60.1	9772372	
3/9/2021	6:33 AM	1.0 min	65.7	83.5	71.4	58	3715352	
3/9/2021	6:34 AM	1.0 min	72.8	90.6	81.3	63.7	19054607	
3/9/2021	6:35 AM	1.0 min	70.8	88.6	77	59.1	12022644	
3/9/2021	6:36 AM	1.0 min	68.6	86.4	74.3	59	7244360	
3/9/2021	6:37 AM	1.0 min	67.8	85.6	73.9	60	6025596	
3/9/2021	6:38 AM	1.0 min	67.4	85.2	73.2	57.9	5495409	

3/9/2021	6:39 AM	1.0 min	71.5	89.3	78.8	58.5	14125375	
3/9/2021	6:40 AM	1.0 min	70.5	88.3	75.5	63.1	11220185	
3/9/2021	6:41 AM	1.0 min	65.5	83.3	71.2	56.7	3548134	
3/9/2021	6:42 AM	1.0 min	70.1	87.9	75.1	60.7	10232930	
3/9/2021	6:43 AM	1.0 min	66.7	84.5	71.2	58.5	4677351	
3/9/2021	6:44 AM	1.0 min	70.2	88	75.8	61.8	10471285	
3/9/2021	6:45 AM	1.0 min	67.7	85.5	71.2	60.5	5888437	
3/9/2021	6:46 AM	1.0 min	69.6	87.4	75.9	58.2	9120108	
3/9/2021	6:47 AM	1.0 min	67.3	85.1	75	58.7	5370318	
3/9/2021	6:48 AM	1.0 min	84.3	102.1	97.9	59.9	2.69E+08	
3/9/2021	6:49 AM	1.0 min	66.7	84.5	87.8	60.3	4677351	
3/9/2021	6:50 AM	1.0 min	68.7	86.5	75	59.1	7413102	
3/9/2021	6:51 AM	1.0 min	68.5	86.3	74.1	58.3	7079458	
3/9/2021	6:52 AM	1.0 min	67.3	85.1	75.6	55	5370318	
3/9/2021	6:53 AM	1.0 min	68	85.8	73.3	59.1	6309573	
3/9/2021	6:54 AM	1.0 min	69.3	87.1	73.5	60.8	8511380	
3/9/2021	6:55 AM	1.0 min	65.2	83	70.5	60.9	3311311	
3/9/2021	6:56 AM	1.0 min	69.3	87.1	74.6	58.1	8511380	
3/9/2021	6:57 AM	1.0 min	69.1	86.9	75.7	60.3	8128305	
3/9/2021	6:58 AM	1.0 min	66.8	84.6	71.7	57.6	4786301	
3/9/2021	6:59 AM	1.0 min	73.9	91.7	85.1	60.4	24547089	
3/9/2021	7:00 AM	1.0 min	66.8	84.6	75.1	56	4786301	69.1
3/9/2021	7:01 AM	1.0 min	64.8	82.6	70.7	58.1	3019952	
3/9/2021	7:02 AM	1.0 min	69.4	87.2	74.6	57.2	8709636	
3/9/2021	7:03 AM	1.0 min	68.2	86	75.5	58.6	6606934	
3/9/2021	7:04 AM	1.0 min	69.9	87.7	74.2	57.5	9772372	
3/9/2021	7:05 AM	1.0 min	66.2	84	71.5	56.2	4168694	
3/9/2021	7:06 AM	1.0 min	71.4	89.2	75.9	59.9	13803843	
3/9/2021	7:07 AM	1.0 min	67.4	85.2	71.5	58.7	5495409	
3/9/2021	7:08 AM	1.0 min	69.2	87	72.8	58.6	8317638	
3/9/2021	7:09 AM	1.0 min	65.5	83.3	71.8	54.1	3548134	
3/9/2021	7:10 AM	1.0 min	70.4	88.2	74.6	60.3	10964782	
3/9/2021	7:11 AM	1.0 min	65.7	83.5	72	61.2	3715352	
3/9/2021	7:12 AM	1.0 min	69.7	87.5	74.6	58.9	9332543	
3/9/2021	7:13 AM	1.0 min	70.5	88.3	74.3	60.2	11220185	
3/9/2021	7:14 AM	1.0 min	70.5	88.3	76.7	59.6	11220185	
3/9/2021	7:15 AM	1.0 min	70.5	88.3	74.2	58.7	11220185	
3/9/2021	7:16 AM	1.0 min	69.6	87.4	73	60.7	9120108	
3/9/2021	7:17 AM	1.0 min	69.8	87.6	75.3	61	9549926	
3/9/2021	7:18 AM	1.0 min	70.6	88.4	76.6	59.8	11481536	
3/9/2021	7:19 AM	1.0 min	64.9	82.7	69.9	58	3090295	
3/9/2021	7:20 AM	1.0 min	70.4	88.2	74.2	59.7	10964782	
3/9/2021	7:21 AM	1.0 min	70	87.8	74.9	61.9	10000000	
3/9/2021	7:22 AM	1.0 min	69.7	87.5	73.1	60.8	9332543	
3/9/2021	7:23 AM	1.0 min	67.7	85.5	73.1	59	5888437	
3/9/2021	7:24 AM	1.0 min	70.7	88.5	74.1	62.9	11748976	
3/9/2021	7:25 AM	1.0 min	65.4	83.2	73.9	59.6	3467369	
3/9/2021	7:26 AM	1.0 min	72.9	90.7	80.7	60	19498446	
3/9/2021	7:27 AM	1.0 min	70.8	88.6	76.9	59.3	12022644	
3/9/2021	7:28 AM	1.0 min	68.3	86.1	77.8	58.5	6760830	
3/9/2021	7:29 AM	1.0 min	70	87.8	75.8	56.9	10000000	
3/9/2021	7:30 AM	1.0 min	69.7	87.5	75.1	59.1	9332543	
3/9/2021	7:31 AM	1.0 min	66.9	84.7	70.5	59.1	4897788	
3/9/2021	7:32 AM	1.0 min	68.3	86.1	72.9	58.8	6760830	
3/9/2021	7:33 AM	1.0 min	70.8	88.6	79.4	56.6	12022644	
3/9/2021	7:34 AM	1.0 min	70.5	88.3	75.5	62.6	11220185	
3/9/2021	7:35 AM	1.0 min	68.4	86.2	74.2	60.2	6918310	
3/9/2021	7:36 AM	1.0 min	69	86.8	77	59.4	7943282	
3/9/2021	7:37 AM	1.0 min	69.9	87.7	76.6	57.2	9772372	

3/9/2021	7:38 AM	1.0 min	64.6	82.4	70.1	58	2884032
3/9/2021	7:39 AM	1.0 min	71.7	89.5	79.8	61.7	14791084
3/9/2021	7:40 AM	1.0 min	70.2	88	79.4	61.5	10471285
3/9/2021	7:41 AM	1.0 min	67.4	85.2	77	60.2	5495409
3/9/2021	7:42 AM	1.0 min	71.1	88.9	75.6	63.7	12882496
3/9/2021	7:43 AM	1.0 min	69.1	86.9	75.7	60.1	8128305
3/9/2021	7:44 AM	1.0 min	72	89.8	79.3	61.6	15848932
3/9/2021	7:45 AM	1.0 min	69.2	87	73.9	61.6	8317638
3/9/2021	7:46 AM	1.0 min	64.8	82.6	70.6	59	3019952
3/9/2021	7:47 AM	1.0 min	69.6	87.4	74.7	54.8	9120108
3/9/2021	7:48 AM	1.0 min	66.4	84.2	73.3	55.5	4365158
3/9/2021	7:49 AM	1.0 min	69.6	87.4	75.4	59.5	9120108
3/9/2021	7:50 AM	1.0 min	67.9	85.7	78.6	59.3	6165950
3/9/2021	7:51 AM	1.0 min	66.2	84	78	58	4168694
3/9/2021	7:52 AM	1.0 min	69.6	87.4	75.3	57.5	9120108
3/9/2021	7:53 AM	1.0 min	66.5	84.3	71.3	56.6	4466836
3/9/2021	7:54 AM	1.0 min	63.6	81.4	69.5	55.3	2290868
3/9/2021	7:55 AM	1.0 min	68.4	86.2	72.5	60.7	6918310
3/9/2021	7:56 AM	1.0 min	69.2	87	75	58.5	8317638
3/9/2021	7:57 AM	1.0 min	67.9	85.7	72.6	57.2	6165950
3/9/2021	7:58 AM	1.0 min	65.9	83.7	71.1	58.8	3890451
3/9/2021	7:59 AM	1.0 min	68.1	85.9	74.1	58.1	6456542
3/9/2021	8:00 AM	1.0 min	67	84.8	72.2	57.3	5011872
3/9/2021	8:01 AM	1.0 min	63.9	81.7	71.5	56.2	2454709
3/9/2021	8:02 AM	1.0 min	67.3	85.1	74.4	56.4	5370318
3/9/2021	8:03 AM	1.0 min	70.6	88.4	78.9	61.5	11481536
3/9/2021	8:04 AM	1.0 min	70.2	88	76.4	64.7	10471285
3/9/2021	8:05 AM	1.0 min	69.9	87.7	77.1	62	9772372
3/9/2021	8:06 AM	1.0 min	65.6	83.4	72.2	57.7	3630781
3/9/2021	8:07 AM	1.0 min	68.5	86.3	73.4	61.1	7079458
3/9/2021	8:08 AM	1.0 min	68.6	86.4	73.1	55.8	7244360
3/9/2021	8:09 AM	1.0 min	66.5	84.3	71	55.5	4466836
3/9/2021	8:10 AM	1.0 min	68.9	86.7	77.9	57.2	7762471
3/9/2021	8:11 AM	1.0 min	64.1	81.9	69.9	55.5	2570396
3/9/2021	8:12 AM	1.0 min	65.9	83.7	72.2	59.9	3890451
3/9/2021	8:13 AM	1.0 min	69.8	87.6	74.5	62.3	9549926
3/9/2021	8:14 AM	1.0 min	65.6	83.4	71.9	59.5	3630781
3/9/2021	8:15 AM	1.0 min	66.5	84.3	73.7	53.1	4466836
3/9/2021	8:16 AM	1.0 min	69.1	86.9	76.3	60.6	8128305
3/9/2021	8:17 AM	1.0 min	66.2	84	71.8	56.5	4168694
3/9/2021	8:18 AM	1.0 min	69	86.8	73.6	58.1	7943282
3/9/2021	8:19 AM	1.0 min	66	83.8	71	58.2	3981072
3/9/2021	8:20 AM	1.0 min	68.5	86.3	77.3	61.2	7079458
3/9/2021	8:21 AM	1.0 min	66.9	84.7	70.6	57.4	4897788
3/9/2021	8:22 AM	1.0 min	70.9	88.7	83.6	59.5	12302688
3/9/2021	8:23 AM	1.0 min	72.2	90	80.6	66.9	16595869
3/9/2021	8:24 AM	1.0 min	66.9	84.7	73	61.7	4897788
3/9/2021	8:25 AM	1.0 min	70.5	88.3	74.1	61.7	11220185
3/9/2021	8:26 AM	1.0 min	65.5	83.3	72.2	60.5	3548134
3/9/2021	8:27 AM	1.0 min	66.3	84.1	71.8	60.5	4265795
3/9/2021	8:28 AM	1.0 min	66.1	83.9	71.9	58	4073803
3/9/2021	8:29 AM	1.0 min	69.2	87	74.1	54.4	8317638
3/9/2021	8:30 AM	1.0 min	65.9	83.7	69.8	60.7	3890451
3/9/2021	8:31 AM	1.0 min	65.6	83.4	71.7	58.3	3630781
3/9/2021	8:32 AM	1.0 min	66.9	84.7	72.1	55.1	4897788
3/9/2021	8:33 AM	1.0 min	66.7	84.5	73.4	61.2	4677351
3/9/2021	8:34 AM	1.0 min	63.2	81	68.7	56.3	2089296
3/9/2021	8:35 AM	1.0 min	68.4	86.2	74.8	56.6	6918310
3/9/2021	8:36 AM	1.0 min	67	84.8	72.3	56.3	5011872

68.3



3/9/2021	8:37 AM	1.0 min	61.5	79.3	66	57.8	1412538
3/9/2021	8:38 AM	1.0 min	69.4	87.2	74	59.4	8709636
3/9/2021	8:39 AM	1.0 min	74.7	92.5	86.7	63.8	29512092
3/9/2021	8:40 AM	1.0 min	72.3	90.1	78.4	65.8	16982437
3/9/2021	8:41 AM	1.0 min	72.2	90	82.1	64.9	16595869
3/9/2021	8:42 AM	1.0 min	69.1	86.9	75	62.7	8128305
3/9/2021	8:43 AM	1.0 min	64.3	82.1	69.4	59.4	2691535
3/9/2021	8:44 AM	1.0 min	69.3	87.1	74.4	59.3	8511380
3/9/2021	8:45 AM	1.0 min	69.5	87.3	73.6	61.8	8912509
3/9/2021	8:46 AM	1.0 min	68.5	86.3	73.5	57.8	7079458
3/9/2021	8:47 AM	1.0 min	66.9	84.7	72.1	59.9	4897788
3/9/2021	8:48 AM	1.0 min	70.1	87.9	74.7	54.9	10232930
3/9/2021	8:49 AM	1.0 min	64.3	82.1	71.7	60.5	2691535
3/9/2021	8:50 AM	1.0 min	67.7	85.5	72	55.9	5888437
3/9/2021	8:51 AM	1.0 min	67	84.8	72.5	57.2	5011872
3/9/2021	8:52 AM	1.0 min	67.3	85.1	71.9	59.5	5370318
3/9/2021	8:53 AM	1.0 min	66	83.8	69.8	59.6	3981072
3/9/2021	8:54 AM	1.0 min	65.6	83.4	74.3	56.1	3630781
3/9/2021	8:55 AM	1.0 min	65.4	83.2	70.3	57.9	3467369
3/9/2021	8:56 AM	1.0 min	67.3	85.1	70.8	57.4	5370318
3/9/2021	8:57 AM	1.0 min	63.4	81.2	69.6	56.9	2187762
3/9/2021	8:58 AM	1.0 min	66.6	84.4	72.4	58.6	4570882
3/9/2021	8:59 AM	1.0 min	68.9	86.7	75.3	60.6	7762471
3/9/2021	9:00 AM	1.0 min	68.9	86.7	74.6	59.6	7762471
3/9/2021	9:01 AM	1.0 min	67	84.8	73.9	59.2	5011872
3/9/2021	9:02 AM	1.0 min	75.7	93.5	87.7	62.8	37153523
3/9/2021	9:03 AM	1.0 min	64.5	82.3	68.3	55.8	2818383
3/9/2021	9:04 AM	1.0 min	67	84.8	73.2	58.5	5011872
3/9/2021	9:05 AM	1.0 min	68	85.8	73.2	56.5	6309573
3/9/2021	9:06 AM	1.0 min	66.8	84.6	73.3	58.5	4786301
3/9/2021	9:07 AM	1.0 min	65.4	83.2	71.2	58.6	3467369
3/9/2021	9:08 AM	1.0 min	63.2	81	70.6	53.8	2089296
3/9/2021	9:09 AM	1.0 min	68.3	86.1	74.4	61.5	6760830
3/9/2021	9:10 AM	1.0 min	64.7	82.5	69.4	56.8	2951209
3/9/2021	9:11 AM	1.0 min	65	82.8	74.8	56.7	3162278
3/9/2021	9:12 AM	1.0 min	67.6	85.4	76.1	61.2	5754399
3/9/2021	9:13 AM	1.0 min	65.7	83.5	69.3	59.7	3715352
3/9/2021	9:14 AM	1.0 min	64.8	82.6	70.4	57.4	3019952
3/9/2021	9:15 AM	1.0 min	64.5	82.3	70.8	59	2818383
3/9/2021	9:16 AM	1.0 min	64.3	82.1	68.8	56.5	2691535
3/9/2021	9:17 AM	1.0 min	66.8	84.6	76.9	58.1	4786301
3/9/2021	9:18 AM	1.0 min	68	85.8	74	57.3	6309573
3/9/2021	9:19 AM	1.0 min	64.7	82.5	69.3	55.9	2951209
3/9/2021	9:20 AM	1.0 min	65.4	83.2	69.8	55.7	3467369
3/9/2021	9:21 AM	1.0 min	66.3	84.1	73.4	59	4265795
3/9/2021	9:22 AM	1.0 min	67.5	85.3	73.4	60.5	5623413
3/9/2021	9:23 AM	1.0 min	65.9	83.7	70.9	54.7	3890451
3/9/2021	9:24 AM	1.0 min	65.6	83.4	72.2	55.3	3630781
3/9/2021	9:25 AM	1.0 min	62.4	80.2	67.6	56.4	1737801
3/9/2021	9:26 AM	1.0 min	64.4	82.2	68.4	52.8	2754229
3/9/2021	9:27 AM	1.0 min	68.6	86.4	74.5	57.3	7244360
3/9/2021	9:28 AM	1.0 min	66.2	84	72.3	59.1	4168694
3/9/2021	9:29 AM	1.0 min	65.4	83.2	69.3	56.6	3467369
3/9/2021	9:30 AM	1.0 min	66.7	84.5	71.1	56.1	4677351
3/9/2021	9:31 AM	1.0 min	62.4	80.2	66.7	57	1737801
3/9/2021	9:32 AM	1.0 min	66.4	84.2	71.2	58.5	4365158
3/9/2021	9:33 AM	1.0 min	65.5	83.3	71.7	57.7	3548134
3/9/2021	9:34 AM	1.0 min	69.4	87.2	75.5	58.9	8709636
3/9/2021	9:35 AM	1.0 min	65.2	83	70.8	57.6	3311311

66.9

3/9/2021	9:36 AM	1.0 min	66.5	84.3	73.7	59.1	4466836
3/9/2021	9:37 AM	1.0 min	67.6	85.4	72.3	56.6	5754399
3/9/2021	9:38 AM	1.0 min	71.4	89.2	80.8	63.7	13803843
3/9/2021	9:39 AM	1.0 min	64.3	82.1	69.6	58.1	2691535
3/9/2021	9:40 AM	1.0 min	69.5	87.3	76.1	59.8	8912509
3/9/2021	9:41 AM	1.0 min	65	82.8	71.3	54.3	3162278
3/9/2021	9:42 AM	1.0 min	66.1	83.9	71.6	58.6	4073803
3/9/2021	9:43 AM	1.0 min	66.5	84.3	72	58.2	4466836
3/9/2021	9:44 AM	1.0 min	66	83.8	72.3	58.6	3981072
3/9/2021	9:45 AM	1.0 min	65.6	83.4	71.7	56.6	3630781
3/9/2021	9:46 AM	1.0 min	66.6	84.4	73.3	59.7	4570882
3/9/2021	9:47 AM	1.0 min	64.6	82.4	71.1	57.5	2884032
3/9/2021	9:48 AM	1.0 min	68.9	86.7	74.7	62.3	7762471
3/9/2021	9:49 AM	1.0 min	63.9	81.7	68	59.3	2454709
3/9/2021	9:50 AM	1.0 min	66.7	84.5	72	57.1	4677351
3/9/2021	9:51 AM	1.0 min	66	83.8	72.7	59.6	3981072
3/9/2021	9:52 AM	1.0 min	64.6	82.4	70.6	57.2	2884032
3/9/2021	9:53 AM	1.0 min	68.1	85.9	75.1	57.6	6456542
3/9/2021	9:54 AM	1.0 min	66.4	84.2	72.6	59.6	4365158
3/9/2021	9:55 AM	1.0 min	66.1	83.9	71.8	56.2	4073803
3/9/2021	9:56 AM	1.0 min	63.1	80.9	68.7	55.4	2041738
3/9/2021	9:57 AM	1.0 min	64.4	82.2	69.6	56.7	2754229
3/9/2021	9:58 AM	1.0 min	65.2	83	70	56.8	3311311
3/9/2021	9:59 AM	1.0 min	65.8	83.6	72.8	55.7	3801894
3/9/2021	10:00 AM	1.0 min	66.4	84.2	72.8	58	4365158
3/9/2021	10:01 AM	1.0 min	66.8	84.6	76.1	55	4786301
3/9/2021	10:02 AM	1.0 min	62.9	80.7	70	51.3	1949845
3/9/2021	10:03 AM	1.0 min	65.7	83.5	71	53	3715352
3/9/2021	10:04 AM	1.0 min	62.7	80.5	67.1	55.6	1862087
3/9/2021	10:05 AM	1.0 min	65.4	83.2	69.3	56.8	3467369
3/9/2021	10:06 AM	1.0 min	70	87.8	82	57	10000000
3/9/2021	10:07 AM	1.0 min	65.6	83.4	69.9	56.7	3630781
3/9/2021	10:08 AM	1.0 min	66.4	84.2	70.8	56.4	4365158
3/9/2021	10:09 AM	1.0 min	65.3	83.1	70.9	57.1	3388442
3/9/2021	10:10 AM	1.0 min	66.1	83.9	70.1	56.2	4073803
3/9/2021	10:11 AM	1.0 min	67.2	85	76.2	58.1	5248075
3/9/2021	10:12 AM	1.0 min	65.3	83.1	72.4	58.2	3388442
3/9/2021	10:13 AM	1.0 min	66.2	84	73.1	56.5	4168694
3/9/2021	10:14 AM	1.0 min	64.2	82	70.3	54.2	2630268
3/9/2021	10:15 AM	1.0 min	64.6	82.4	70.5	55.9	2884032
3/9/2021	10:16 AM	1.0 min	67.9	85.7	75.7	59.6	6165950
3/9/2021	10:17 AM	1.0 min	64.5	82.3	68.5	57.9	2818383
3/9/2021	10:18 AM	1.0 min	68.5	86.3	73.4	63.1	7079458
3/9/2021	10:19 AM	1.0 min	65.9	83.7	71.4	58	3890451
3/9/2021	10:20 AM	1.0 min	64.3	82.1	69.5	56.1	2691535
3/9/2021	10:21 AM	1.0 min	64.7	82.5	69.6	57.6	2951209
3/9/2021	10:22 AM	1.0 min	65	82.8	69.3	57.1	3162278
3/9/2021	10:23 AM	1.0 min	68	85.8	77.3	58.2	6309573
3/9/2021	10:24 AM	1.0 min	63.5	81.3	70.3	52.9	2238721
3/9/2021	10:25 AM	1.0 min	68.2	86	74.7	53.7	6606934
3/9/2021	10:26 AM	1.0 min	65.4	83.2	69.1	54.6	3467369
3/9/2021	10:27 AM	1.0 min	61.1	78.9	64.3	56.1	1288250
3/9/2021	10:28 AM	1.0 min	66.2	84	71.1	55.6	4168694
3/9/2021	10:29 AM	1.0 min	64	81.8	70.4	57.3	2511886
3/9/2021	10:30 AM	1.0 min	65.2	83	71.5	58.7	3311311
3/9/2021	10:31 AM	1.0 min	63.2	81	69.3	54.9	2089296
3/9/2021	10:32 AM	1.0 min	63.8	81.6	69.2	53.4	2398833
3/9/2021	10:33 AM	1.0 min	68.9	86.7	75.7	59.1	7762471
3/9/2021	10:34 AM	1.0 min	66	83.8	71.7	58.5	3981072

68.2

3/9/2021	10:35 AM	1.0 min	67	84.8	71.6	59.4	5011872
3/9/2021	10:36 AM	1.0 min	66.5	84.3	71	59.2	4466836
3/9/2021	10:37 AM	1.0 min	62.3	80.1	67.9	55.2	1698244
3/9/2021	10:38 AM	1.0 min	64.9	82.7	69.8	56	3090295
3/9/2021	10:39 AM	1.0 min	64.9	82.7	70.2	58.6	3090295
3/9/2021	10:40 AM	1.0 min	66.3	84.1	71.8	54.6	4265795
3/9/2021	10:41 AM	1.0 min	67.8	85.6	79.6	60	6025596
3/9/2021	10:42 AM	1.0 min	68	85.8	79.1	55.2	6309573
3/9/2021	10:43 AM	1.0 min	64.3	82.1	67.7	56.9	2691535
3/9/2021	10:44 AM	1.0 min	64	81.8	68.9	59.6	2511886
3/9/2021	10:45 AM	1.0 min	64.1	81.9	70.5	54.1	2570396
3/9/2021	10:46 AM	1.0 min	64.9	82.7	71.6	54.9	3090295
3/9/2021	10:47 AM	1.0 min	63.2	81	68.9	54.6	2089296
3/9/2021	10:48 AM	1.0 min	67.4	85.2	72.5	61.9	5495409
3/9/2021	10:49 AM	1.0 min	63	80.8	69.3	57.7	1995262
3/9/2021	10:50 AM	1.0 min	63	80.8	69.6	54.3	1995262
3/9/2021	10:51 AM	1.0 min	63.6	81.4	68.7	57.5	2290868
3/9/2021	10:52 AM	1.0 min	67.1	84.9	73	59.7	5128614
3/9/2021	10:53 AM	1.0 min	63.6	81.4	68.5	57.3	2290868
3/9/2021	10:54 AM	1.0 min	65.4	83.2	74.3	58.7	3467369
3/9/2021	10:55 AM	1.0 min	81.3	99.1	93	53.2	1.35E+08
3/9/2021	10:56 AM	1.0 min	65.4	83.2	69.5	60	3467369
3/9/2021	10:57 AM	1.0 min	68.8	86.6	73.5	56.7	7585776
3/9/2021	10:58 AM	1.0 min	65.7	83.5	70.2	57.9	3715352
3/9/2021	10:59 AM	1.0 min	75.5	93.3	86.2	61.4	35481339

## Long-Term Measurement

### Leq to CNEL Conversion

Start time (hour)	Leq dB(A)
0:00	64.4
1:00	63.8
2:00	63.7
3:00	60.7
4:00	65.8
5:00	67.2
6:00	71.2
7:00	69.1
8:00	68.3
9:00	66.9
10:00	68.2
11:00	68.7
12:00	68.0
13:00	67.7
14:00	69.7
15:00	71.9
16:00	71.2
17:00	71.5
18:00	69.2
19:00	72.2
20:00	71.2
21:00	67.6
22:00	66.4
23:00	66.2

Night Hrs
Evening Hrs
Daytime Hrs

<b>24 hour cumulative value (CNEL)</b>	<b>74.1</b>
<b>Daytime Average (Leq)</b>	<b>69.8</b>
<b>Nighttime Average (Leq)</b>	<b>66.4</b>

Summary	
File Name on Meter	831_Data.314
File Name on PC	SLM_0003786_831_Data_314.00.ldbin
Serial Number	0003786
Model	Model 831
Firmware Version	2.402
User	
Location	
Job Description	
Note	

Measurement	
<b>Description</b>	
Start	2021-03-08 11:29:50
Stop	2021-03-08 11:39:51
Duration	00:10:00.6
Run Time	00:10:00.6
Pause	00:00:00.0
Pre Calibration	2021-03-08 11:29:40
Post Calibration	None
Calibration Deviation	---

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamp	PRM831
Microphone Correction	FF:RI
Integration Method	Linear
OBA Range	Normal
OBA Bandwidth	1/1 and 1/3
OBA Freq. Weighting	A Weighting
OBA Max Spectrum	Bin Max
Gain	0.0 dB
Overload	150.7 dB
	<b>A</b> <b>C</b> <b>Z</b>
Under Range Peak	<b>75.2</b> 72.2                      77.2 dB
Under Range Limit	<b>25.9</b> 26.1                      31.2 dB
Noise Floor	16.8                      16.9                      22.0 dB

Results	
LAeq	56.6
LAE	84.4
EA	30.352 µPa <sup>2</sup> h
L <sub>Apeak</sub> (max)	2021-03-08 11:36:55                      90.3 dB
L <sub>ASmax</sub>	2021-03-08 11:29:50                      74.7 dB
L <sub>ASmin</sub>	2021-03-08 11:36:40                      43.8 dB
SEA	-99.94 dB
L <sub>AS</sub> > 65.0 dB (Exceedance Counts / Duration)	8                      25.9 s
L <sub>AS</sub> > 85.0 dB (Exceedance Counts / Duration)	0                      0.0 s
L <sub>Apeak</sub> > 135.0 dB (Exceedance Counts / Duration)	0                      0.0 s
L <sub>Apeak</sub> > 137.0 dB (Exceedance Counts / Duration)	0                      0.0 s
L <sub>Apeak</sub> > 140.0 dB (Exceedance Counts / Duration)	0                      0.0 s

Community Noise	L <sub>dn</sub>	L <sub>Day</sub> 07:00-22:00	L <sub>Night</sub> 22:00-07:00	L <sub>den</sub>	L <sub>Day</sub> 07:00-19:00	L <sub>Evening</sub> 19:00-22:00	L <sub>Night</sub> 22:00-07:00
	56.6	56.6	-99.94	56.6	56.6	-99.94	-99.94

LCeq	68.6 dB
LAeq	56.6 dB
LCeq - LAeq	12.1 dB
L <sub>Aleq</sub>	62.9 dB
LAeq	56.6 dB
L <sub>Aleq</sub> - LAeq	6.3 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	56.6		68.6		77.6	
L <sub>f</sub> (max)	74.7	2021/03/08 11:29:50	86.9	2021/03/08 11:31:21	87.9	2021/03/08 11:31:21
L <sub>f</sub> (min)	77.9	2021/03/08 11:36:55	89.9	2021/03/08 11:31:20	91.0	2021/03/08 11:30:15
L <sub>i</sub> (max)	86.3	2021/03/08 11:29:50	98.9	2021/03/08 11:29:50	103.6	2021/03/08 11:29:50
L <sub>s</sub> (min)	43.8	2021/03/08 11:36:40	58.4	2021/03/08 11:39:12	63.6	2021/03/08 11:38:03
L <sub>f</sub> (min)	42.5	2021/03/08 11:32:36	56.9	2021/03/08 11:39:11	61.5	2021/03/08 11:38:01
L <sub>i</sub> (min)	43.6	2021/03/08 11:36:40	59.8	2021/03/08 11:38:06	64.4	2021/03/08 11:38:01
L <sub>peak</sub> (max)	90.3	2021/03/08 11:36:55	98.0	2021/03/08 11:31:20	99.0	2021/03/08 11:31:20

# Overloads	0
Overload Duration	0.0 s
# OBA Overloads	0
OBA Overload Duration	0.0 s

Statistics	
LAI1.00	68.5 dB
LAI10.00	59.2 dB
LAI25.00	54.8 dB
LAI50.00	50.2 dB
LAI90.00	46.1 dB
LAI99.00	44.4 dB

**Summary**

File Name on Meter 831\_Data.315  
 File Name on PC SLM\_0003786\_831\_Data\_315.00.ldbin  
 Serial Number 0003786  
 Model Model 831  
 Firmware Version 2.402  
 User  
 Location  
 Job Description  
 Note

**Measurement**

Description  
 Start 2021-03-08 11:47:48  
 Stop 2021-03-08 11:58:26  
 Duration 00:10:37.5  
 Run Time 00:10:00.9  
 Pause 00:00:36.6  
 Pre Calibration 2021-03-08 11:45:37  
 Post Calibration None  
 Calibration Deviation ---

**Overall Settings**

RMS Weight A Weighting  
 Peak Weight A Weighting  
 Detector Slow  
 Preamp PRM831  
 Microphone Correction FF:RI  
 Integration Method Linear  
 OBA Range Normal  
 OBA Bandwidth 1/1 and 1/3  
 OBA Freq. Weighting A Weighting  
 OBA Max Spectrum Bin Max  
 Gain 0.0 dB  
 Overload 150.7 dB  
 Under Range Peak **75.2** **C** **Z**  
 Under Range Limit **25.9** 26.1 31.2 dB  
 Noise Floor 16.8 16.9 22.0 dB

**Results**

LAeq 60.6  
 LAE 88.4  
 EA 76.224  $\mu\text{Pa}^2\text{h}$   
 LApeak (max) 2021-03-08 11:51:13 90.8 dB  
 LASmax 2021-03-08 11:51:41 73.9 dB  
 LASmin 2021-03-08 11:55:39 50.3 dB  
 SEA -99.94 dB

LAS > 65.0 dB (Exceedance Counts / Duration) 13 40.7 s  
 LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s  
 LApeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

Community Noise **Ldn** **LDay 07:00-22:00** **LNight 22:00-07:00** **Lden** **LDay 07:00-19:00** **LEvening 19:00-22:00** **LNight 22:00-07:00**  
 60.6 60.6 -99.94 60.6 60.6 -99.94 -99.94

LCeq 73.9 dB  
 LAeq 60.6 dB  
 LCeq - LAeq 13.4 dB  
 LAleq 63.4 dB  
 LAeq 60.6 dB  
 LAleq - LAeq 2.9 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	60.6		73.9		82.6	
Ls(max)	73.9	2021/03/08 11:51:41	89.1	2021/03/08 11:48:31	93.5	2021/03/08 11:50:56
Lf(max)	77.9	2021/03/08 11:51:41	91.1	2021/03/08 11:48:31	97.4	2021/03/08 11:50:56
Li(max)	79.0	2021/03/08 11:51:41	92.1	2021/03/08 11:48:31	100.1	2021/03/08 11:50:56
Ls(min)	50.3	2021/03/08 11:55:39	63.4	2021/03/08 11:57:14	67.2	2021/03/08 11:49:53
Lf(min)	48.8	2021/03/08 11:55:45	61.7	2021/03/08 11:57:13	65.9	2021/03/08 11:49:53
Li(min)	50.1	2021/03/08 11:55:38	64.0	2021/03/08 11:57:14	68.0	2021/03/08 11:49:53
Lpeak(max)	90.8	2021/03/08 11:51:13	99.3	2021/03/08 11:48:30	103.2	2021/03/08 11:50:55

# Overloads 0  
 Overload Duration 0.0 s  
 # OBA Overloads 0  
 OBA Overload Duration 0.0 s

**Statistics**

LAI1.00 69.9 dB  
 LAI10.00 63.3 dB  
 LAI25.00 61.3 dB  
 LAI50.00 58.0 dB  
 LAI90.00 53.0 dB  
 LAI99.00 51.0 dB

Appendix B  
**Construction, On-Site Operational, and Traffic Noise  
Levels**

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**Construction Noise Analysis - Demolition**

Equipment		Typical Level @ 50', dBA <sup>1</sup>	Usage Factor <sup>1,2</sup>	Number of Units	Distance to Receiver, ft.	Hard or Soft Site?	Barrier Attenuation, dB	Leq(h), dBA
Item No.	Description							
18	Excavator	80.7	0.4	1	50	hard	0	77
61	Truck, Dump	76.5	0.4	1	50	hard	0	73
72	Street Sweeper	81.6	0.1	1	50	hard	0	72
73	Water Truck	74.3	0.4	1	50	hard	0	70
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
	<i>Combined Equipment</i>			1	50	hard	0	<b>80</b>

1. Obtained or estimated from:  
 FHWA Roadway Construction Noise Model (RCNM), Version 1.1, December 8, 2008; and/or  
 "Transit Noise and Vibration Impact Assessment", FTA, (FTA-VA-90-1003-06), May 2006; and/or  
 "Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances;" BBN/EPA, December 31, 1971
2. Usage Factor = percentage of time equipment is operating in noisiest mode while in use







**Construction Noise Analysis - Paving**

Equipment		Typical Level @ 50', dBA <sup>1</sup>	Usage Factor <sup>1,2</sup>	Number of Units	Distance to Receiver, ft.	Hard or Soft Site?	Barrier Attenuation, dB	Leq(h), dBA
Item No.	Description							
9	Compactor	83.2	0.2	1	50	hard	0	76
34	Paver	77.2	0.5	1	50	hard	0	74
71	Concrete Truck	76.5	0.4	2	50	hard	0	76
61	Truck, Dump	76.5	0.4	1	50	hard	0	73
72	Street Sweeper	81.6	0.1	1	50	hard	0	72
2	Backhoe	77.6	0.4	1	50	hard	0	74
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
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				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
				1	50	hard	0	
	<b>Combined Equipment</b>							<b>82</b>

1. Obtained or estimated from:

FHWA Roadway Construction Noise Model (RCNM), Version 1.1, December 8, 2008; and/or

"Transit Noise and Vibration Impact Assessment", FTA, (FTA-VA-90-1003-06), May 2006; and/or

"Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances;" BBN/EPA, December 31, 1971

2. Usage Factor = percentage of time equipment is operating in noisiest mode while in use

Construction Noise Analysis

Dist. Attenuation  
Coefficient:

20

Receptor	Receiver Type/Location	Construction Phase	Closest Approximate Distance	Furthest Approximate Distance	Acoustical Average Distance	Ref. Noise Level @ 50ft.			Construction Noise Level -	
						Leq(h), dBA	Dist. Excess Attenuation, dB	Barrier Attenuation, dB	Leq, dBA	Highest Unmitigated Construction Noise Level (Leq, dBA)
1	SFR - North of Project site, across W 58th Street	Demolition	195	650	356	80	0	5	58	62
		Site Preparation	195	650	356	81	0	5	59	
		Grading	195	650	356	84	0	5	62	
		Building Construction	195	650	356	83	0	5	61	
		Paving	195	650	356	82	0	5	60	
2	MFR - Northwest of Project site, across Normandie Avenue	Demolition	155	1315	451	80	0	5	56	60
		Site Preparation	155	1315	451	81	0	5	57	
		Grading	155	1315	451	84	0	5	60	
		Building Construction	155	1315	451	83	0	5	59	
		Paving	155	1315	451	82	0	5	58	
3	SFR - West of Project Site, across Normandie Avenue and behind	Demolition	295	1530	672	80	0	5	52	56
		Site Preparation	295	1530	672	81	0	5	53	
		Grading	295	1530	672	84	0	5	56	
		Building Construction	295	1530	672	83	0	5	55	
		Paving	295	1530	672	82	0	5	54	
4	SFR - South of Project Site, across Slauson Avenue	Demolition	70	660	215	80	0	0	67	71
		Site Preparation	70	660	215	81	0	0	68	
		Grading	70	660	215	84	0	0	71	
		Building Construction	70	660	215	83	0	0	70	
		Paving	70	660	215	82	0	0	69	
5	SFR - East of Project Site, across Budlong Avenue	Demolition	60	1290	278	80	0	0	65	69
		Site Preparation	60	1290	278	81	0	0	66	
		Grading	60	1290	278	84	0	0	69	
		Building Construction	60	1290	278	83	0	0	68	
		Paving	60	1290	278	82	0	0	67	

**Parking Garage Noise Levels:**

$$Leq(h) = SEL_{ref} + 10\log(N_A/1000) - 35.6$$

*Leq(h) = hourly Leq noise level at 50 feet*

*SEL<sub>ref</sub> = reference noise level for stationary noise source represented in sound exposure level (SEL) at 50 feet*

*N<sub>A</sub> = number of automobiles per hour*

*Source: Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, September 2018. (Tables 4-13 & 4-14)*

Project On-site Parking:

SEL<sub>ref</sub> (dBA): 92

N<sub>A</sub>: 103 (Assumes 20% of project's 514 daily vehicle trips)

Leq(h) @ 50ft.: 46.5

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Receptor	Noise Attenuation	Distance <sup>a</sup>	Estimated Noise Levels (dBA Leq)
			Individual Sources
MFR - Northwest of project site, across Normandie Avenue	0	165	36.16
SFR - West of Project Site, across Normandie Avenue and behind	-10	295	21.11

<sup>a</sup> Distance is from receptor to project parking entrance





**Rooftop HVACs:**

6-ton HVAC unit:

Sound Pressure level (dBA): 82  
Reference Distance (ft): 3

Project HVAC Unit Quantity: 5

Receptor	Distance (ft.) to each HVAC Unit	Noise Attenuation <sup>a</sup>	Noise Level (dBA Leq)
SFR - North of Project site, across W 58th Street	261.73	-5	38.19
	296.52	-5	37.10
	356.27	-5	35.51
	451.00	-5	33.46
	525.86	-5	32.13
		<b>Total:</b>	<b>42.81</b>
MFR - Northwest of Project site, across Normandie Avenue	341.32	-5	35.88
	530.85	-5	32.04
	730.62	-5	29.27
	935.48	-5	27.12
	1135.40	-5	25.44
		<b>Total:</b>	<b>38.56</b>
SFR - West of Project Site, across Normandie Avenue and behind commercial use	500.90	-5	32.55
	715.63	-5	29.45
	925.49	-5	27.22
	1135.40	-5	25.44
	1340.34	-5	24.00
		<b>Total:</b>	<b>35.80</b>
SFR - South of Project Site, across Slauson Avenue	480.94	-5	32.90
	271.66	-5	37.86
	118.85	-5	45.04
	197.29	-5	40.64
	386.17	-5	34.81
		<b>Total:</b>	<b>47.37</b>
SFR - East of Project Site, across Budlong Avenue	271.66	-5	37.86
	475.95	-5	32.99
	685.66	-5	29.82
	890.51	-5	27.55
	1110.41	-5	25.63
		<b>Total:</b>	<b>40.00</b>

<sup>a</sup> Accounts for noise attenuation from structural parapet.



**Residential Outdoor Amenity Areas**

	Male	Female	Children
Voice Level	(dBA Leq) <sup>a</sup>	(dBA Leq) <sup>a</sup>	(dBA Leq) <sup>a</sup>
Casual	53	50	53
Normal	58	55	58
Raised	65	62	65
Loud	75	71	74
Shout	88	82	82

<sup>a</sup> Noise level measured at 1 meter

Source: Cyril M. Harris. 1998. *Handbook of Acoustical Measurements and Noise Control*, Third Edition. McGraw-Hill, Inc.  
 U.S. EPA. 1977. *Speech Levels in Various Noise Environments* (EPA-6700/1-77-025). May.

**Project On-Site Noise Sources:**

Child Care Center Outdoor Play Area

Total number of children: 20 (Anticipated that up to 20 children may gather in play area at one time)

Number of children talking simultaneously: 10

Receptor	Distance to Noise Source	Source	Leq @ 1 meter (3.28 ft.), dBA	Number of Sources	Estimated Noise Level (dBA Leq) at 1 meter (3.23 ft.)	Barrier Attenuation	Combined Leq @ Receptor, dBA
SFR - East of Project Site, across Budlong Avenue	200	Children raised voice	65	5	71.99	10	40.405039
		Children loud voice	74	3	78.77		
		Children Shouting	82	2	85.01		

This spreadsheet calculates traffic noise levels based on TNM Version 2.5 Lookup Tables.

**\*\* Type in yellow cells only.**

<b>Traffic Data:</b>	<b>Units:</b>
<input checked="" type="checkbox"/> Enter ADT Traffic	<input type="checkbox"/> Metric
<input checked="" type="checkbox"/> Enter Loudest-hour Traffic	<input checked="" type="checkbox"/> English

**Calculate**



Link	Roadway	Segment Location	Hard or Soft Ground (H or S)	BARRIER			Total Daily Traffic Volumes (ADT)	Traffic Mix		Vehicle Speed mph max. 80	Sound Levels at Receiver Locations	
				Present 1=yes	Height min. 7 ft. max. 32 ft.	Distance 35 ft. or 100 ft.		Number #	Description		Distance feet, min. 33 max. 1000	dB CNEL
1	Normandie Avenue (Existing)	North of Slauson Avenue	H				23,160	1	Generic - Arterial Roadway	30	50	66.4
2	Normandie Avenue (Existing)	South of Slauson Avenue	H				22,030	1	Generic - Arterial Roadway	30	50	66.2
3	Budlong Avenue (Existing)	North of Slauson Avenue	H				3,740	4	Generic - Local (From Local Roadway)	25	50	57.2
4	Budlong Avenue (Existing)	South of Slauson Avenue	H				2,580	4	Generic - Local (From Local Roadway)	25	50	55.7
5	Slauson Avenue (Existing)	West of Normandie Avenue	H				18,700	1	Generic - Arterial Roadway	30	50	65.5
6	Slauson Avenue (Existing)	East of Normandie Avenue	H				18,730	1	Generic - Arterial Roadway	30	50	65.5
7	Slauson Avenue (Existing)	West of Budlong Avenue	H				19,110	1	Generic - Arterial Roadway	30	50	65.6
8	Slauson Avenue (Existing)	East of Budlong Avenue	H				18,850	1	Generic - Arterial Roadway	30	50	65.5
9	Normandie Avenue (Future w/o Project)	North of Slauson Avenue	H				23,400	1	Generic - Arterial Roadway	30	50	66.4
10	Normandie Avenue (Future w/o Project)	South of Slauson Avenue	H				22,240	1	Generic - Arterial Roadway	30	50	66.2
11	Budlong Avenue (Future w/o Project)	North of Slauson Avenue	H				3,780	4	Generic - Local (From Local Roadway)	25	50	57.2
12	Budlong Avenue (Future w/o Project)	South of Slauson Avenue	H				2,600	4	Generic - Local (From Local Roadway)	25	50	55.7
13	Slauson Avenue (Future w/o Project)	West of Normandie Avenue	H				18,970	1	Generic - Arterial Roadway	30	50	65.5
14	Slauson Avenue (Future w/o Project)	East of Normandie Avenue	H				18,990	1	Generic - Arterial Roadway	30	50	65.5
15	Slauson Avenue (Future w/o Project)	West of Budlong Avenue	H				19,370	1	Generic - Arterial Roadway	30	50	65.6
16	Slauson Avenue (Future w/o Project)	East of Budlong Avenue	H				19,110	1	Generic - Arterial Roadway	30	50	65.6
17	Normandie Avenue (Future w/ Project)	North of Slauson Avenue	H				23,490	1	Generic - Arterial Roadway	30	50	66.5
18	Normandie Avenue (Future w/ Project)	South of Slauson Avenue	H				22,280	1	Generic - Arterial Roadway	30	50	66.2
19	Budlong Avenue (Future w/ Project)	North of Slauson Avenue	H				3,840	4	Generic - Local (From Local Roadway)	25	50	57.3
20	Budlong Avenue (Future w/ Project)	South of Slauson Avenue	H				2,620	4	Generic - Local (From Local Roadway)	25	50	55.7
21	Slauson Avenue (Future w/ Project)	West of Normandie Avenue	H				19,040	1	Generic - Arterial Roadway	30	50	65.6
22	Slauson Avenue (Future w/ Project)	East of Normandie Avenue	H				19,070	1	Generic - Arterial Roadway	30	50	65.6
23	Slauson Avenue (Future w/ Project)	West of Budlong Avenue	H				19,510	1	Generic - Arterial Roadway	30	50	65.7
24	Slauson Avenue (Future w/ Project)	East of Budlong Avenue	H				19,170	1	Generic - Arterial Roadway	30	50	65.6
25	Construction	All segments	H				226	13	Construction Traffic	30	50	56.5

## Construction Traffic

Construction Phase:                      dB CNEL  
Construction:                                56.5

Roadway	Segment Location	Existing Traffic Noise, dBA CNEL	Construction Traffic Noise, dBA CNEL	Existing + Construction, dBA CNEL	Increase over Ambient, dBA CNEL
	East of Normandie Avenue	65.5	56.5	66.0	0.5
Slauson Avenue	West of Budlong Avenue	65.6	56.5	66.1	0.5
	East of Budlong Avenue	65.5	56.5	66.0	0.5

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[Home](#) / Carrier 6 Ton, 12.0 EER WeatherMaster Package RTU Gas Heat/Elec Cool, Low Gas Heat, 460/3

# Carrier 6 Ton, 12.0 EER WeatherMaster Package RTU Gas Heat/Elec Cool, Low Gas Heat, 460/3

Item: 48HCDA07A2A60A0A0



Please **Login** or **Register** to view pricing and inventory.





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**Specifications**



**Electrical**

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<b>Amps</b>	0.14
<b>FLA</b>	0.8
<b>Hertz</b>	60
<b>LRA</b>	66
<b>MOCP</b>	20
<b>Phase</b>	3
<b>RLA</b>	8.2
<b>Voltage</b>	460

**Specification**

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<b>Heat Exchanger Type</b>	Aluminum
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<b>High Pressure Switch</b>	Yes
<b>IEER</b>	13
<b>Ignition Type</b>	Direct-Spark
<b>Low Pressure Switch</b>	Yes
<b>Maximum SEER</b>	12
<b>Metering Device</b>	TXV
<b>Net Cooling Capacity</b>	73000
<b>Refrigerant</b>	R-410A
<b>Rows</b>	3
<b>Rows/FPI</b>	15
<b>Sound Level</b>	82
<b>Tonnage</b>	6
<b>Condenser Motor HP</b>	1/4
<b>Blower Motor Type</b>	Belt
<b>Blower Speeds</b>	1
<b>Blower Wheel</b>	15 X 15



<b>BTU Output</b>	41000/59000
<b>CFM</b>	2400
<b>Compressor Type</b>	Scroll
<b>Condensate Connection Size</b>	3/4
<b>Condenser Motor Type</b>	Direct
<b>Condenser RPM</b>	1100
<b>Cooling Stages</b>	1
<b>EER</b>	12
<b>Filter Size</b>	16x20x2
<b>Gas Connection Size</b>	1/2 NPT

## Safety Standards

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<b>California Prop 65</b>	Yes
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## Weights and Dimensions

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<b>Operating Weight (lbs)</b>	765
<b>Exterior Dimensions (D) (inches)</b>	59.5000
<b>Exterior Dimensions (W) (inches)</b>	88.1300

**Exterior Dimensions (H) (inches)** 41.2500

**Shipping Weight (lbs)** 765.0000

## Warranty

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**Compressor Warranty** 5 Year

**Parts Warranty** 1 Year

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# Quiet Connect™ Series RS40



## Features and benefits

**Robust product design and testing** - The generator is designed to operate under extreme environmental conditions including cold weather starts at as low as -40 °F. The generator is tested and certified per the latest EPA, UL and IBC Seismic standards and is capable of meeting NFPA110 requirements when equipped with the necessary accessories and properly installed.

**Flexible Exercise mode** - The innovative, flexible exercise mode enables the generator to exercise at a time, frequency and duration that suits the customer's preference - as little as 2 minutes every 6 months - reducing unnecessary fuel consumption, emissions and noise.

**Advanced Enclosure Design** - The aesthetically appealing enclosure incorporates special designs that deliver the quietest generator of its kind. Aluminum material plus durable powder coat paint provides the best anti-corrosion performance. The generator set enclosure has been evaluated to withstand 180 MPH wind loads in accordance with ASCE7-10. The intelligent design has removable panels and service doors to provide easy access for service and maintenance.

**Self diagnostics and easy service** - The generator is equipped with Cummins PowerCommand electronic control to provide industry-leading self diagnostic capabilities. In addition, critical components of the generator are designed to ensure service and preventive maintenance can be completed in a short period of time.

## Weight, size and sound level

**Weight:** 1356 lbs (615 kg)

**Size:** Length 94 in (2388 mm), width 34 in (864 mm), height 45.5 in (1156 mm)

**Sound:** 63 dB(A) at 23 ft (7 m) with sound level 2 enclosure

Series	Model	Phase	Voltage (V)	Frequency (Hz)	Rated amps <sup>1</sup> (NG/LPV fuel)	Circuit breaker (Amps)
RS40	C40 N6	1	120/240	60	166.7/166.7	200
		3	120/208	60	138.8/138.8	175
		3	120/240	60	120.4/120.4	150
		3	277/480	60	60.2/60.2	80

<sup>1</sup> Derating guidelines: Engine power available up to 114m (375 ft) at ambient temperatures up to 40 °C (104 °F). Above these elevations derate at 4% per 305m (1000 ft) and 2% per 10 °C above 40 °C (104 °F).

## Product features

### Engine

- Natural gas/propane 1800 rpm engine
- Engine air cleaner – normal duty
- Electronic governor, isochronous
- Engine starter, 12 VDC motor
- Shutdown – low oil pressure
- Extension – oil drain
- Engine oil

### Fuel System

- Single fuel – natural gas or propane vapor, field selectable

### Alternator

- 60 Hz, 1 phase, 4 lead, or 3 phase, 12 lead, 120 °C temperature rise at 40 °C ambient
- Exciter/voltage regulator – torque match

### Control

- PowerCommand 1.1
- Display language – English
- Control mounting, right facing

### Electrical

- Single circuit breaker, UL certified, right-side mounted
- Battery charging alternator, normal duty
- Battery charger – 6 Amp, regulated

### Cooling

- Generator set cooling capability – 50 °C
- Shutdown – low coolant level
- Engine coolant – 50/50 mixture
- Extension – coolant drain

### Enclosure

- Aluminum enclosure Sound Level 1 with muffler installed, sandstone color
- Wind rating – 180 MPH

### Code compliance

- UL 2200
- EPA emissions, emergency, stationary, 40CFR60
- IBC Seismic
- NFPA110 capable

### Generator set application

- Coolant heater
- Crank case vent heater
- Large battery rack
- Flexible fuel line
- Literature (English) – operator's manual, installation quick guide and manual, service manual

### Warranty

- Base warranty – 2 year standby
- Extended warranties available

### Packaging

- Shipping pallet, poly bag

## Generator set performance

**Governor regulation class:** ISO 8528 Part 1 Class G3

**Voltage regulation, no load to full load:**  $\pm 1.0\%$

**Random voltage variation:**  $\pm 1.0\%$

**Frequency regulation:** Isochronous

**Random frequency variation:**  $\pm 0.25\%$  @ 60 Hz

**Radio frequency emissions compliance:** FCC code Title 47 part 15 Class B

### Engine

**Design:** Turbo with after cooler

**Bore:** 86.5 mm (3.4 in)

**Stroke:** 100.0 mm (3.94 in)

**Displacement:** 2.4 liters (143.5 in<sup>3</sup>)

**Cylinder block:** Cast iron, in-line 4 cylinder

**Battery capacity:** 550 amps at ambient temperature of 0 °F to 32 °F (-18 °C to 0 °C)

**Battery charging alternator:** 50 amps

**Starting voltage:** 12 volt, negative ground

**Lube oil filter type(s):** Spin-on with relief valve

**Standard cooling system:** 50° C (122° F) ambient cooling system

**Rated speed:** 1800 rpm

### Fuel supply pressure

**Minimum fuel supply pressure, kPa**

**(in H<sub>2</sub>O):** 1.5 (6.0)

**Maximum fuel supply pressure, kPa**

**(in H<sub>2</sub>O):** 3.5 (14.0)

### Control system

The PowerCommand® electronic control is standard equipment and provides total generator set system integration including automatic remote starting/stopping, precise frequency and voltage regulation, alarm and status message display, output metering, auto-shutdown at fault detection and NFPA 110 Level 1 compliance.

### Sound attenuated enclosure

The aesthetically appealing enclosure incorporates special designs that deliver the quietest generator of its kind. Aluminum material plus durable powder coat paint provides the best anti-corrosion performance. The generator set enclosure has been evaluated to withstand 180 MPH wind loads in accordance with ASCE7-10. The intelligent design has removable panels and service doors to provide easy access for service and maintenance.

## Average fuel consumption

### Fuel consumption – natural gas

Load:	1/4	1/2	3/4	Full
Ft <sup>3</sup> /hr:	209.5	304.7	409.5	519.0
M <sup>3</sup> /hr:	5.9	8.5	11.5	14.5

### Fuel consumption – LP vapor

Load:	1/4	1/2	3/4	Full
Ft <sup>3</sup> /hr:	83.0	121.7	166.0	193.6
M <sup>3</sup> /hr:	2.3	3.4	4.6	5.4
Gal/hr	2.3	3.4	4.6	5.4

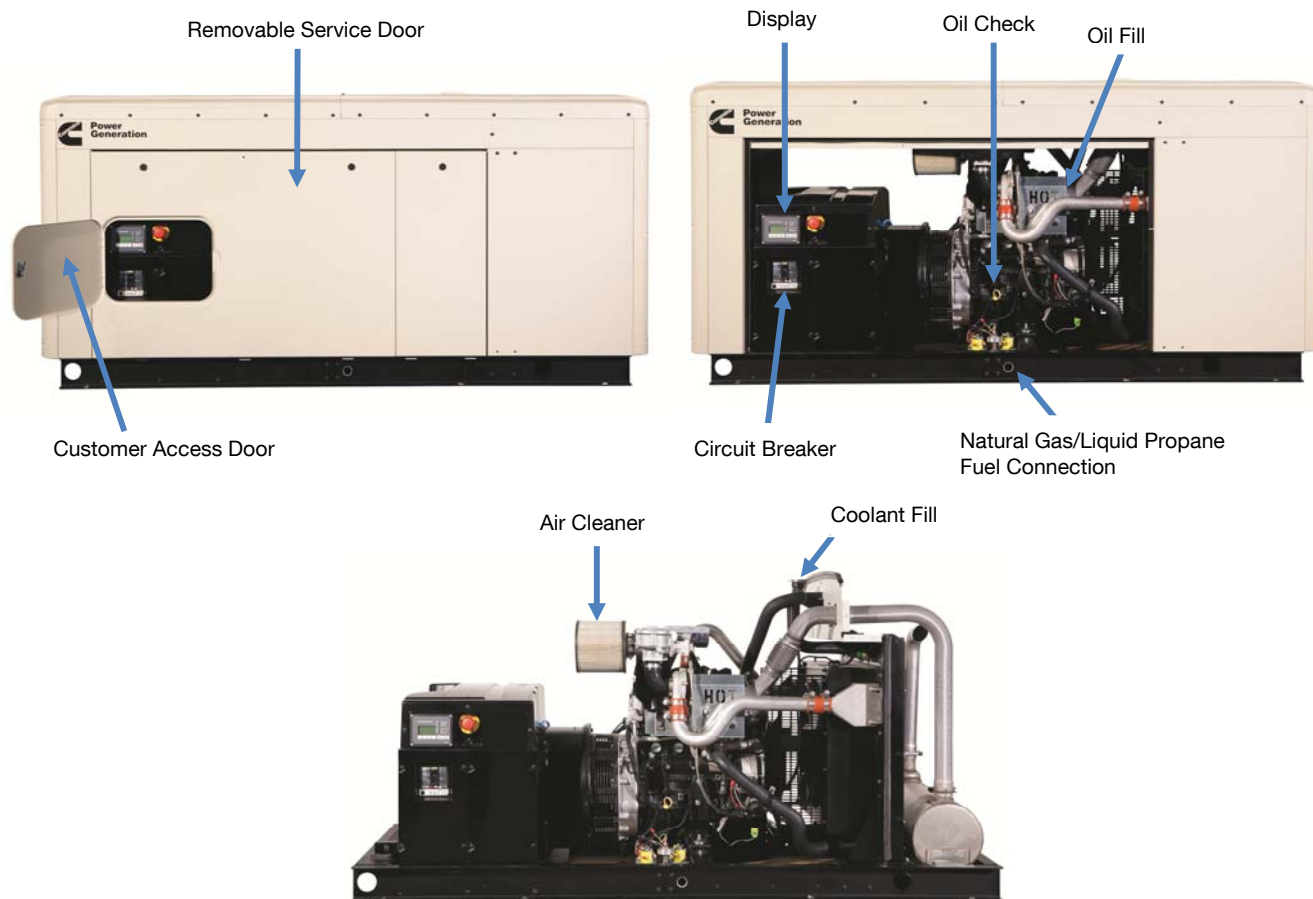
#### Conversion factor:

8.58 ft<sup>3</sup> = 1 lb

0.535m<sup>3</sup> = 1 kg

36.39 ft<sup>3</sup> = 1 gal

## Easy service and installation

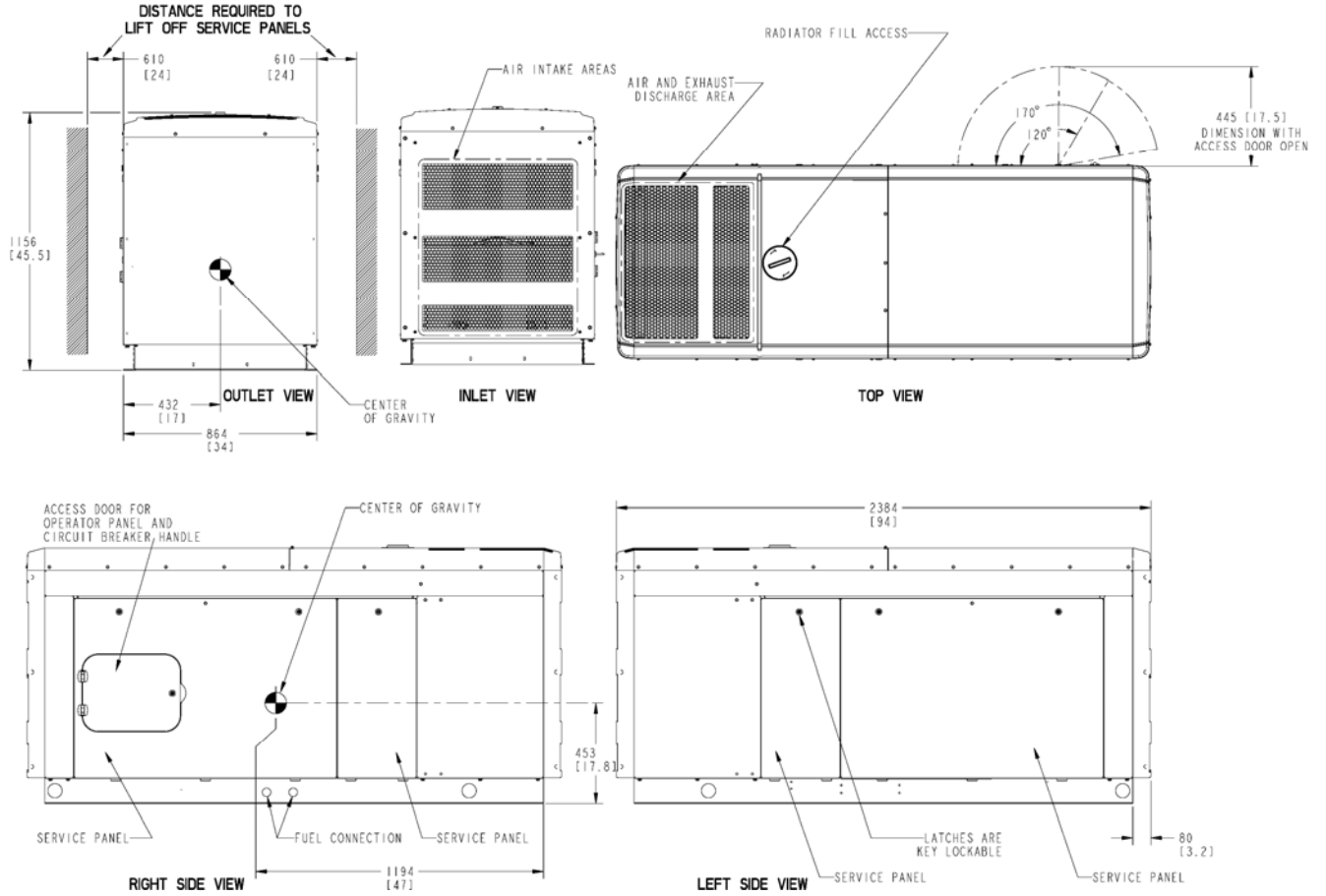


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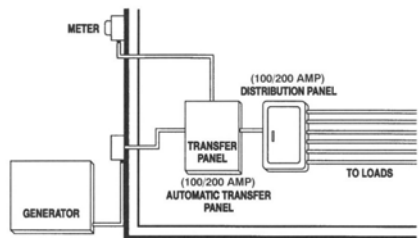
[power.cummins.com](http://power.cummins.com)

## Basic dimensions

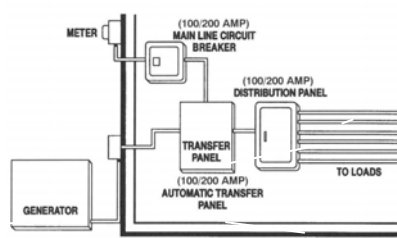


**Note:** This outline drawing is provided for general reference only and is not intended for use in design or installation. For more information, see Operators and Installation manuals or contact your distributor or dealer for assistance.

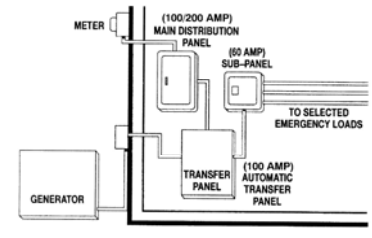
## Automatic transfer panel configurations



**Typical service entrance ATS model installation (100/200A)**



**Typical non-service entrance ATS model installation (100/200A)**



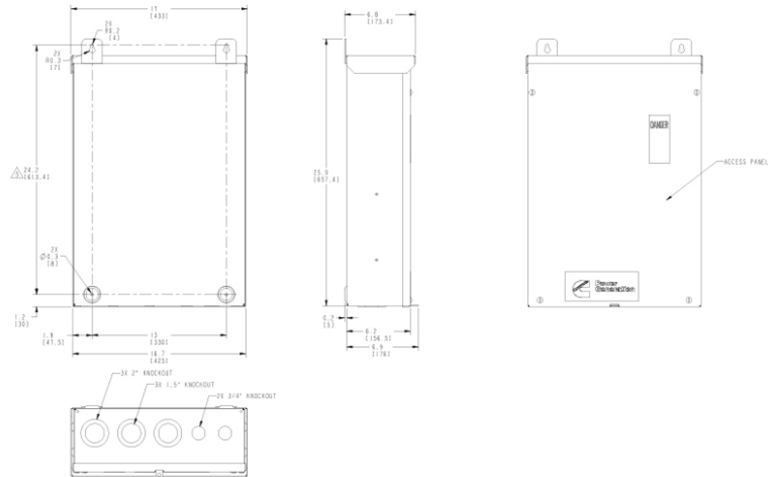
**Dedicated emergency standby service system (100/200A)**

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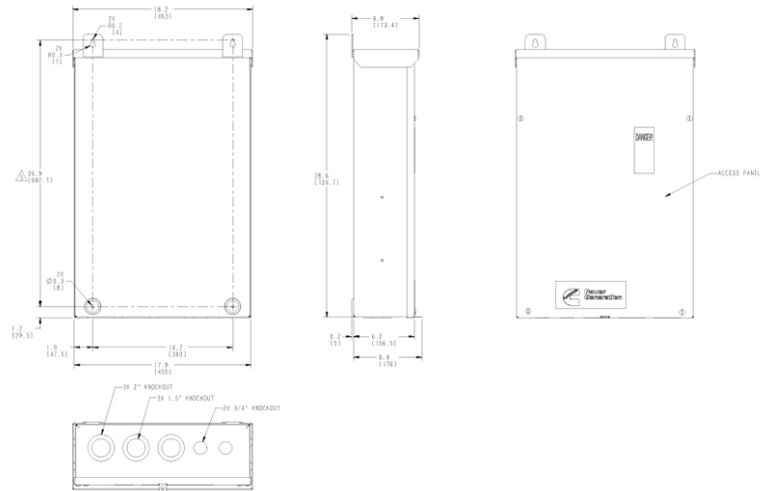
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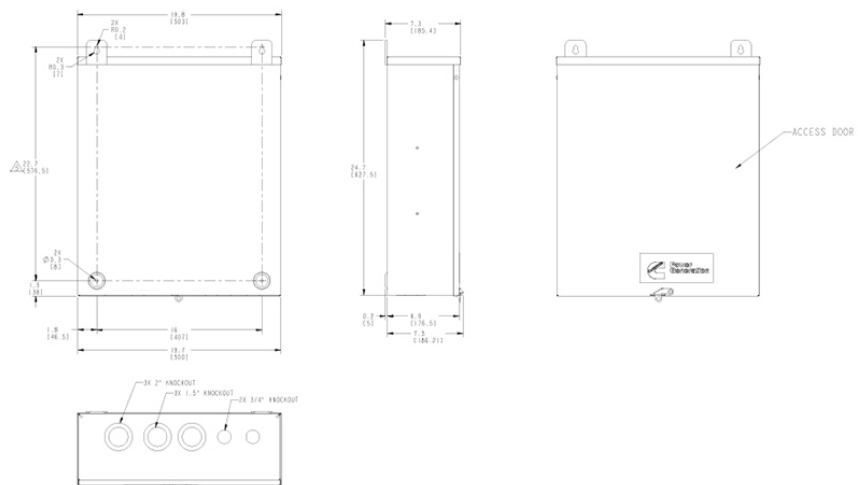
## 100A RA Series Automatic Transfer Switch (ATS) Non-service entrance



## 200A RA Series Automatic Transfer Switch (ATS) Non-service entrance



## 100A and 200A RA Series Automatic Transfer Switch (ATS) Service entrance



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## Accessories

- HMI211RS in-home display, including pre-configured 12" harness
- HMI211 remote display, including pre-configured 12" harness
- HMI220 remote display
- Auxiliary output relays (2)
- Auxiliary configurable signal inputs (8) and relay outputs (8)
- Annunciator – RS485
- Internet monitoring device – PowerCommand 500
- Battery chargers – stand-alone, 12V
- Enclosure Sound Level 1 to Sound Level 2 upgrade kit
- Enclosure paint touch up kit
- Base barrier – elevated generator set
- Alternator heater
- Maintenance and service kit
- Engine lift kit



**A WARNING:**

Standby rating based on: Applicable for supplying emergency power for the duration of normal power interruption. No sustained overload capability is available for this rating. (Equivalent to fuel stop power in accordance with ISO3046, AS2789, DIN6271 and BS5514.) nominally rated. See T030.

**A WARNING:**

Back feed to a utility system can cause electrocution and/or property damage. Do not connect to any building electrical except through an approved device or after building main breaker is open.

## Transfer switch (sold separately)

- Automatic Transfer Switches available in various amperages.
- Service Entrance models are also available, which helps reduce the installation cost.
- All models UL listed to UL 1008 standard.
- Available for both Indoor and Outdoor applications.
- Compatibility with Cummins generator set helps reduce the installation time for the complete application.

## Warranty policy

The Cummins RS and RX liquid cooled generator set models come with a 2 year base warranty when used in EPA-Stationary Emergency application. The RA series Automatic Transfer Switches come with a 2 year base warranty. Extended warranty options are available. Please contact Cummins dealers/distributors for details.

## After sale support

### Largest distributor/dealer support network

Cummins Power Generation generator sets are supported by the largest and best trained worldwide certified distributor/dealer network in the industry. The network of knowledgeable and highly trained dealers will help you select the right generator for your application and advise you on associated accessories for your generator. The dealer network can also help answer any questions you may have regarding operation and maintenance requirements of the generators. This same network offers a complete selection of commonly used generator set maintenance parts, manuals and specification sheets.

**Manuals:** Operation and installation manuals ship with the generator set. To obtain additional copies or other manuals for this model, see your distributor/dealer. To easily locate the nearest certified distributor/dealer for Cummins generators in your area, or for more information, contact us at 1-800-344-0039 or visit [power.cummins.com](http://power.cummins.com).

**Contact your distributor/dealer for more information.**

North America  
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Appendix C  
**Construction Vibration Levels**

---



### Construction Vibration Analysis - Potential Building Damage

Vibration attenuation constant (n):		1.1						
Equipment Item	Reference PPV at 25 feet, in/s <sup>a</sup>	Building Category:	Extremely fragile historic buildings, ruins, ancient monuments	Fragile buildings	Historic and some old buildings	Older residential structures	New residential structures	Modern industrial/commercial buildings
		Vibration Damage Impact Criteria, PPV, in/s:	0.08	0.1	0.25	0.3	0.5	0.5
Large bulldozer <sup>b</sup>	0.089	Distance to Impact	28	23	10	9	6	6
Small bulldozer <sup>c</sup>	0.003	Criteria, feet:	2	2	1	1	1	1

<sup>a</sup> Obtained from "Transportation and Construction Vibration Guidance Manual", Caltrans 2013

<sup>b</sup> Considered representative of other heavy earthmoving equipment such as excavators, graders, backhoes, etc.

<sup>c</sup> Considered representative of smaller equipment such as mini excavators.

### Construction Vibration Analysis - Human Response, Distance to Criteria

Vibration attenuation constant (n):		1.1				
Equipment Item	Reference PPV at 25 feet, in/s <sup>a</sup>	Perceptibility:	Barely perceptible	Distinctly perceptible	Strongly perceptible	Severe
		Vibration Damage Impact Criteria, PPV, in/s:	0.01	0.04	0.1	0.4
Large bulldozer <sup>b</sup>	0.089	Distance to Impact	183	52	23	7
Small bulldozer <sup>c</sup>	0.003	Criteria, feet:	9	3	2	1

<sup>a</sup> Obtained from "Transportation and Construction Vibration Guidance Manual", Caltrans 2013

<sup>b</sup> Considered representative of any full size/large excavator, dozer, backhoe, etc.

<sup>c</sup> Considered representative of any small excavator, dozer, backhoe, etc.

**Construction Vibration  
Analysis**

Receiver	Acoustical Center Distance	Large Mobile <sup>1</sup>			Small Mobile <sup>2</sup>		
		Predicted PPV, in/sec	Building Damage?	Human Response	Predicted PPV, in/sec	Building Damage?	Human Response
Reference Location	25	0.089	N/A (for reference only)	N/A (for reference only)	0.003	N/A (for reference only)	N/A (for reference only)
SFR - North of project site, across W 58th Street	246	0.007	No	Below barely perceptible	0.000	No	Below barely perceptible
MFR - Northwest of Project site, across Normandie Avenue	198	0.009	No	Below barely perceptible	0.000	No	Below barely perceptible
SFR - West of Project Site, across Normandie Avenue and behind commercial use	300	0.006	No	Below barely perceptible	0.000	No	Below barely perceptible
SFR - South of Project Site, across Slauson Avenue	97	0.020	No	Barely perceptible	0.001	No	Below barely perceptible
SFR - East of Project Site, across Budlong Avenue	88	0.022	No	Barely perceptible	0.001	No	Below barely perceptible
Existing industrial/commercial uses directly north of Project Site.	27	0.082	No	Distinctly perceptible	0.003	No	Below barely perceptible

<sup>1</sup> Considered representative of any full size/large excavator, dozer, backhoe, etc.

<sup>2</sup> Considered representative of any small excavator, dozer, backhoe, etc.

Historical Document Review  
Slauson Connect Recreation Center Project  
5820 Normandie Avenue  
Los Angeles, California

ICF International  
555 West 5<sup>th</sup> Street, Suite 3100 | Los Angeles, California 90013

March 25, 2021 | Project No. 209403019



Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS



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555 West 5<sup>th</sup> Street, Suite 3100 | Los Angeles, California 90013

March 25, 2021 | Project No. 209403019

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DWF/PJC/JJR/sc

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# 1 INTRODUCTION

Ninyo & Moore was retained by ICF International (herein referred to as the client) to perform a review of historical and available environmental documents review for the proposed location of a new Recreation and Community Center building at 5820 Normandie Avenue in Los Angeles, California (hereinafter referred to as the site; Figure 1). We understand the Project will preliminarily consist of construction of a new three-story 20,000 square-foot multi-use facility building, containing conference rooms, multipurpose classrooms, career and social counseling center, community room, facility support space, and an extensive green roof. The area of the proposed Recreation and Community Center is currently a lot undergoing development, north of Slauson Avenue, between South Budlong and South Normandie Avenues. The following sections discuss the purpose, the involved parties, the scope of services, and the limitations and exceptions associated with the historical document review.

## 1.1 Purpose

The purpose of this historical document review was to evaluate the likelihood of hazardous substances that may be present in soil, soil vapor, or groundwater beneath the site as a result of past and present on-site or off-site activities. To evaluate the likelihood of encountering hazardous substances during construction activities, Ninyo & Moore performed a limited evaluation of properties adjoining the site. A limited ASTM International (ASTM) 2013 standard was used to evaluate the site, which did not include a site visit, interviews or user questionnaires. A database radii search of 1-mile was used to assess potential impacts to the site.

## 1.2 Scope of Services

Ninyo & Moore's scope of services for this historical document review consisted of the activities listed below.

- Reviewed physical setting and background information.
- Reviewed federal, state, tribal, and local regulatory agency databases for the site and for properties located within a specified radius of the site.
- Reviewed historical information for the site, such as historical aerial photographs, historical topographic maps, reverse street directories, and Sanborn fire insurance maps.
- Reviewed other documents provided from third party sources, as available.
- Prepared this report, summarizing findings and providing opinions and conclusions regarding recognized environmental conditions (RECs) at the site.

### 1.3 Approach

The emphasis of our evaluation included on-site and off-site properties which adjoin the site. The properties were evaluated according to the degree of impact as follows:

- **Considered Free of Significant Hazardous Waste** – Property which uses or stores hazardous materials but with no significant violations, known releases, or evidence of inadequate chemical-handling practices. Example properties would be fully-licensed and maintained, active underground storage tank (UST) or dry cleaning facilities with no documented releases or properties that are not adjacent to the site and remediation of previous releases had been conducted.
- **Further evaluation is needed** – Property with potential or suspected impact within the area of the project. Examples of properties in this category would be leaking UST (LUST) properties in the vicinity of the site that are in the last stages of remediation or in post-remediation monitoring. LUST properties adjacent to the site are considered to be in this category, regardless of case status (unless ranked higher), as deed restrictions may exist for closed LUST cases. A second example would be a property within or adjoining the site with known use or storage of hazardous materials which had received violation notices from an inspecting agency or where visual evidence of inadequate chemical and storage practices (such as significant staining) were observed but where no environmental assessments had occurred. Also included in this category are facilities within or adjoining the site where USTs were suspected to have been present, but seemed to be abandoned by their former operators.
- **Contamination Indicated on Property** – Property with known or probable contamination within the area of the project. An example of a property in this category would be a LUST property where remediation had not been started or was not yet finished.

### 1.4 Significant Assumptions

Ninyo & Moore assumes the information sources from the third-party environmental database vendor and regulatory agencies utilized for this report provided adequate and accurate information. Other significant assumptions were not made during the preparation of this report.

### 1.5 Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard of care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. No site visit was conducted as part of this study.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

The findings, opinions, and conclusions are based on an analysis of the referenced literature. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control. Ninyo & Moore cannot warrant or guarantee that not finding indicators of any particular hazardous material means that this particular hazardous material or any other hazardous materials do not exist on the site. Additional research, including invasive testing, can reduce the uncertainty, but no techniques now commonly employed can eliminate the uncertainty altogether.

## **1.6 Special Terms and Conditions**

This study did not include an evaluation of geotechnical conditions or potential geologic hazards. In addition, unless otherwise indicated in this report, this historical document review does not include analysis of the following, which is not intended to be all-inclusive: asbestos-containing materials, methane gas, lead-containing surfaces, underground pipelines, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, or high voltage power lines.

## **1.7 User Reliance**

This report may be relied upon by, and is intended exclusively for, the client and its assigns. Any use or reuse of the findings, opinions, and/or conclusions of this report by parties other than these is undertaken at said parties' sole risk.

## **1.8 Involved Parties**

Mr. Dennis Fee, Project Engineer, performed historical research and document review. Mr. Patrick Cullip, Project Engineer, and Mr. John Jay Roberts, Principal Geologist, performed quality review.

## **2 SITE DESCRIPTION**

The following table provides a general description of the subject site.

General Site Setting	Description
Location	The site is located at 5820 Normandie Avenue in Los Angeles, California (Figure 1).
Assessor Parcel No.	5002-015-900 (County of Los Angeles)
Property Owner	Los Angeles County Metropolitan Transportation Authority (based on review of Environmental Data Resources, Inc. (EDR)-provided information)
Size (approximate)	2.3 acres (approximate) and approximately 1,250 feet long (east-west) by 80 feet wide (north-south).
Site Use / Occupants	The site is currently unoccupied and is under development.
Structures	Major structures are not present on the site based on a review of Google Earth images and aerial photographs.
Roads	The site is bound to the south by Slauson Avenue, to the east by South Budlong Avenue, and to the west by South Normandie Avenue.
Heating and Cooling Systems	Based on Google Earth image, not present at the site.
Electricity Provider	Los Angeles Department of Water and Power
Sewer Disposal Provider	Los Angeles Sanitation & Environment (LASAN)
Potable Water Provider	Los Angeles Department of Water and Power
Natural Gas	The Southern California Gas Company
Site Vicinity Description	Based on Google Earth image, adjoining properties to the north and south of the site are primarily industrial, although the general site vicinity is composed of mostly residential properties.

### 3 RECORDS REVIEW

The following sections summarize records reviewed for the site.

#### 3.1 Standard Environmental Record Source - Environmental Database Search

A computerized, environmental information database search was performed by EDR on March 12, 2021. The search included federal, state, tribal, and local databases. A summary of the environmental databases searched, their corresponding search radii, and number of noted properties of potential environmental concern, is presented in the EDR report (Appendix A). The review was conducted to evaluate whether the site or properties within the site vicinity have been documented as having experienced significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects.

##### 3.1.1 Geocoded (Mapped) Listings

Properties within up to one-mile radius of the site were listed on various regulatory agency databases. The following table lists databases that were searched and the number of listings (excluding non-geocoded [unmapped] properties).

Database Name	Search Radius (mile)	Number of Listings
<b>Federal Databases</b>		
NPL (National Priority List)	1	0
Proposed NPL	1	0

**Table 2 – Summary of Database-Provided Information**

Database Name	Search Radius (mile)	Number of Listings
NPL LIENS (Federal Superfund Liens)	1	0
Delisted NPL	1	0
FEDERAL FACILITY (Federal Facility Site Information listing)	0.5	0
SEMS (Superfund Enterprise Management System; formerly Comprehensive Environmental Response Compensation and Liability Information System)	0.5	1
SEMS-ARCHIVE (Superfund Enterprise Management System Archive)	0.5	1
CORRACTS (facilities subject to Corrective action under RCRA)	1	0
RCRA-TSDF (hazardous waste treatment, storage, or disposal facilities)	0.5	0
RCRA-LQG (large quantity generator)	0.25	2
RCRA-SQG (small quantity generator)	0.25	8
RCRA-VSQG (very small quantity generator)	0.25	0
US ENGINEERING CONTROL (EC)	0.5	0
US INSTITUTIONAL CONTROL (IC)	0.5	0
ERNS (Emergency Notification System)	TP	0
<b>State/Tribal Databases</b>		
Brownfields	0.5	0
RESPONSE (State Response Sites, State- and Tribal-equivalent NPL)	1	0
ENVIROSTOR (The DTSC's Site Mitigation and Brownfields Reuse Program; CERCLIS-equivalent)	1	15
SWF/LF (Solid Waste Information System)	0.5	0
LUST (GeoTracker's Leaking Underground Fuel Tank Report)	0.5	4
SLIC (Spills, Leaks, Investigation and Cleanup database by the California Regional Water Quality Control Board)	0.5	0
UST (registered underground storage tanks [USTs])	0.25	11
AST (registered aboveground storage tanks [ASTs])	0.25	0
FEMA UST (Underground Storage Tank Listing)	0.25	0
VCP (Voluntary Cleanup Program Properties)	0.5	0
<b>Additional Environmental Databases</b>		
SWRCY (Recycling/Recovered Materials Processors Directory)	0.5	2
CERS Haz Waste	0.25	8
CERS Tanks	0.25	1
Hist UST (Historical UST Listing)	0.25	11
SWEEPS UST (Statewide Environmental Evaluation and Planning System UST Listing)	0.25	10
CA FID UST (California Facility Inventory Database UST Listing)	0.25	9
RCRA NonGen/ NLR	0.25	10
Cortese ("Cortese" Hazardous Waste & Substances Sites List)	0.5	4
Drycleaners	0.25	2
Hist Cortese (Hazardous Waste and Substance Site List)	0.5	1
EDR MGP	0.125	1
EDR Hist Cleaner	0.125	2
EDR Hist Auto (EDR Exclusive Historical Auto Stations)	0.125	7
<b>Notes:</b>		
DTSC – Department of Toxic Substances Control		
TP – Target Property		
LUST – Leaking Underground Storage Tank		
RCRA – Resource, Conservation, and Recovery Act		

The site was not listed on any of the searched databases. Off-site properties/facilities listed in the database report were evaluated as to their potential to impact soil, soil vapor, and/or groundwater at the site. To supplement the information in the EDR report, the State Water Resources Control Board (SWRCB) GeoTracker (SWRCB, 2020) and Department of Toxic Substances Control (DTSC) EnviroStor databases (DTSC, 2020) were reviewed. Information from the EDR database report and supplemental sources is included in the facilities of

potential concern summaries below. The following properties/facilities were interpreted to represent a potential environmental concern to the site, based on their proximity to the site, the nature of the database on which they are listed, and/or the assumed direction of the groundwater flow in the site vicinity (southeast).

**Table 3 – Summary of Off-Site Facilities of Potential Concern**

Facility Name/ Address	Distance/ Direction from Site (Approximation by EDR)	Database	Summary
<b>Palmer W R</b> 1360 W Slauson Ave	Adjoining to the south	EDR Hist Auto	Palmer W R was listed as a gasoline and oil service station in 1942. Additional information was not provided.
<b>Southwest Plating Company, LLC/ Low W L</b> 1344 W Slauson Ave	Adjoining to the south	SEMS RCRA-LQG EnviroStor Hist UST FINDS ECHO EMI WDS HWTS CERS Haz Waste HAZNET HAZMAT CERS Hist UST EDR Hist Auto	Southwest Plating was listed under the EnviroStor database as a cleanup case adjoining to the site to the south. According to the EnviroStor database, this facility has been in operation since 1943 and currently performs cadmium, chrome, nickel, and silver plating on aerospace fasteners. During an inspection in January 2000, Certified Unified Program Agency (CUPA) investigators observed a yellow residue on the ground surface next to the chromium plating tank. Follow-up samples in different hot spots exhibited elevated levels of metals and total cyanide. This facility has a status of Refer: EPA as of October 30, 2018. It was noted that a groundwater investigation has not been conducted at this facility. This facility was listed on the SEMS database as "SI Start Needed". Hazardous waste generated at this facility includes organic waste, alkaline solution, liquid with high levels of metals, and liquids with cyanides. This facility also contained a historical 405-gallon waste oil UST.
<b>Edmonds Chas</b> 1346 W Slauson Ave	Adjoining to the south	EDR Hist Auto	Edmonds Chas was listed as a historical automotive repair and service station in 1929. Additional information was not provided.
<b>Miller Walter</b> 1218 W Slauson Ave	Adjoining to the south	EDR Hist Auto	Miller Walter was listed as a historical automotive repair station in 1942. Additional information was not provided.
<b>Dirty Laundry Inc/ Town Wash Laundry</b> 1232 W Slauson Ave	Adjoining to the south	EDR Hist Cleaner RCRA SQG FINDS ECHO	Town Wash Laundry was listed as a dry cleaning plant between 2012 and 2014. Dirty Laundry Inc. was listed as a small quantity generator of hazardous materials in 1992.
<b>Foster Planning Mill</b> 1258 W 58 <sup>th</sup> St	Adjoining to the north	SWEEPS UST Hist UST CA FID UST HAZMAT WDS CIWQS CERS Hist UST NPDES HWTS	Foster Planning Mill was listed on multiple UST databases for a 250-gallon tank containing unleaded waste oil and a 280-gallon tank containing regular unleaded gasoline. This facility was also regulated under the National Pollutant Discharge Elimination System (NPDES) with the Regional Water Quality Control Board (RWQCB) for industrial storm water runoff. Violations due to late report submittals to the RWQCB were noted.
<b>Luther F L/ Slauson Auto Restoration</b> 1212 W Slauson Ave	Adjoining to the south	CERS Haz Waste HAZNET HAZMAT RCRA Nongen/NLR EDR Hist Auto	Luther F L was listed as a historical automotive repair shop from 1933 to 1995. Slauson Auto Restoration was listed as a generator of hazardous waste from 2005 to 2019. Violations noted included the failure to maintain manifests of hazardous waste disposal, and an inactive EPA ID number.
<b>MJW Inc DBA American Lab &amp; Systems/ Adesco Inc</b> 1328 W Slauson Ave	Adjoining to the south	HWTS CERS Haz Waste HAZNET HAZMAT CERS EnviroStor RCRA-SQG FINDS ECHO SEMS-Archive	American Lab & Systems (formerly Adesco Inc.), was listed on the EnviroStor database as a historical cleanup case. According to EnviroStor, waste oil and drums containing tetrachloroethylene (PCE) waste were removed in 1986. No further action was recommended due to no evidence of onsite disposal, releases, or past violations. The facility has a status of Refer: Other Agency as of August 31, 1995. American Labs, Inc. was also listed as a hazardous waste generator from 2001 to 2020. Waste included aqueous solutions and hydrocarbon solvents. Minor violations were noted including failure to submit elements of a hazardous materials business plan, failure to properly label waste oil drums, and failure to establish an emergency response/ contingency plan.

**Table 3 – Summary of Off-Site Facilities of Potential Concern**

Facility Name/ Address	Distance/ Direction from Site (Approximation by EDR)	Database	Summary
<b>Puritan Soft Water Laundry</b> 1348 W Slauson Ave	Adjoining to the south	EDR Hist Cleaner	Puritan Soft Water Laundry was listed as a historical laundry in 1924, 1929, and 1933. Additional information was not provided.
<b>All Roofing &amp; Building Material/ Allied Building Products Corp</b> 1212/1234/1318 W 58 <sup>th</sup> St/ W 58 <sup>th</sup> St	Adjoining to the north	SWEEPS UST CA FID UST HAZMAT CERS Hist UST UST HWTS Haznet	All Roofing & Building Material was listed as a generator of hazardous waste between 1993 and 1998. Hazardous waste included tank bottom waste with halogenated organics. This facility also contained two USTs: a 1,000-gallon gasoline and a 1,000-gallon diesel UST. Allied Building Products Corp. was listed as a generator of hazardous waste in 2016 and 2017. Violations noted included the failure to submit a hazardous materials business plan, failure to establish an adequate training program and emergency response plan, and the failure to report a release or threatened release to the unified program agency.
1226 W 58 <sup>th</sup> St	Adjoining to the north	UST	A historical UST was reported at 1226 W 58 <sup>th</sup> St. Further information was not provided.
<b>Rapid Anodizing Inc</b> 1216 W Slauson Ave	Adjoining to the south	HWTS CERS Haz Waste CERS HWTS Haznet Hazmat LA Co. Site Mitigation RCRA Nongen/NLR	Rapid Anodizing LLC was listed as a generator of hazardous wastes between 2006 and 2019. Hazardous wastes included organic solids, alkaline solution with metals, acidic liquid, and unspecified solvent mixtures. Violations noted included the failure to prepare hazardous waste management plans and annual reports, mislabeling of oil buckets, the failure to submit an emergency response plan, and the buildup of residue in secondary containment.

The reported historical presence of USTs, former drycleaners, and listed releases of volatile organic compounds (VOCs) indicate that the site may have been impacted by the adjoining properties listed above (i.e., a vapor encroachment condition [VEC]). Research of available records from for these facilities is recommended to evaluate the potential VEC for the site.

It is our opinion that there is a low likelihood that the listings for the other off-site properties listed in the database report represent a REC to the site at the current time. This opinion is based on one or more of the following factors:

- The nature of the database(s) on which the property is listed, and/or because the property was not listed on a database that reports unauthorized releases of hazardous substances;
- Reported regulatory agency status (i.e., case closed);
- Reported nature of the case (i.e., soil contaminated only);
- Reported distance of the property from the site; and/or
- Location of the property in relation to the site with respect to topography or expected groundwater flow direction (southeast).

### 3.1.2 Non-Geocoded (Unmapped) Listings

Unmapped properties are shown by EDR as Orphan Sites. Three unmapped facilities were included in the EDR Radius Map™ report. Based on our review of the unmapped listings,



two of the facilities are not within the applicable search radii and have a low likelihood to have negatively impacted the site. One of the facilities listed was the Metro Rail to River Project, which encompasses the railroad right-of-way (ROW) from West 67<sup>th</sup> Street and 11<sup>th</sup> Avenue to Slauson Avenue and Santa Fe Avenue. This stretch of ROW includes the site. The listing was under the EnviroStor and Voluntary Cleanup Program (VCP) databases for the agreement between the Los Angeles County Metropolitan Transportation Authority (Metro) and DTSC to perform sampling and soil removal activities along the railroad ROW. Activities mentioned on EnviroStor included various conference calls and work plans between April and December 2017 regarding recommendations for additional soil sampling and removal based on data comparison to screening levels. These documents have been requested but have not been received, apart from what is summarized in Section 3.4. The presence of a railroad ROW on the site is further discussed in Section 3.3.3.

### 3.2 Physical Setting

The following table summarizes topographic, geologic, and hydrogeological conditions in the vicinity of the site, based upon the referenced documents review and/or our visual reconnaissance of the site.

Physical Settings	Reference	Summary
Topography	A, B	The site elevation is approximately 140 feet above mean sea level (MSL). The site vicinity is relatively flat, with regional topography sloping gently to the southwest.
Geology	C,D	The site is located within the Downey Plain of the Los Angeles basin, which is bounded to the northwest by the Santa Monica Mountains, the northeast by the Merced and Puente Hills, the southwest by the Pacific Ocean, and to the southeast by the Orange County Boundary. The site is underlain by young Quaternary alluvium surficial sediments consisting of gravel, sand, and clay mainly derived from the Santa Monica Mountains.
Surface Water	E	The nearest surface water body is the Los Angeles River, a concrete-lined river channel located approximately 4.75 miles northeast of the site.
Groundwater	F,G	The site is located in the Central Groundwater Basin of the Los Angeles County Coastal Plain. Existing beneficial uses of the Central Basin include municipal, agricultural, and industrial use. On-site groundwater data was not available. The groundwater elevation was measured in December 2020 in 16 wells located at the Pizza Hut Site #11-7488 approximately 3,000 feet west of the site. Groundwater depth ranged between 14 to 26 feet below top of casing (at elevation approximately 107 to 119 feet amsl). Groundwater flow was interpreted to be generally towards to the southeast at an approximate gradient of 0.04 foot/foot.

**References:**

- A – Google Earth™
- B – United State Geological Survey, 2012, Inglewood Quadrangle, California 7.5 Minute Series
- C – Norris, Robert; Webb, Robert, 1990, Geology of California, Wiley, Second Edition
- D – Dibblee, T.W., Minch, J.A., 2007, Geologic map of the Venice and Inglewood quadrangles, Los Angeles County, California
- E – United States Fish and Wildlife Service National Wetlands Inventory, 2021, Wetlands Mapper website (<https://www.fws.gov/wetlands/data/mapper.html>) accessed in March.
- F – California Regional Water Quality Control Board Los Angeles Region, 2014, Water Quality Control Plan: Los Angeles Region Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties, September 11
- G – Frey Environmental, Inc, 2021, Fourth Quarter 2020 Groundwater Sampling and Corrective Action Site Status Update Report, Pizza Hut Site #11-7488, 1851 West Slauson Avenue, Los Angeles, California, dated January 8



### 3.3 Site Historical Use Information

Ninyo & Moore conducted a historical record search for the site. This included a review of city directories, historical fire insurance maps, historical aerial photographs, topographic maps, and building department records. The following sections summarize information obtained from the historical sources utilized for this assessment.

#### 3.3.1 City Directories

Available historical reverse street directories from 1920 through 2015 were researched by EDR. Entries under the site address of 5820 Normandie Avenue were not found. Adjoining properties to the north and south were listed as a mixture of residential and commercial properties. Commercial/industrial properties of note bordering the site to the north include the following:

- **1212 West 58<sup>th</sup> Street** – Lesco Material Corporation (1958, 1967, 1976, 1994, 1999, 2004, 2006, 2015), All Roofing & Building Materials (1967, 1970, 1975, 1976, 1980, 1985, 1991, 1994, 1995, 1999, 2006, 2009)
- **1258 West 58<sup>th</sup> Street** – Foster Planning Mill Co. (1958, 1967, 1976, 1994, 1999, 2004, 2006, 2009)
- **1318 West 58<sup>th</sup> Street** – All Roofing & Building Materials Corp (1958), Various Roofing Companies (1967, 1976), Bob Najiebs Hauling & Cleanup (1994), Jims Machine Shop (1994, 1999)
- **5810 Normandie Avenue** – S Normandie Sealy Mattress Co (1951), Various Furniture and Garment Stores (2000)

A full list of the City Directory Report provided in Appendix B.

#### 3.3.2 Sanborn® Fire Insurance Maps

Sanborn® Fire Insurance maps were provided for the site and vicinity for select years between 1922 through 1970. The Certified Sanborn Map Report is provided in Appendix B.

**Table 5 – Sanborn® Fire Insurance Maps Summary**

Date	Summary
1922 1923	The site was depicted as a ROW for the Atchison, Topeka, and Santa Fe (ATSF) Railroad Redondo Branch, north of West Slauson Avenue, East of S. Normandie Avenue, and west of Budlong Avenue. The site contained a main track and a side track connected to a platform. Adjoining to the north of the site was vacant land and a number of industrial properties including a couple sawmills, lumber storage yards, and woodworking shops. Adjoining to the south, beyond Slauson Avenue, were a number of residential structures, a sheet metal manufacturer, a steam laundry facility, and a lumber company. Adjoining to the east was vacant land, and to the west was lime & plaster storage. The ATSF ROW also continued in the east-west direction.
1950 1951	The site remained relatively unchanged. New facilities were developed adjoining to the north, including Sealy Mattress Co., "Ladies Heel Manufacturing", a sheet metal workshop, a roofing material warehouse and storage yard, and a new lumber mill. Residential properties were developed to the east. To the south, new commercial and industrial structures were developed including an auto parts rebuilding shop, an appliance repair and refinishing shop, and gasoline service stations at the southeast and southwest corners of Normandie Avenue and Slauson Avenue.

**Table 5 – Sanborn® Fire Insurance Maps Summary**

Date	Summary
1954	The on-site railroad platform was no longer present. A new roofing and building material warehouse replaced the ladies heel manufacturing plant.
1957	A beer warehouse was added to the north adjoining the site. A lumber mill was removed adjoining the site to the north.
1958	The Sealy Mattress Co. was replaced with a record company.
1959	A building material warehouse and storage yard was depicted adjoining the site to the west across from Normandie Avenue. A roofing and insulation warehouse was erected adjoining the site to the north.
1960	
1961	
1966	The beer warehouse and sheet metal shop adjoining the site to the north was replaced with van storage.
1968	
1969	A number of commercial/industrial properties were depicted adjoining the site to the south, beyond Slauson Avenue, including an auto waxing shop, laundry cleaner, metal plating shops, an electric motor repair shop, and a parts reassembly shop. A number of residential structures were also developed.
1970	

### 3.3.3 Historical Aerial Photographs

Historical aerial photographs were provided by EDR for select years from 1923 through 2016. A 2020 aerial photograph was reviewed online using Google Earth™. A listing of the photographs reviewed and summary of notable observations from the photograph review are provided in the table below. EDR-provided aerial photographs are included in Appendix B.

**Table 6 – Aerial Photographs Summary**

Date	Source	Site Summary	Site Vicinity Summary
1923	A	The site was depicted with railroad tracks, rail vehicles, and a small railroad station.	Adjoining the site to the east, beyond S. Budlong Avenue, was an empty field. Adjoining the site to the south was Slauson Avenue, beyond which were residential properties. Adjoining the site to the north and west were commercial and industrial properties.
1928	A	The site was similar to that observed in the 1923 aerial photograph.	Residential structures were being developed to the east. Commercial and industrial structures were developed to the north of the site.
1938			
1947	A	The railroad station was removed from the site.	The site vicinity was depicted similar to that observed in the 1947 aerial photograph.
1952	A	The site was depicted similar to that observed in the 1964 aerial photograph.	A large commercial building was developed adjoining the site to the north.
1954			
1964	A	An area of potential dark-stained soil is present on the western portion of the site near a rail vehicle.	The site vicinity was depicted similar to that observed in the 1964 aerial photograph.
1970	A	Area of staining no longer present. A white line indicating fresh pavement and painting along the tracks was present on the site.	The site vicinity was depicted similar to that observed in the 1970 aerial photograph.
1979	A	A soil stockpile was observed in the eastern portion of the site by 1983 and removed by 1989.	A commercial building adjoining the site to the north was demolished and removed.
1983	A	Vehicles were parked on the western portion of the site, potentially associated with a vehicle parking area and scrap yard adjoining to the north.	The site vicinity was depicted similar to that observed in the 2005 aerial photograph.
1989			
1994			
2002			
2005			
2009	A	Vehicles were parked on the western portion of the site, potentially associated with a vehicle parking area and scrap yard adjoining to the north.	The site vicinity was depicted similar to that observed in the 2005 aerial photograph.
2012			
2016			

**Table 6 – Aerial Photographs Summary**

Date	Source	Site Summary	Site Vicinity Summary
2020	B	The site was under construction, with the eastern portion of the site covered with tarped soil stockpiles, and the western portion of the site containing construction vehicles and supplies. The railroad tracks were not visible.	The site vicinity was depicted similar to that observed in the 2016 aerial photograph.

**Sources:**

A – Environmental Data Resources, Inc.

B – Google Earth™

The site has been a railroad right-of-way (ROW) along Slauson Avenue to the south between 1923 and 2016. The on-site railroad tracks may have been buried or removed from the site as early as 2020. The site vicinity has consisted primarily of residential properties since 1923, although adjoining properties to the north have contained a number commercial/industrial structures since 1923.

Equipment and materials often historically used in association with railroads, such as lead, ballast materials containing steel slag with potential regulated heavy metal concentrations, total petroleum hydrocarbon fuel leaks, polychlorinated biphenyl (PCB) leaks, and railroad lubricators utilizing petroleum products, normally have been used within the site. In addition, herbicides were often historically applied on railroad ROWs to prevent the growth of vegetation between railroad tracks. The presence of railroad tracks between 1923 and 2016 and associated staining observed in the 1970 aerial photograph is considered a REC.

### 3.3.4 Historical Topographic Maps

Historical topographic maps for select years between 1896 and 2012 were provided by EDR from the Redondo and Santa Monica (1896), Watts (1923, 1924, 1937), Inglewood (1924, 1930, 1948, 1950, 1952, 1953, 1964, 1966, 1972, 1981, and 2012), and Hollywood (1924, 1952, 1953, 1964, 1966, 1972, 1981, 2012) California Quadrangle Maps. Copies of the historical topographic maps are included in Appendix B.

**Table 7 – Historical Topographic Maps Summary**

Date	Site Summary	Site Vicinity Summary
1896	The site was depicted as vacant land.	The site vicinity was primarily vacant land. The ATSF Railroad was present to the south. The Redondo Railroad was present to the east.
1923 1924	The site was depicted with railroad tracks	Commercial/industrial structures were present adjoining the site to the north and south. The site vicinity to the east consisted primarily of vacant land.
1930	The site was not mapped.	Residential structures were developed to the west of the site.

**Table 7 – Historical Topographic Maps Summary**

Date	Site Summary	Site Vicinity Summary
1937	The site is similar to that depicted in the 1924 topographic map.	Additional commercial/industrial structures were developed adjoining the site to the north and south. Residential structures were developed to the east.
1948 1950 1952	The site is similar to that depicted in the 1937 topographic map. The site was shaded for urban development by 1950.	“BM 138” surveying station present adjoining the site to the west. The site vicinity was shaded for urban development by 1950.
1964 1972 1981	The site is similar to that depicted in the 1952 topographic map.	“BM 137” surveying station present adjoining the site to the west. The site vicinity was labeled as Wildasin.
2012	The site and vicinity were depicted similar to their current configuration. Structures were not depicted on the site or site vicinity.	The site and vicinity were depicted similar to their current configuration. Structures were not depicted on the site or site vicinity.

### 3.4 User-Provided Documents

Documents provided to Ninyo & Moore for review by the user of this report included a California Environmental Quality Act (CEQA) Notice of Exemption, Documentation for Categorical Exclusion under the National Environmental Policy Act (NEPA), and a Percolation Test Report. Documents are presented in Appendix C. The following is a summary of our review.

#### 3.4.1 Notice of Exemption (Metro, 2017a)

This 2-page document discusses the Metro Rail to Rail Active Transportation Corridor Project location, nature, purpose, beneficiaries of the Project, and reasons for being exempt from CEQA review. The Project will consist of the installation of bicycle and pedestrian paths within the Metro-owned ROW for the purpose of providing safe dedicated walking spaces and linkages within the City of Los Angeles. The reasons stated for the project’s categorical exemption were: that the Project would not involve the removal of healthy, mature, scenic trees; would have no impacts on traffic, air quality, noise, and historical resources; and would follow Metro standards in complying with regulatory requirements from the South Coast Air Quality Management District (SCAQMD), Public Utilities Commission, and the DTSC.

#### 3.4.2 Documentation for Categorical Exclusion (Metro, 2017b)

This document outlines the Metro Rail to Rail Active Transportation Corridor project, and the reasoning for its categorical exclusion under NEPA. Section 3.7 of this document discusses hazardous materials in association with the project. Properties reported as potentially impacting the project include Clean Harbor’s LLC at 5756 Alba Street, a plating facility at 5816 South Central Avenue, and an industrial facility at 5716 McKinley Avenue. The plating facility may be the Southwest Plating Company, which adjoins the site to the south. A site reconnaissance of the Project area also reported locations of high risk of contamination. One of the areas of high risk was “an identified wood mill that spilled wood residue onto the rail

ROW between Normandie Avenue and Budlong Avenue”, which are the extents of the site. Based on the regulatory database search and site reconnaissance, environmental sampling was conducted in approximate 1,000-foot linear intervals along the ROW. Levels of VOCs, PCBs, pesticides, and total petroleum hydrocarbons (TPH) were below screening levels. However, concentrations of arsenic, lead, and semi-VOCs (SVOCs) were above cleanup goals. To clean up soils contaminated with arsenic, lead, and SVOCs, Metro has entered into a VCP with DTSC. The spilled wood residue on our site is considered a REC. The potential presence of lead, arsenic, and SVOCs in connection with the ROW is also considered a REC.

### **3.4.3 Additional Environmental Assessment (Kleinfelder, 2017)**

According to Kleinfelder, a 2016 soil sampling event was conducted by EFI Global, which advanced 36 soil borings in approximately 1,000-foot intervals along the length of the Rail to River Corridor – Segment A, a 6.5-mile length of unused railroad ROW from the Fairview Heights Metro Station in the west to Santa Fe Avenue in the east, which includes the site. According to Kleinfelder’s summary of the 2016 soil sampling, select soil samples were analyzed for Title 22 Metals, organochlorine pesticides (OCPs), PCBs, TPHs, VOCs, and/or SVOCs. Elevated lead, arsenic, and SVOCs were reported in several samples collected. Elevated concentrations of OCPs, PCBs, TPHs, and VOCs were not reported. According to Kleinfelder, “soil sample analysis for this assessment was limited to the top 0.5 foot below the ballast or near surface.” According to Kleinfelder, EFI Global advanced one boring (DPT-13) within the limits of the site, with soil samples collected at approximately 0.5 and 2 feet below ground surface (bgs) and analyzed for Title 22 Metals and SVOCs (other analyses on these samples, if any, were not specified). Analytical results showed:

- Lead (201 mg/kg at 0.5 feet bgs and 157 mg/kg at 2 feet bgs), below the DTSC screening level of 320 mg/kg for industrial land use, but above the DTSC screening level of 80 mg/kg for residential land use.
- Arsenic (95.2 mg/kg at 0.5 feet bgs and 47.9 mg/kg at 2 feet bgs), above the DTSC background concentration of 12 mg/kg.
- The SVOC pentachlorophenol (4.07 mg/kg at 0.5 feet bgs), above the EPA RSL.

In addition, Kleinfelder advanced four borings in August 2017 along the project in conjunction with a geotechnical soil investigation. These borings were not advanced within the site limits. The 2016 EFI Global report or 2017 Environmental Site Assessment Kleinfelder report were not provided to Ninyo & Moore for review.

Based on these results, Kleinfelder advanced 120 additional borings up to approximately 5 feet bgs in October 2017 within the project limits. Five borings (KLF-L-11 through -13, KLF-

O-5, and KLF-O-6) were planned to be advanced within the site. However, a soil stockpile was on the site at the time of the additional assessment, preventing Kleinfelder from advancing the proposed borings.

#### 3.4.4 Percolation Test Report (HDR, 2019)

This report consisted of a review of percolation soil testing data collected along the Metro Rail to Rail Active Transportation Corridor. The document did not contain information pertinent to this environmental review report.

### 3.5 Adjoining Property History

Based on our review of historical documentation, adjoining property history was found to be as followed:

- **North** – From 1923 to the present, properties to the north have contained a number of industrial properties, including several lumber mills, building material storage yards and warehouses, towing company, beer warehouse, mattress store, and others.
- **South** – Slauson Avenue has adjoined the site to the south since 1922, beyond which have been a mixture of residential, commercial, and industrial properties. Properties of note to the south include a metal plating company, several auto repair shops, gasoline service stations, laundries, and others.
- **East** – Budlong Avenue has adjoined the site to the east since 1922, beyond which is the continuation of the ROW. The vicinity to the east was mostly vacant land between 1923 and 1937, but by 1950 was developed with many residential structures.
- **West** – Adjoining to the west has been Normandie Avenue since 1922, beyond which is the continuation of the ROW and a commercial property. The commercial property was lime and plaster storage from 1922 to 1961, and paint storage from 1966 to 1970.

## 4 FINDINGS

Based upon the results of this Phase I ESA, the following findings are provided.

- The site address is 5820 Normandie Avenue in Los Angeles, California. The associated Los Angeles County Assessor's Parcel Number is 5002-015-900.
- The site has been a railroad ROW bordering Slauson Avenue to the north between 1923 and 2016. Equipment and materials often historically used in association with railroads, such as lead, ballast materials containing steel slag with potential regulated heavy metal concentrations, total petroleum hydrocarbon fuel leaks, PCB leaks, and railroad lubricators utilizing petroleum products, may have been used within the site. In addition, herbicides were often historically applied on railroad ROWs to prevent the growth of vegetation between railroad tracks. The presence of railroad tracks between 1923 and 2016 and associated staining observed in the 1970 aerial photograph is considered a REC.
- Several properties adjoining the site to the north and south were listed on several environmental databases, including gasoline service stations, dry cleaning facilities,



automotive repair shops, and plating facilities. The reported historical presence of USTs, former drycleaners, and listed releases of VOCs indicate that the site may have been impacted by these adjoining properties and is considered a VEC.

- Based on a review of the Documentation for Categorical Exemption (Metro, 2017b), a site reconnaissance of the Project area reported a risk of contamination from a “wood mill that spilled wood residue onto the rail ROW between Normandie Avenue and Budlong Avenue”, which are the extents of the site. This is considered a REC to the site.
- Based on a review of the Documentation for Categorical Exemption (Metro, 2017b) and Kleinfelder’s Additional Site Assessment Report (Kleinfelder, 2017), environmental sampling was conducted in approximate 1,000-foot linear intervals along the ROW in 2016, with one boring advanced within the site limits. Elevated concentrations of arsenic, lead, and pentachlorophenol were reported in the soil samples collected at the site up to approximately 2 feet bgs. Elevated concentrations of arsenic, lead, and other SVOCs were reported in other samples collected along the project length. Kleinfelder conducted additional soil sampling along the project in 2017, but was unable collect soil samples on the site due to the presence of a soil stockpile. To clean up soils contaminated with arsenic, lead, and SVOCs, Metro has entered into a VCP with DTSC. A site reconnaissance of the Project area also reported locations of high risk of contamination. One of the areas of high risk was “an identified wood mill that spilled wood residue onto the rail ROW between Normandie Avenue and Budlong Avenue”. The reported spilled wood residue on our site is considered a REC. Additionally, the potential presence of lead, arsenic, and SVOCs, TPH, and PCBs in connection with the ROW is considered a REC.

## 5 OPINIONS

The rationale for concluding whether or not the conditions listed in Section 4, above, do not represent RECs, Historical REC (HRECs), or Controlled RECs (CRECs) (i.e., the presence or likely presence of hazardous substances or petroleum products on a property under conditions indicative of releases, past releases, or a material threat of a release of hazardous substances, pollutants, contaminants, and/or petroleum/petroleum products at the site) is provided below. These opinions are preliminary in nature, and subject to change when additional documents are obtained and reviewed.

### 5.1 RECs

The following RECs were encountered during the preparation of this report:

- The site has been a railroad ROW since the early 1900s. Equipment and materials often historically used in association with railroads, such as lead, ballast materials containing steel slag with potential regulated heavy metal concentrations, total petroleum hydrocarbon fuel leaks, PCB leaks, and railroad lubricators utilizing petroleum products, may have been used within the site. In addition, herbicides were often historically applied on railroad ROWs to prevent the growth of vegetation between railroad tracks. Based on available information, wood residue was spilled on the site from an adjoining lumber mill, and limited soil sampling within the site vicinity indicated elevated levels of arsenic, lead, and the SVOC pentachlorophenol. Indications that site soil has been evaluated for OCPs, chlorinated herbicides, TPH, or PCBs was not found during the preparation of this report.

- Several properties adjoining the site to the north and south were listed on several environmental databases, including gasoline service stations, dry cleaning facilities, automotive repair shops, and plating facilities. The reported historical presence of USTs, former drycleaners, and listed releases of VOCs indicate that the site may have been impacted by these adjoining properties and is considered a VEC.

## 5.2 CRECs

CRECs were not encountered during the preparation of this report.

## 5.3 HRECs

HRECs were not encountered during the preparation of this report.

## 5.4 De Minimis Conditions

*De minimis* conditions were not encountered during the preparation of this report.

## 5.5 Data Gaps

Ninyo & Moore has requested several environmental documents from Metro concerning the site, including Phase II ESAs, soil management plans, remedial work plans, etc. To date, Ninyo & Moore has not received these documents. This is considered a data gap. If these reports are provided, the information should be included in the proposed full Phase I ESA for the site (see Section 6).

# 6 RECOMMENDATIONS

Based upon the findings of this study, Ninyo & Moore makes the following recommendations for the site. These recommendations are provided to evaluate the potential for construction worker exposure and for potential waste characterization purposes.

- Based on the potential for the site to be impacted by on-site and off-site sources, a full Phase I ESA should be conducted prior to obtaining title. In addition, based on the results of the recommended Phase I ESA, subsurface sampling of soil, soil vapor, and/or groundwater should be conducted in those areas of suspected impact mentioned in the recommended Phase I ESA.
- Groundwater is not expected to be encountered during construction as the expected depth to groundwater is approximately between 14 to 26 feet bgs. However, if construction plans change and groundwater will be encountered, we recommend collecting and analyzing groundwater samples for the constituents needed to apply for a construction dewatering discharge permit.
- During the construction of the project, soil will be excavated along the length of the ROW. Based on chemicals typically used along railroad tracks, there is a likelihood that residual chemicals may be present in the soil, included reported arsenic, lead, and pentachlorophenol in the western portion of the site in 2016. For waste characterization purposes, the soil should



be sampled and analyzed to evaluate for the presence of OCPs, chlorinated herbicides, metals, polycyclic aromatic hydrocarbons/SVOCs, TPHs, and PCBs. Soil samples should be collected at one foot vertical intervals to a depth of approximately 5 feet bgs along portions of the site within 25 feet of the rail center line. Surface samples should be analyzed for these target analytes. Deeper samples may be analyzed if significant concentrations of target analytes are detected. A previous investigation was conducted along the railroad ROW in 2017, which included the site. However, the site was covered with a soil stockpile, which prevented site soils from being characterized.

- A soil management plan and site-specific health and safety plan (HSP) detailing worker safety, vapor monitoring, soil testing, and soil removal should be prepared for this project.

## 7 REFERENCES

- ASTM International, 2013, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E-1527-13.
- California Department of Toxic Substances Control, 2021, EnviroStor website (<https://www.envirostor.dtsc.ca.gov/public/>), accessed in March.
- California Regional Water Quality Control Board Los Angeles Region, 2014, Water Quality Control Plan: Los Angeles Region Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties, September 11
- California State Water Resources Control Board, 2021, GeoTracker website (<https://geotracker.waterboards.ca.gov/>), accessed in March.
- Dibblee, T.W., Minch, J.A., 2007, Geologic map of the Venice and Inglewood quadrangles, Los Angeles County, California
- DTSC, see California Department of Toxic Substances Control.
- EDR, see Environmental Data Resources, Inc.
- Environmental Data Resources Inc., 2020, Certified Sanborn Map Report, 5820 Normandie Way, Los Angeles, CA: dated March 16.
- Environmental Data Resources Inc., 2020, EDR Historical Topo Map Report, 5820 Normandie Way, Los Angeles, CA: dated March 12.
- Environmental Data Resources Inc., 2020, The EDR Aerial Photograph Decade Package, 5820 Normandie Way, Los Angeles, CA: dated March 12.
- Environmental Data Resources Inc., 2020, The EDR-City Directory Abstract, 5820 Normandie Way, Los Angeles, CA: dated March 12.
- Environmental Data Resources Inc., 2021, The EDR Summary Radius Map™ Report with GeoCheck®, 5820 Normandie Way, Los Angeles, CA: dated March 12.
- Frey Environmental, Inc, 2021, Fourth Quarter 2020 Groundwater Sampling and Corrective Action Site Status Update Report, Pizza Hut Site #11-7488, 1851 West Slauson Avenue, Los Angeles, California, dated January 8
- HDR Engineering Inc., 2019, Percolation Test Report, Rail to Rail Active Transportation Corridor – Advanced Design Phase 2, Los Angeles County, California, dated February 26
- Kleinfelder, 2017, Los Angeles Metro Rail to River Project, Corridor Segment A, Additional Environmental Site Assessment, Los Angeles, California, dated December 29
- Los Angeles County Metropolitan Transportation Authority, 2017a, Notice of Exemption, Metro Rail to Rail Active Transportation Corridor – Segment A, dated April 27
- Los Angeles County Metropolitan Transportation Authority, 2017b, Documentation for a Categorical Exclusion, Rail to Rail Active Transportation Corridor, dated April
- Metro, see Los Angeles County Metropolitan Transportation Authority
- Norris, Robert; Webb, Robert, 1990, Geology of California, Wiley, Second Edition
- United States Fish and Wildlife Service National Wetlands Inventory, 2021, Wetlands Mapper website (<https://www.fws.gov/wetlands/data/mapper.html>) accessed in March.
- United State Geological Survey, 2012, Inglewood Quadrangle, California 7.5 Minute Series.

## 8 PROFESSIONAL STATEMENT

As required by 40 Code of Federal Regulations (CFR) §312.21(d) and Section 12.13 of ASTM 1527-13, the following statement is included:

*I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined by §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.*



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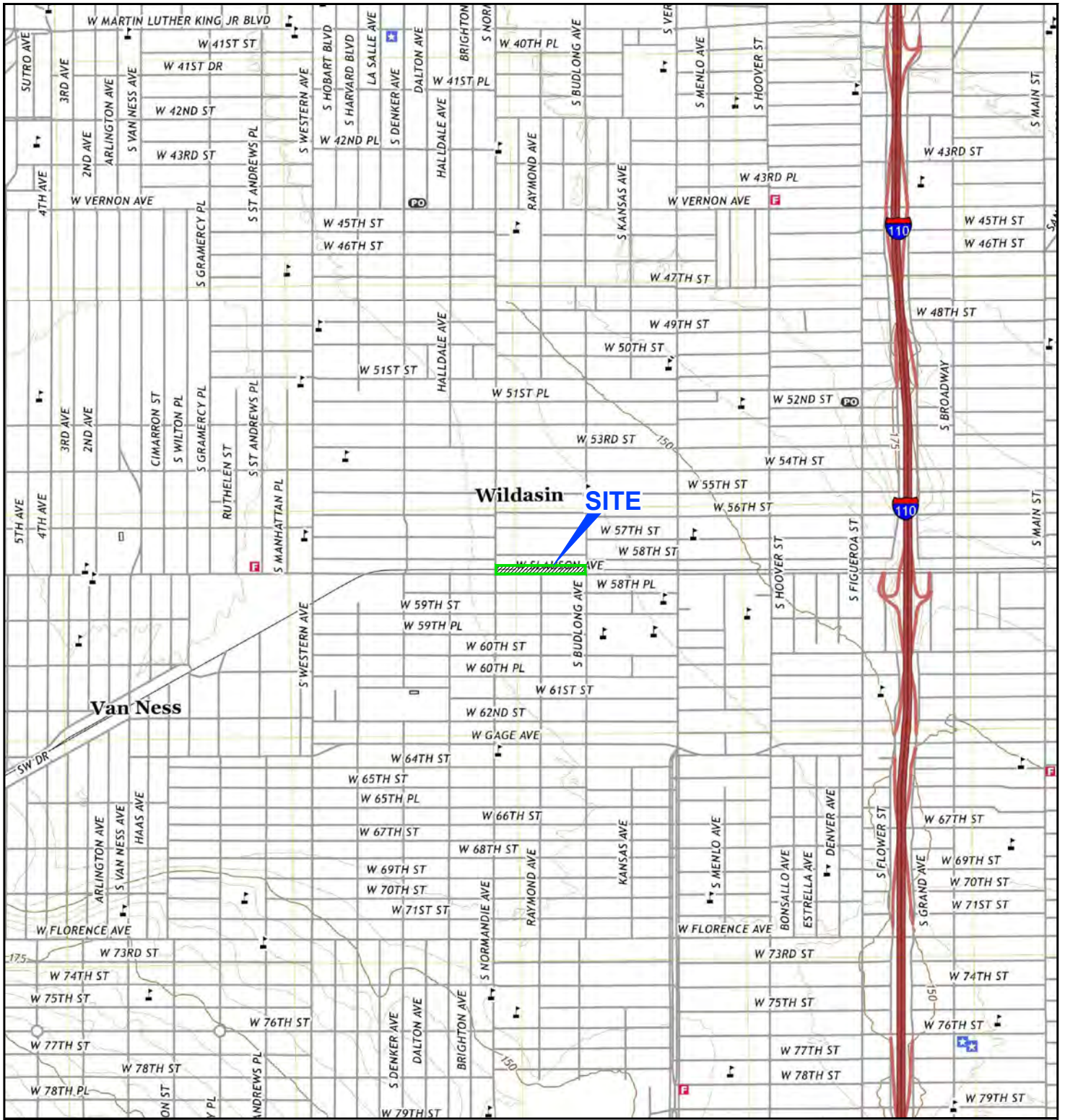
**John Jay Roberts, PG, CEG**  
Principal Geologist

## 9 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Resumes, which document the professional qualifications, pursuant to 40 CFR §312.10(b)(2), of the persons that prepared and reviewed this report are provided as Appendix D.



# FIGURES



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: USGS, 2018.

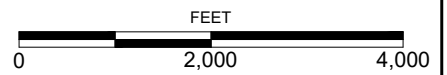


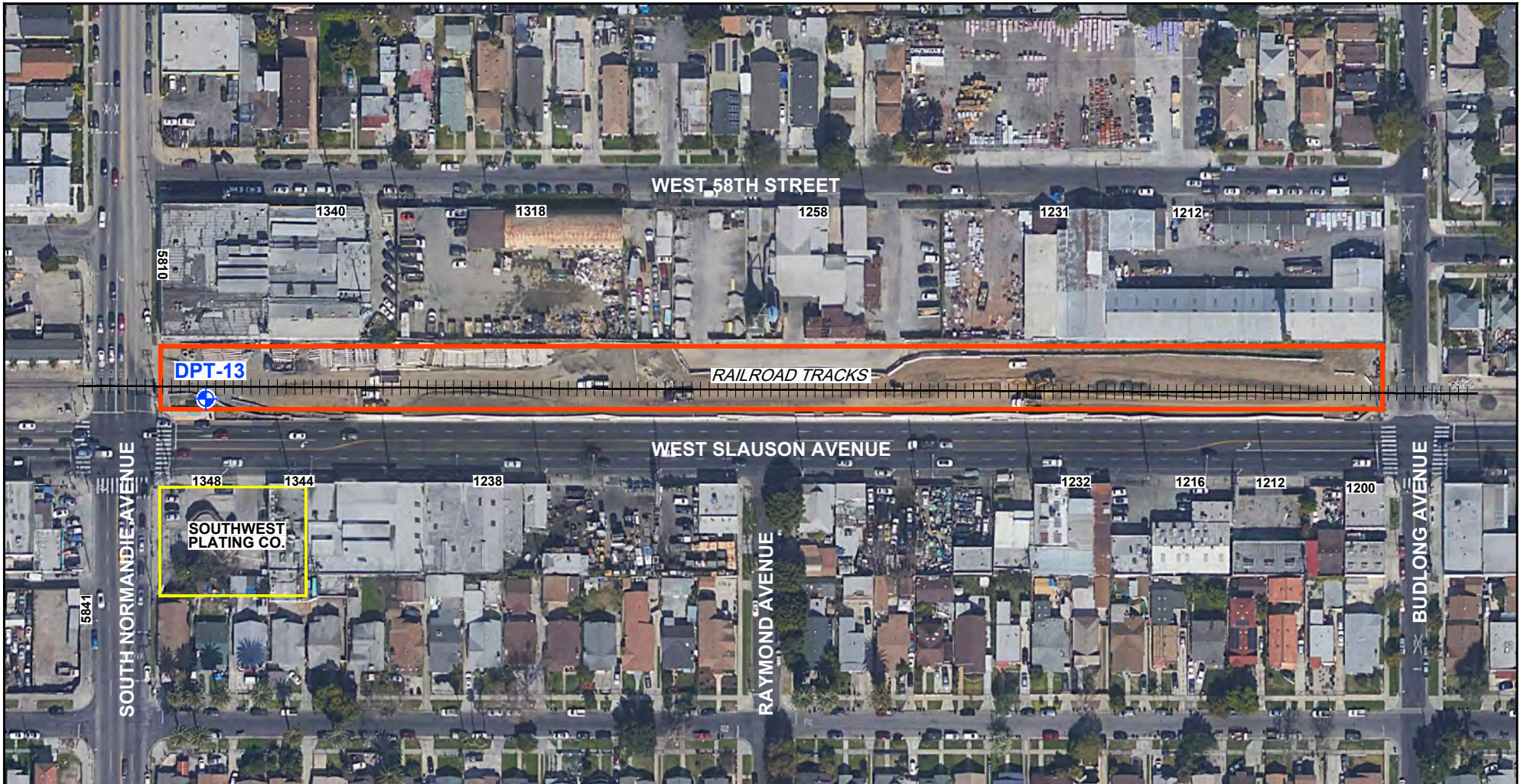
FIGURE 1






Geotechnical & Environmental Sciences Consultants

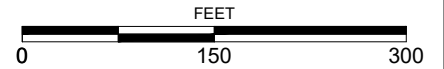
**SITE LOCATION**  
 5820 NORMANDIE AVENUE  
 LOS ANGELES, CALIFORNIA





- LEGEND**
-  SITE BOUNDARY
  -  DPT-13 BORING
  -  5810 STREET ADDRESS

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: GOOGLE EARTH, 2021.



**FIGURE 2**

**SITE PLAN**

5820 NORMANDIE AVENUE  
LOS ANGELES, CALIFORNIA



# APPENDIX A

## Environmental Database Report

**5820 Normandie Ave**  
5820 Normandie Ave  
Los Angeles, CA 90044

Inquiry Number: 6404287.2s  
March 12, 2021

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



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Physical Setting Source Map .....	A-10
Physical Setting Source Map Findings .....	A-11
Physical Setting Source Records Searched .....	PSGR-1

***Thank you for your business.***  
 Please contact EDR at 1-800-352-0050  
 with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

5820 NORMANDIE AVE  
LOS ANGELES, CA 90044

#### COORDINATES

Latitude (North): 33.9893140 - 33° 59' 21.53"  
Longitude (West): 118.2980180 - 118° 17' 52.86"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 380109.3  
UTM Y (Meters): 3761536.0  
Elevation: 142 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640440 INGLEWOOD, CA  
Version Date: 2012  
  
North Map: 5630741 HOLLYWOOD, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140513  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
5820 NORMANDIE AVE  
LOS ANGELES, CA 90044

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">A1</a>	GUS BRIGANTINO SOUTH	1360 W SLAUSON AVE	HAZMAT	Lower	40, 0.008, WSW
<a href="#">A2</a>	PALMER W R	1360 W SLAUSON AVE	EDR Hist Auto	Lower	40, 0.008, WSW
<a href="#">A3</a>	LOW W L	1344 W SLAUSON AVE	EDR Hist Auto	Lower	41, 0.008, WSW
<a href="#">A4</a>	SOUTHWEST PLATING CO	1344 WEST SLAUSON AV	SEMS, RCRA-LQG, ENVIROSTOR, HIST UST, FINDS, ECHO,..	Lower	41, 0.008, WSW
<a href="#">A5</a>	SOUTHWEST PLATING CO	1344 W SLAUSON AVE	CERS HAZ WASTE, HAZNET, HAZMAT, CERS, HWTS	Lower	41, 0.008, WSW
<a href="#">A6</a>	SOUTHWEST PLATING CO	1344 WEST SLAUSON AV	HIST UST	Lower	41, 0.008, WSW
<a href="#">A7</a>	EDMONDS CHAS	1346 W SLAUSON AVE	EDR Hist Auto	Lower	41, 0.008, WSW
<a href="#">B8</a>	MILLER WALTER	1218 W SLAUSON AVE	EDR Hist Auto	Higher	50, 0.009, East
<a href="#">B9</a>	TOWN WASH LAUNDRY	1232 W SLAUSON AVE	EDR Hist Cleaner	Higher	95, 0.018, ESE
<a href="#">B10</a>	DIRTY LAUNDRY INC	1232 W SLAUSON AVE	RCRA-SQG, FINDS, ECHO	Higher	95, 0.018, ESE
<a href="#">B11</a>		1214 W 58TH ST	UST	Higher	96, 0.018, ENE
<a href="#">C12</a>	A L L ROOFING BLDG M	1234 W 58TH ST	SWEEPS UST, CA FID UST	Higher	97, 0.018, ENE
<a href="#">C13</a>	FOSTER PLANING MILL	1258 W 58TH ST	SWEEPS UST, HIST UST, CA FID UST, HAZMAT, WDS,...	Higher	97, 0.018, NNE
<a href="#">C14</a>	FOSTER PLANING MILL	1258 W 58TH ST	HIST UST	Higher	97, 0.018, NNE
<a href="#">C15</a>	FOSTER PLANNING MILL	1258 W 58TH ST	HIST UST, NPDES	Higher	97, 0.018, NNE
<a href="#">A16</a>	ALL ROOFING INC	1318 W 58TH ST	SWEEPS UST	Higher	98, 0.019, WNW
<a href="#">B17</a>	VENTURA BODY SHOP	1200 W SLAUSON AVE	HAZMAT	Higher	112, 0.021, ESE
<a href="#">B18</a>	SLAUSON AUTO RESTORA	1212 W SLAUSON AVE	CERS HAZ WASTE, HAZNET, HAZMAT, HWTS	Higher	112, 0.021, ESE
<a href="#">B19</a>	SLAUSON AUTO RESTORA	1212 W SLAUSON AVE	RCRA NonGen / NLR	Higher	112, 0.021, ESE
<a href="#">B20</a>	LUTHER F L	1212 W SLAUSON AVE	EDR Hist Auto	Higher	112, 0.021, ESE
<a href="#">A21</a>	MJW INC DBA AMERICAN	1328 W SLAUSON AVE	CERS HAZ WASTE, HAZNET, HAZMAT, CERS, HWTS	Lower	112, 0.021, WSW
<a href="#">A22</a>	ADESCO INC	1328 WEST SLAUSON AV	ENVIROSTOR	Lower	112, 0.021, WSW
<a href="#">A23</a>	AMERICAN LAB AND SYS	1328 W SLAUSON AVE	RCRA-SQG, FINDS, ECHO	Lower	112, 0.021, WSW
<a href="#">A24</a>	ADESCO INC	1328 W SLAUSON AVE	SEMS-ARCHIVE	Lower	112, 0.021, WSW
<a href="#">A25</a>	PURITAN SOFT WATER L	1348 W SLAUSON AVE	EDR Hist Cleaner	Lower	113, 0.021, WSW
<a href="#">B26</a>	A L L ROOFING & BUIL	1212 W 58TH ST	SWEEPS UST, CA FID UST, HAZMAT, CERS	Higher	113, 0.021, ENE
<a href="#">B27</a>	A.L.L. ROOFING & BUI	1212 W 58TH ST	HIST UST	Higher	113, 0.021, ENE
<a href="#">B28</a>	ALLIED BUILDING PROD	1212 W 58TH ST	UST	Higher	113, 0.021, ENE
<a href="#">B29</a>	ALL ROOFING & BUILDI	1212 W 58TH ST	HIST UST, HAZNET, HWTS	Higher	113, 0.021, ENE
<a href="#">C30</a>		1226 W 58TH ST	UST	Higher	113, 0.021, ENE
<a href="#">B31</a>	RAPID ANODIZING LLC	1216 W SLAUSON AVE	CERS HAZ WASTE, CERS, HWTS	Higher	117, 0.022, ESE
<a href="#">B32</a>	RAPID ANODIZING INC	1216 W SLAUSON AVE	HAZNET, HAZMAT, LA Co. Site Mitigation, HWTS	Higher	117, 0.022, ESE
<a href="#">B33</a>	RAPID ANODIZING LLC	1216 W SLAUSON AVE	RCRA NonGen / NLR	Higher	117, 0.022, ESE
<a href="#">B34</a>	RAPID ANODIZING INC	1216 W. SLAUSON AVE.	RCRA NonGen / NLR	Higher	117, 0.022, ESE
<a href="#">D35</a>	YOUNG DOERNER	1400 W SLAUSON AVE	EDR Hist Auto	Lower	147, 0.028, West
<a href="#">D36</a>	HOARD'S MUFFLER CO.	1400 W SLAUSON AVE	HAZMAT, CERS	Lower	147, 0.028, West
<a href="#">D37</a>	PERCY POLK	1416 W SLAUSON AVE	HAZNET, HAZMAT, HWTS	Lower	161, 0.030, West
<a href="#">E38</a>	GRAND AM CLEANERS	5727 S NORMANDIE	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS	Lower	170, 0.032, WNW
<a href="#">E39</a>	NORMANDIE AUTO CENTE	1355 W 58TH ST	CERS HAZ WASTE, HWTS	Lower	230, 0.044, WNW

MAPPED SITES SUMMARY

Target Property Address:  
5820 NORMANDIE AVE  
LOS ANGELES, CA 90044

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	CUSTOMER FIRST TRANS	1132 W 58TH ST	EDR Hist Auto	Higher	333, 0.063, East
F41	EL SUPER #17	1100 W SLAUSON AVE	CERS HAZ WASTE, HAZNET, HAZMAT, CERS, HWTS	Higher	504, 0.095, East
F42	EL SUPER #17	1100 W SLAUSON AVE	RCRA NonGen / NLR	Higher	504, 0.095, East
43	ALL POINT WELDING	1446 W SLAUSON AVE	HAZMAT	Lower	540, 0.102, West
44	RNLA 1308 W 59TH ST	1308 W 59TH ST	RCRA NonGen / NLR	Lower	672, 0.127, South
G45		5600 S NORMANDIE AVE	UST	Lower	706, 0.134, NW
H46	HOWARD CLEANERS	5909 S NORMANDIE AVE	DRYCLEANERS	Lower	711, 0.135, SW
H47	HOWARD CLEANERS	5909 S NORMADIE AVE	RCRA-SQG, FINDS, ECHO	Lower	711, 0.135, SW
H48	KIM'S HOWARD CLEANER	5909 S NORMANDIE AVE	DRYCLEANERS	Lower	711, 0.135, SW
49	BARBARA WALKER	1109 W 57TH ST	RCRA NonGen / NLR	Higher	733, 0.139, ENE
I50		1500 W 58TH ST	UST	Lower	771, 0.146, West
I51	METRO-MEDIA PAGING S	1500 W 58TH ST	SWEEPS UST, CA FID UST	Lower	771, 0.146, West
G52	KIELS AUTO SERVICE	5514 S NORMANDIE AVE	CA FID UST, HAZMAT	Lower	842, 0.159, NW
G53	ROBERT T KIEL	5514 S NORMANDIE AVE	UST, SWEEPS UST	Lower	842, 0.159, NW
54	MARICELA CHAVEZ	1226 W. 59TH PLACE	RCRA NonGen / NLR	Higher	972, 0.184, SSE
55	ALL AMERICAN OIL CO	1332 W 59TH PLACE	RCRA NonGen / NLR, FINDS, ECHO	Lower	973, 0.184, SSW
H56	HOMCO	5961 S NORMANDIE AVE	HAZMAT	Lower	977, 0.185, SW
J57	CALIF METAL PROCESSI	1518 W SLAUSON AVE	HAZMAT	Lower	983, 0.186, West
K58	JERSEYMAID MILK PROD	1040 W SLAUSON AVE	UST	Higher	995, 0.188, East
K59	JERSEYMAID MILK PROD	1040 W SLAUSON AVE	SWEEPS UST, CA FID UST, EMI, HAZMAT	Higher	995, 0.188, East
K60	VONS/FORMER JERSEYMA	1040 SLAUSON AVE W	LUST, Cortese, HIST CORTESE, CERS	Higher	995, 0.188, East
K61	JERSEYMAID MILK PROD	1040 W SLAUSON	HIST UST	Higher	995, 0.188, East
J62	CALIFORNIA METAL PRO	1530 WEST SLAUSON AV	RCRA-SQG, CERS HAZ WASTE, SWEEPS UST, HIST UST, CA	Lower	1071, 0.203, West
J63	NEW WAVE AUTO CRAFTS	1536 W SLAUSON AVE	HAZMAT	Lower	1118, 0.212, West
64	PARKS HUERTA PRIMARY	1020 58TH PL	RCRA-LQG	Higher	1146, 0.217, ESE
J65		1556 W SLAUSON AVE	UST	Lower	1233, 0.234, West
L66	HECTOR FOREIGN CAR S	5410 S NORMANDIE AVE	RCRA-SQG, FINDS, ECHO, HAZNET, HAZMAT, HWTS	Lower	1238, 0.234, NNW
J67		1552 W SLAUSON AVE	UST	Lower	1254, 0.237, West
M68	LOS ANGELES USD BUDL	5940 S BUDLONG AVE	RCRA-SQG, FINDS	Higher	1272, 0.241, ESE
M69	LAUSD - BUDLONG AVE	5940 S BUDLONG AVE	EMI, HAZMAT	Higher	1272, 0.241, ESE
N70	VERIZON WIRELESS: PO	5801 S VERMONT AVE	UST	Higher	1286, 0.244, East
N71	T-MOBILE WEST, LLC L	5801 S. VERMONT AVE.	SWEEPS UST, HIST UST, CA FID UST, HAZMAT, CERS	Higher	1286, 0.244, East
L72	RIVKAH INC	5407 S NORMANDIE AVE	CERS HAZ WASTE, CERS TANKS, HAZNET, HAZMAT, CERS,	Lower	1289, 0.244, NNW
L73	N.S. SERVICE	5407 S NORMANDIE AVE	UST	Lower	1289, 0.244, NNW
L74	N.S SERVICE	5407 S NORMANDIE AVE	SWEEPS UST, CA FID UST	Lower	1289, 0.244, NNW
L75	STATION 094	5407 S NORMANDIE	HIST UST	Lower	1289, 0.244, NNW
L76	RIVKAH INC	5407 S NORMANDIE AVE	RCRA NonGen / NLR	Lower	1289, 0.244, NNW
L77	JOHN'S SMOG & AUTO R	5407 S. NORMANDIE AV	RCRA-SQG, FINDS, ECHO	Lower	1289, 0.244, NNW
O78	DANIEL AUTO REPAIR	6001 S NORMANDIE AVE	RCRA NonGen / NLR	Lower	1302, 0.247, SSW

MAPPED SITES SUMMARY

Target Property Address:  
5820 NORMANDIE AVE  
LOS ANGELES, CA 90044

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">O79</a>	LORENZO'S SMOG CHECK	6001 S NORMANDIE AVE	HAZMAT	Lower	1302, 0.247, SSW
<a href="#">O80</a>	LORENZO'S TEST ONLY	6001 S NORMANDIE AVE	HAZMAT	Lower	1302, 0.247, SSW
<a href="#">L81</a>	SPEEDWERKS	5422 S NORMANDIE AVE	HAZMAT	Lower	1308, 0.248, NNW
<a href="#">82</a>	SLAUSON 1 HR PHOTO &	1600 W SLAUSON AVE P	ENVIROSTOR, HAZNET, HWTS	Lower	1647, 0.312, West
<a href="#">83</a>	D & R RECYCLING	5219 S VERMONT AVE	SWRCY	Higher	2241, 0.424, NE
<a href="#">P84</a>	TORRES RECYCLING	6111 S VERMONT AVE	SWRCY	Higher	2339, 0.443, SE
<a href="#">P85</a>	FORMER TARGET SERVIC	6121 VERMONT AVENUE	LUST, Cortese, CERS	Higher	2437, 0.462, SE
<a href="#">P86</a>	FORMER TARGET SERVIC	6121 S. VERMONT AVE.	US BROWNFIELDS, FINDS	Higher	2437, 0.462, SE
<a href="#">87</a>	CHEVRON #2-295	6219 VERMONT ST S	LUST, Cortese, CERS	Higher	2505, 0.474, SE
<a href="#">88</a>	76 STATION #0914	5816 WESTERN AVE. S.	LUST, Cortese, CERS	Lower	2579, 0.488, West
<a href="#">89</a>	PEST CONTROL CHEMICA	5852 S. WESTERN AVEN	ENVIROSTOR, SWEEPS UST, HIST UST, CA FID UST, RCRA.	Lower	2584, 0.489, West
<a href="#">90</a>	HUGHES PAINT CO	5900 S WESTERN AVE	SEMS-ARCHIVE, ENVIROSTOR, SWEEPS UST, HIST UST, CA	Lower	2704, 0.512, WSW
<a href="#">91</a>	SOUTH LOS ANGELES HI	WEST SLAUSON AVENUE/	ENVIROSTOR, SCH	Higher	2736, 0.518, ESE
<a href="#">92</a>	RHONE POULENC AG CO	1838 WEST 62ND STREE	ENVIROSTOR	Lower	3509, 0.665, WSW
<a href="#">93</a>	SOUTHERN CALIFORNIA	S. ST. ANDREWS PLACE	EDR MGP	Lower	3606, 0.683, WSW
<a href="#">94</a>	WESTERN GAGE PROPERT	6300 WESTERN AVE	ENVIROSTOR, LUST, VCP, Cortese, CERS	Lower	3668, 0.695, SW
<a href="#">95</a>	LONG CHEMICAL, INCOR	6231 S MANHATTAN PL	ENVIROSTOR, SWEEPS UST, HIST UST, CA FID UST,...	Lower	3855, 0.730, SW
<a href="#">96</a>	CHESTERFIELD APARTME	4719 NORMANDIE AVENU	ENVIROSTOR, VCP	Higher	4050, 0.767, North
<a href="#">97</a>	PROPOSED SOUTH REGIO	6800-6824 SOUTH VERM	ENVIROSTOR, SCH	Higher	4299, 0.814, SSE
<a href="#">98</a>	MANUAL ARTS NEW PRIM	46TH STREET/SOUTH VE	ENVIROSTOR, SCH	Higher	4625, 0.876, NNE
<a href="#">99</a>	BRIGHT STAR PROPOSED	1915 THROUGH 1951 W.	ENVIROSTOR, SCH	Lower	4720, 0.894, WSW
<a href="#">100</a>	SOUTH REGION MS #6,	1720 W. 47TH STREET	ENVIROSTOR, SCH, CERS	Lower	5064, 0.959, NW
<a href="#">101</a>	BARTON-JONES CHEMICA	1207 W. VERNON AVE	ENVIROSTOR	Higher	5208, 0.986, North

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROLS..... Institutional Controls Sites List

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent NPL***

RESPONSE..... State Response Sites

# EXECUTIVE SUMMARY

## **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF..... Solid Waste Information System

## **State and tribal leaking storage tank lists**

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

CPS-SLIC..... Statewide SLIC Cases

## **State and tribal registered storage tank lists**

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

## **State and tribal voluntary cleanup sites**

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

## **State and tribal Brownfields sites**

BROWNFIELDS..... Considered Brownfields Sites Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Lists of Landfill / Solid Waste Disposal Sites**

WMUDS/SWAT..... Waste Management Unit Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

### **Local Lists of Hazardous waste / Contaminated Sites**

US HIST CDL..... Delisted National Clandestine Laboratory Register

AOCONCERN..... Key Areas of Concerns in Los Angeles County

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

Toxic Pits..... Toxic Pits Cleanup Act Sites

US CDL..... National Clandestine Laboratory Register

PFAS..... PFAS Contamination Site Location Listing

### **Local Land Records**

LIENS..... Environmental Liens Listing

LIENS 2..... CERCLA Lien Information

DEED..... Deed Restriction Listing

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System

## EXECUTIVE SUMMARY

CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
SPILLS 90.....	SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CUPA Listings.....	CUPA Resources List
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
LOS ANGELES CO. HMS.....	HMS: Street Number List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing



## EXECUTIVE SUMMARY

MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
LA Co. Site Mitigation.....	Site Mitigation List
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
MINES MRDS.....	Mineral Resources Data System
LOS ANGELES CO LF METHANE.....	Methane Producing Landfills
HWTS.....	Hazardous Waste Tracking System

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal CERCLIS list***

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the

## EXECUTIVE SUMMARY

United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 12/30/2020 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SOUTHWEST PLATING CO</b> Site ID: 0905873 EPA Id: CAD008331506	<b>1344 WEST SLAUSON AV</b>	<b>WSW 0 - 1/8 (0.008 mi.)</b>	<b>A4</b>	<b>9</b>

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/30/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ADESCO INC</b> Site ID: 0902511 EPA Id: CAD981690647	<b>1328 W SLAUSON AVE</b>	<b>WSW 0 - 1/8 (0.021 mi.)</b>	<b>A24</b>	<b>184</b>

### ***Federal RCRA generators list***

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PARKS HUERTA PRIMARY</b>	<b>1020 58TH PL</b>	<b>ESE 1/8 - 1/4 (0.217 mi.)</b>	<b>64</b>	<b>308</b>

## EXECUTIVE SUMMARY

EPA ID:: CAR000195768

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SOUTHWEST PLATING CO</b> EPA ID:: CAD008331506	<b>1344 WEST SLAUSON AV</b>	<b>WSW 0 - 1/8 (0.008 mi.)</b>	<b>A4</b>	<b>9</b>

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 8 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DIRTY LAUNDRY INC</b> EPA ID:: CAD077263143	<b>1232 W SLAUSON AVE</b>	<b>ESE 0 - 1/8 (0.018 mi.)</b>	<b>B10</b>	<b>117</b>
<b>LOS ANGELES USD BUDL</b> EPA ID:: CAD982021644	<b>5940 S BUDLONG AVE</b>	<b>ESE 1/8 - 1/4 (0.241 mi.)</b>	<b>M68</b>	<b>329</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AMERICAN LAB AND SYS</b> EPA ID:: CAR000078758	<b>1328 W SLAUSON AVE</b>	<b>WSW 0 - 1/8 (0.021 mi.)</b>	<b>A23</b>	<b>181</b>
<b>GRAND AM CLEANERS</b> EPA ID:: CAR000012245	<b>5727 S NORMANDIE</b>	<b>WNW 0 - 1/8 (0.032 mi.)</b>	<b>E38</b>	<b>241</b>
<b>HOWARD CLEANERS</b> EPA ID:: CAD981618333	<b>5909 S NORMADIE AVE</b>	<b>SW 1/8 - 1/4 (0.135 mi.)</b>	<b>H47</b>	<b>261</b>
<b>CALIFORNIA METAL PRO</b> EPA ID:: CAD043083971	<b>1530 WEST SLAUSON AV</b>	<b>W 1/8 - 1/4 (0.203 mi.)</b>	<b>J62</b>	<b>284</b>
<b>HECTOR FOREIGN CAR S</b> EPA ID:: CAD982321010	<b>5410 S NORMANDIE AVE</b>	<b>NNW 1/8 - 1/4 (0.234 mi.)</b>	<b>L66</b>	<b>311</b>
<b>JOHN'S SMOG &amp; AUTO R</b> EPA ID:: CAD982317661	<b>5407 S. NORMANDIE AV</b>	<b>NNW 1/8 - 1/4 (0.244 mi.)</b>	<b>L77</b>	<b>363</b>

### **State- and tribal - equivalent CERCLIS**

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk

## EXECUTIVE SUMMARY

characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/26/2020 has revealed that there are 15 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SOUTH LOS ANGELES HI</b> Facility Id: 60000026 Status: No Further Action	<b>WEST SLAUSON AVENUE/</b>	<b>ESE 1/2 - 1 (0.518 mi.)</b>	<b>91</b>	<b>412</b>
<b>CHESTERFIELD APARTME</b> Facility Id: 60002963 Status: Active	<b>4719 NORMANDIE AVENU</b>	<b>N 1/2 - 1 (0.767 mi.)</b>	<b>96</b>	<b>453</b>
<b>PROPOSED SOUTH REGIO</b> Facility Id: 60000852 Status: Certified	<b>6800-6824 SOUTH VERM</b>	<b>SSE 1/2 - 1 (0.814 mi.)</b>	<b>97</b>	<b>458</b>
<b>MANUAL ARTS NEW PRIM</b> Facility Id: 19390059 Status: No Further Action	<b>46TH STREET/SOUTH VE</b>	<b>NNE 1/2 - 1 (0.876 mi.)</b>	<b>98</b>	<b>462</b>
<b>BARTON-JONES CHEMICA</b> Facility Id: 19280552 Status: No Further Action	<b>1207 W. VERNON AVE</b>	<b>N 1/2 - 1 (0.986 mi.)</b>	<b>101</b>	<b>476</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SOUTHWEST PLATING CO</b> Facility Id: 71002192 Status: Refer: EPA	<b>1344 WEST SLAUSON AV</b>	<b>WSW 0 - 1/8 (0.008 mi.)</b>	<b>A4</b>	<b>9</b>
<b>ADESCO INC</b> Facility Id: 19360027 Status: Refer: Other Agency	<b>1328 WEST SLAUSON AV</b>	<b>WSW 0 - 1/8 (0.021 mi.)</b>	<b>A22</b>	<b>179</b>
<b>SLAUSON 1 HR PHOTO &amp;</b> Facility Id: 60003030 Status: Inactive - Action Required	<b>1600 W SLAUSON AVE P</b>	<b>W 1/4 - 1/2 (0.312 mi.)</b>	<b>82</b>	<b>370</b>
<b>PEST CONTROL CHEMICA</b> Facility Id: 60001530 Status: No Further Action	<b>5852 S. WESTERN AVEN</b>	<b>W 1/4 - 1/2 (0.489 mi.)</b>	<b>89</b>	<b>397</b>
<b>HUGHES PAINT CO</b> Facility Id: 19280441 Status: Refer: Other Agency	<b>5900 S WESTERN AVE</b>	<b>WSW 1/2 - 1 (0.512 mi.)</b>	<b>90</b>	<b>405</b>
<b>RHONE POULENC AG CO</b> Facility Id: 60001529 Status: No Further Action	<b>1838 WEST 62ND STREE</b>	<b>WSW 1/2 - 1 (0.665 mi.)</b>	<b>92</b>	<b>438</b>
<b>WESTERN GAGE PROPERT</b> Facility Id: 60002006 Status: Refer: RWQCB	<b>6300 WESTERN AVE</b>	<b>SW 1/2 - 1 (0.695 mi.)</b>	<b>94</b>	<b>439</b>
<b>LONG CHEMICAL, INCOR</b> Facility Id: 19300024 Status: Refer: Other Agency	<b>6231 S MANHATTAN PL</b>	<b>SW 1/2 - 1 (0.730 mi.)</b>	<b>95</b>	<b>447</b>
<b>BRIGHT STAR PROPOSED</b> Facility Id: 60001028	<b>1915 THROUGH 1951 W.</b>	<b>WSW 1/2 - 1 (0.894 mi.)</b>	<b>99</b>	<b>466</b>

## EXECUTIVE SUMMARY

Status: Inactive - Needs Evaluation

**SOUTH REGION MS #6,**  
 Facility Id: 60000117  
 Status: Certified

**1720 W. 47TH STREET**

**NW 1/2 - 1 (0.959 mi.)**

**100**

**468**

### State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VONS/FORMER JERSEYMA</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/04/2020 Status: Completed - Case Closed Facility Id: 900440016 Status: Case Closed Global Id: T0603701018 Global ID: T0603701018	<b>1040 SLAUSON AVE W</b>	<b>E 1/8 - 1/4 (0.188 mi.)</b>	<b>K60</b>	<b>279</b>
<b>FORMER TARGET SERVIC</b> Database: LUST, Date of Government Version: 12/04/2020 Status: Open - Verification Monitoring Global Id: T10000003220	<b>6121 VERMONT AVENUE</b>	<b>SE 1/4 - 1/2 (0.462 mi.)</b>	<b>P85</b>	<b>381</b>
<b>CHEVRON #2-295</b> Database: LUST, Date of Government Version: 12/04/2020 Status: Completed - Case Closed Global Id: T10000005323	<b>6219 VERMONT ST S</b>	<b>SE 1/4 - 1/2 (0.474 mi.)</b>	<b>87</b>	<b>390</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>76 STATION #0914</b> Database: LUST, Date of Government Version: 12/04/2020 Status: Completed - Case Closed Global Id: T0603737666	<b>5816 WESTERN AVE. S.</b>	<b>W 1/4 - 1/2 (0.488 mi.)</b>	<b>88</b>	<b>392</b>

### State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 11 UST sites within approximately 0.25 miles of the target property.

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported Database: LOS ANGELES UST, Date of Government Version: 06/01/2019	1214 W 58TH ST	ENE 0 - 1/8 (0.018 mi.)	B11	119
ALLIED BUILDING PROD Database: LOS ANGELES UST, Date of Government Version: 06/01/2019	1212 W 58TH ST	ENE 0 - 1/8 (0.021 mi.)	B28	192
Not reported Database: LOS ANGELES UST, Date of Government Version: 06/01/2019	1226 W 58TH ST	ENE 0 - 1/8 (0.021 mi.)	C30	196
JERSEYMAID MILK PROD Database: LOS ANGELES UST, Date of Government Version: 06/01/2019	1040 W SLAUSON AVE	E 1/8 - 1/4 (0.188 mi.)	K58	275
VERIZON WIRELESS: PO Database: LOS ANGELES UST, Date of Government Version: 06/01/2019	5801 S VERMONT AVE	E 1/8 - 1/4 (0.244 mi.)	N70	333

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported Database: LOS ANGELES UST, Date of Government Version: 06/01/2019	5600 S NORMANDIE AVE	NW 1/8 - 1/4 (0.134 mi.)	G45	260
Not reported Database: LOS ANGELES UST, Date of Government Version: 06/01/2019	1500 W 58TH ST	W 1/8 - 1/4 (0.146 mi.)	I50	267
<b>ROBERT T KIEL</b> Database: LOS ANGELES UST, Date of Government Version: 06/01/2019 Database: UST, Date of Government Version: 12/04/2020 Facility Id: 24041	<b>5514 S NORMANDIE AVE</b>	<b>NW 1/8 - 1/4 (0.159 mi.)</b>	<b>G53</b>	<b>269</b>
Not reported Database: LOS ANGELES UST, Date of Government Version: 06/01/2019	1556 W SLAUSON AVE	W 1/8 - 1/4 (0.234 mi.)	J65	311
Not reported Database: LOS ANGELES UST, Date of Government Version: 06/01/2019	1552 W SLAUSON AVE	W 1/8 - 1/4 (0.237 mi.)	J67	329
N.S. SERVICE Database: LOS ANGELES UST, Date of Government Version: 06/01/2019 Database: UST, Date of Government Version: 12/04/2020 Facility Id: 25251 Facility Id: FA0022930	5407 S NORMANDIE AVE	NNW 1/8 - 1/4 (0.244 mi.)	L73	357

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Brownfield lists**

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/11/2020 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FORMER TARGET SERVIC</b> Cleanup Completion Date: - ACRES property ID: 153361	<b>6121 S. VERMONT AVE.</b>	<b>SE 1/4 - 1/2 (0.462 mi.)</b>	<b>P86</b>	<b>388</b>

## EXECUTIVE SUMMARY

### **Local Lists of Landfill / Solid Waste Disposal Sites**

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 12/07/2020 has revealed that there are 2 SWRCY sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
D & R RECYCLING Cert Id: RC255039.001	5219 S VERMONT AVE	NE 1/4 - 1/2 (0.424 mi.)	83	380
TORRES RECYCLING Cert Id: RC247485.001	6111 S VERMONT AVE	SE 1/4 - 1/2 (0.443 mi.)	P84	381

### **Local Lists of Hazardous waste / Contaminated Sites**

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/19/2020 has revealed that there are 8 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SLAUSON AUTO RESTORA</b>	<b>1212 W SLAUSON AVE</b>	<b>ESE 0 - 1/8 (0.021 mi.)</b>	<b>B18</b>	<b>134</b>
<b>RAPID ANODIZING LLC</b>	<b>1216 W SLAUSON AVE</b>	<b>ESE 0 - 1/8 (0.022 mi.)</b>	<b>B31</b>	<b>196</b>
<b>EL SUPER #17</b>	<b>1100 W SLAUSON AVE</b>	<b>E 0 - 1/8 (0.095 mi.)</b>	<b>F41</b>	<b>248</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SOUTHWEST PLATING CO</b>	<b>1344 W SLAUSON AVE</b>	<b>WSW 0 - 1/8 (0.008 mi.)</b>	<b>A5</b>	<b>24</b>
<b>MJW INC DBA AMERICAN</b>	<b>1328 W SLAUSON AVE</b>	<b>WSW 0 - 1/8 (0.021 mi.)</b>	<b>A21</b>	<b>140</b>
<b>NORMANDIE AUTO CENTE</b>	<b>1355 W 58TH ST</b>	<b>WNW 0 - 1/8 (0.044 mi.)</b>	<b>E39</b>	<b>246</b>
<b>CALIFORNIA METAL PRO</b>	<b>1530 WEST SLAUSON AV</b>	<b>W 1/8 - 1/4 (0.203 mi.)</b>	<b>J62</b>	<b>284</b>
<b>RIVKAH INC</b>	<b>5407 S NORMANDIE AVE</b>	<b>NNW 1/8 - 1/4 (0.244 mi.)</b>	<b>L72</b>	<b>337</b>

### **Local Lists of Registered Storage Tanks**

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 10 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>A L L ROOFING BLDG M</b> Comp Number: 4200	<b>1234 W 58TH ST</b>	<b>ENE 0 - 1/8 (0.018 mi.)</b>	<b>C12</b>	<b>120</b>
<b>FOSTER PLANING MILL</b>	<b>1258 W 58TH ST</b>	<b>NNE 0 - 1/8 (0.018 mi.)</b>	<b>C13</b>	<b>120</b>

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Comp Number: 2511				
ALL ROOFING INC	1318 W 58TH ST	WNW 0 - 1/8 (0.019 mi.)	A16	133
Comp Number: 9001				
<b>A L L ROOFING &amp; BUIL</b>	<b>1212 W 58TH ST</b>	<b>ENE 0 - 1/8 (0.021 mi.)</b>	<b>B26</b>	<b>185</b>
Comp Number: 2225				
<b>JERSEYMAID MILK PROD</b>	<b>1040 W SLAUSON AVE</b>	<b>E 1/8 - 1/4 (0.188 mi.)</b>	<b>K59</b>	<b>276</b>
Comp Number: 889				
<b>T-MOBILE WEST, LLC L</b>	<b>5801 S. VERMONT AVE.</b>	<b>E 1/8 - 1/4 (0.244 mi.)</b>	<b>N71</b>	<b>333</b>
Comp Number: 255				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>METRO-MEDIA PAGING S</b>	<b>1500 W 58TH ST</b>	<b>W 1/8 - 1/4 (0.146 mi.)</b>	<b>I51</b>	<b>267</b>
Comp Number: 7556				
<b>ROBERT T KIEL</b>	<b>5514 S NORMANDIE AVE</b>	<b>NW 1/8 - 1/4 (0.159 mi.)</b>	<b>G53</b>	<b>269</b>
Status: A				
Comp Number: 4453				
<b>CALIFORNIA METAL PRO</b>	<b>1530 WEST SLAUSON AV</b>	<b>W 1/8 - 1/4 (0.203 mi.)</b>	<b>J62</b>	<b>284</b>
Comp Number: 2700				
<b>N.S SERVICE</b>	<b>5407 S NORMANDIE AVE</b>	<b>NNW 1/8 - 1/4 (0.244 mi.)</b>	<b>L74</b>	<b>357</b>
Status: A				
Tank Status: A				
Comp Number: 553				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 11 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FOSTER PLANING MILL</b>	<b>1258 W 58TH ST</b>	<b>NNE 0 - 1/8 (0.018 mi.)</b>	<b>C13</b>	<b>120</b>
FOSTER PLANING MILL	1258 W 58TH ST	NNE 0 - 1/8 (0.018 mi.)	C14	125
Facility Id: 00000066124				
<b>FOSTER PLANNING MILL</b>	<b>1258 W 58TH ST</b>	<b>NNE 0 - 1/8 (0.018 mi.)</b>	<b>C15</b>	<b>126</b>
Facility Id: 00000047208				
A.L.L. ROOFING & BUI	1212 W 58TH ST	ENE 0 - 1/8 (0.021 mi.)	B27	191
Facility Id: 00000041261				
<b>ALL ROOFING &amp; BUILDI</b>	<b>1212 W 58TH ST</b>	<b>ENE 0 - 1/8 (0.021 mi.)</b>	<b>B29</b>	<b>192</b>
JERSEYMAID MILK PROD	1040 W SLAUSON	E 1/8 - 1/4 (0.188 mi.)	K61	283
Facility Id: 00000007832				
<b>T-MOBILE WEST, LLC L</b>	<b>5801 S. VERMONT AVE.</b>	<b>E 1/8 - 1/4 (0.244 mi.)</b>	<b>N71</b>	<b>333</b>
Facility Id: 00000003733				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SOUTHWEST PLATING CO</b>	<b>1344 WEST SLAUSON AV</b>	<b>WSW 0 - 1/8 (0.008 mi.)</b>	<b>A4</b>	<b>9</b>
Facility Id: 00000050860				
SOUTHWEST PLATING CO	1344 WEST SLAUSON AV	WSW 0 - 1/8 (0.008 mi.)	A6	115
<b>CALIFORNIA METAL PRO</b>	<b>1530 WEST SLAUSON AV</b>	<b>W 1/8 - 1/4 (0.203 mi.)</b>	<b>J62</b>	<b>284</b>



## EXECUTIVE SUMMARY

Facility Id: 00000050512  
STATION 094 5407 S NORMANDIE NNW 1/8 - 1/4 (0.244 mi.) L75 360  
Facility Id: 00000005238

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/19/2020 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>RIVKAH INC</b>	<b>5407 S NORMANDIE AVE</b>	<b>NNW 1/8 - 1/4 (0.244 mi.)</b>	<b>L72</b>	<b>337</b>

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 9 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>A L L ROOFING BLDG M</b> Facility Id: 19054338 Status: I	<b>1234 W 58TH ST</b>	<b>ENE 0 - 1/8 (0.018 mi.)</b>	<b>C12</b>	<b>120</b>
<b>FOSTER PLANING MILL</b> Facility Id: 19009543 Status: I	<b>1258 W 58TH ST</b>	<b>NNE 0 - 1/8 (0.018 mi.)</b>	<b>C13</b>	<b>120</b>
<b>A L L ROOFING &amp; BUIL</b> Facility Id: 19012887 Status: I	<b>1212 W 58TH ST</b>	<b>ENE 0 - 1/8 (0.021 mi.)</b>	<b>B26</b>	<b>185</b>
<b>JERSEYMAID MILK PROD</b> Facility Id: 19001540 Status: I	<b>1040 W SLAUSON AVE</b>	<b>E 1/8 - 1/4 (0.188 mi.)</b>	<b>K59</b>	<b>276</b>
<b>T-MOBILE WEST, LLC L</b> Facility Id: 19023659 Status: I	<b>5801 S. VERMONT AVE.</b>	<b>E 1/8 - 1/4 (0.244 mi.)</b>	<b>N71</b>	<b>333</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>METRO-MEDIA PAGING S</b> Facility Id: 19010789 Status: I	<b>1500 W 58TH ST</b>	<b>W 1/8 - 1/4 (0.146 mi.)</b>	<b>I51</b>	<b>267</b>
<b>KIELS AUTO SERVICE</b> Facility Id: 19055798 Status: A	<b>5514 S NORMANDIE AVE</b>	<b>NW 1/8 - 1/4 (0.159 mi.)</b>	<b>G52</b>	<b>268</b>
<b>CALIFORNIA METAL PRO</b> Facility Id: 19054268 Status: I	<b>1530 WEST SLAUSON AV</b>	<b>W 1/8 - 1/4 (0.203 mi.)</b>	<b>J62</b>	<b>284</b>
<b>N.S SERVICE</b>	<b>5407 S NORMANDIE AVE</b>	<b>NNW 1/8 - 1/4 (0.244 mi.)</b>	<b>L74</b>	<b>357</b>

## EXECUTIVE SUMMARY

Facility Id: 19010697  
Status: A

### **Other Ascertainable Records**

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there are 10 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SLAUSON AUTO RESTORA EPA ID:: CAL000293324	1212 W SLAUSON AVE	ESE 0 - 1/8 (0.021 mi.)	B19	138
RAPID ANODIZING LLC EPA ID:: CAL000449880	1216 W SLAUSON AVE	ESE 0 - 1/8 (0.022 mi.)	B33	228
RAPID ANODIZING INC EPA ID:: CAL000421037	1216 W. SLAUSON AVE.	ESE 0 - 1/8 (0.022 mi.)	B34	231
EL SUPER #17 EPA ID:: CAL000381783	1100 W SLAUSON AVE	E 0 - 1/8 (0.095 mi.)	F42	254
BARBARA WALKER EPA ID:: CAC003036716	1109 W 57TH ST	ENE 1/8 - 1/4 (0.139 mi.)	49	264
MARICELA CHAVEZ EPA ID:: CAC003009375	1226 W. 59TH PLACE	SSE 1/8 - 1/4 (0.184 mi.)	54	269

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RNLA 1308 W 59TH ST EPA ID:: CAP000216820	1308 W 59TH ST	S 1/8 - 1/4 (0.127 mi.)	44	257
<b>ALL AMERICAN OIL CO</b> EPA ID:: CAD981166838	<b>1332 W 59TH PLACE</b>	<b>SSW 1/8 - 1/4 (0.184 mi.)</b>	<b>55</b>	<b>272</b>
RIVKAH INC EPA ID:: CAL000315380	5407 S NORMANDIE AVE	NNW 1/8 - 1/4 (0.244 mi.)	L76	361
DANIEL AUTO REPAIR EPA ID:: CAL000438494	6001 S NORMANDIE AVE	SSW 1/8 - 1/4 (0.247 mi.)	O78	366

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/17/2020 has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VONS/FORMER JERSEYMA</b>	<b>1040 SLAUSON AVE W</b>	<b>E 1/8 - 1/4 (0.188 mi.)</b>	<b>K60</b>	<b>279</b>

## EXECUTIVE SUMMARY

Cleanup Status: COMPLETED - CASE CLOSED

**FORMER TARGET SERVIC**                      **6121 VERMONT AVENUE**                      **SE 1/4 - 1/2 (0.462 mi.)**                      **P85**                      **381**  
Cleanup Status: OPEN - VERIFICATION MONITORING

**CHEVRON #2-295**                      **6219 VERMONT ST S**                      **SE 1/4 - 1/2 (0.474 mi.)**                      **87**                      **390**  
Cleanup Status: COMPLETED - CASE CLOSED

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>76 STATION #0914</b>	<b>5816 WESTERN AVE. S.</b>	<b>W 1/4 - 1/2 (0.488 mi.)</b>	<b>88</b>	<b>392</b>
Cleanup Status: COMPLETED - CASE CLOSED				

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOWARD CLEANERS	5909 S NORMANDIE AVE	SW 1/8 - 1/4 (0.135 mi.)	H46	260
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 11/17/2020				
KIM'S HOWARD CLEANER	5909 S NORMANDIE AVE	SW 1/8 - 1/4 (0.135 mi.)	H48	264
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 11/17/2020				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VONS/FORMER JERSEYMA</b>	<b>1040 SLAUSON AVE W</b>	<b>E 1/8 - 1/4 (0.188 mi.)</b>	<b>K60</b>	<b>279</b>
Reg Id: 900440016				

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and

## EXECUTIVE SUMMARY

non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN CALIFORNIA	S. ST. ANDREWS PLACE	WSW 1/2 - 1 (0.683 mi.)	93	439

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 7 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MILLER WALTER	1218 W SLAUSON AVE	E 0 - 1/8 (0.009 mi.)	B8	116
LUTHER F L	1212 W SLAUSON AVE	ESE 0 - 1/8 (0.021 mi.)	B20	140
CUSTOMER FIRST TRANS	1132 W 58TH ST	E 0 - 1/8 (0.063 mi.)	F40	247
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PALMER W R	1360 W SLAUSON AVE	WSW 0 - 1/8 (0.008 mi.)	A2	9
LOW W L	1344 W SLAUSON AVE	WSW 0 - 1/8 (0.008 mi.)	A3	9
EDMONDS CHAS	1346 W SLAUSON AVE	WSW 0 - 1/8 (0.008 mi.)	A7	116
YOUNG DOERNER	1400 W SLAUSON AVE	W 0 - 1/8 (0.028 mi.)	D35	235

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOWN WASH LAUNDRY	1232 W SLAUSON AVE	ESE 0 - 1/8 (0.018 mi.)	B9	116
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PURITAN SOFT WATER L	1348 W SLAUSON AVE	WSW 0 - 1/8 (0.021 mi.)	A25	185

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name

SOUTHERN CALIFORNIA DISPOSAL

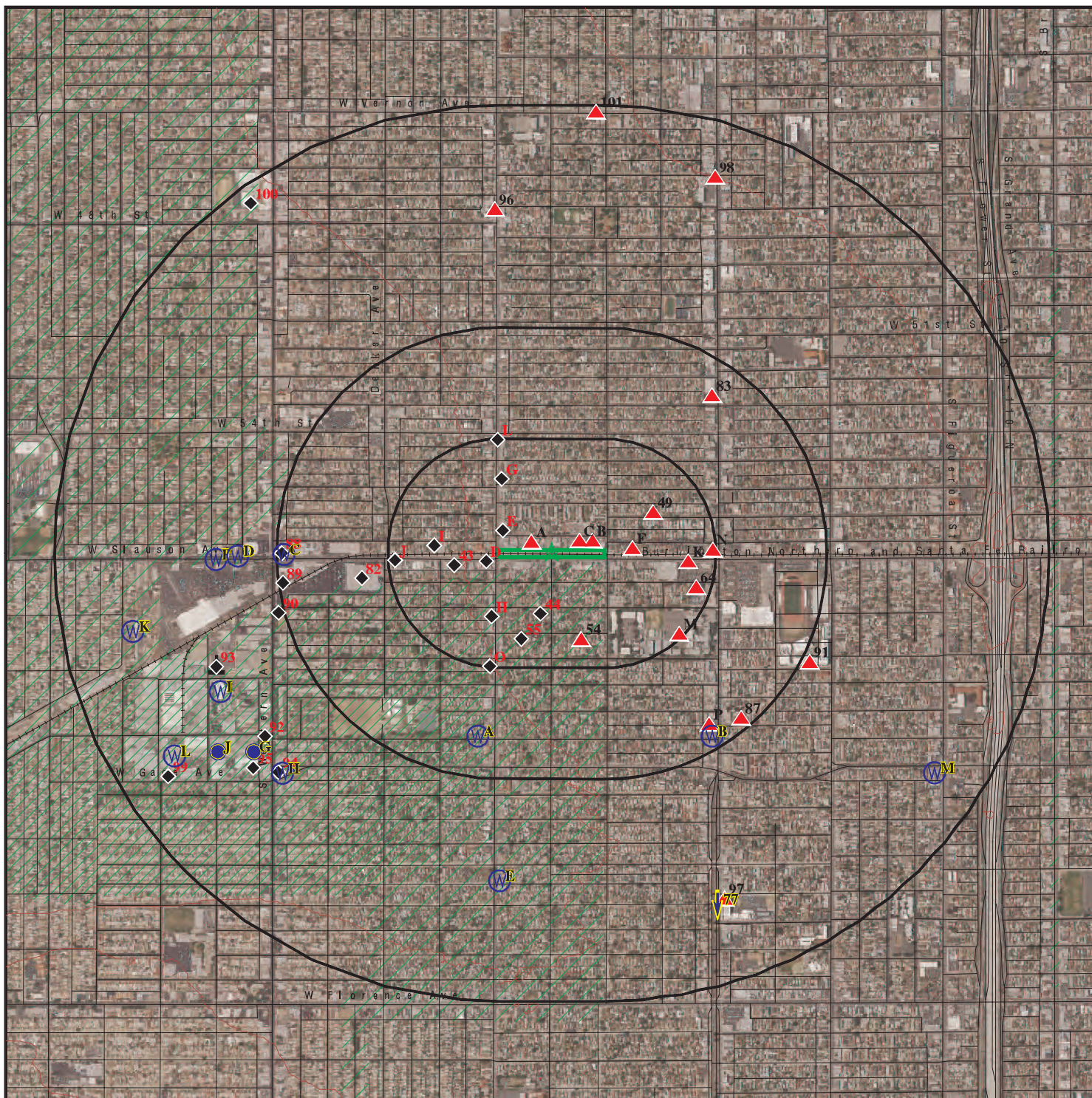
SWEDISH HAND LAUNDRY INC  
METRO RAIL TO RIVER PROJECT

Database(s)


SWF/LF, LOS ANGELES CO LF  
METHANE  
DRYCLEANERS  
ENVIROSTOR, VCP




# OVERVIEW MAP - 6404287.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property


 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites



 Indian Reservations BIA

 Areas of Concern

 Special Flood Hazard Area (1%)

 0.2% Annual Chance Flood Hazard



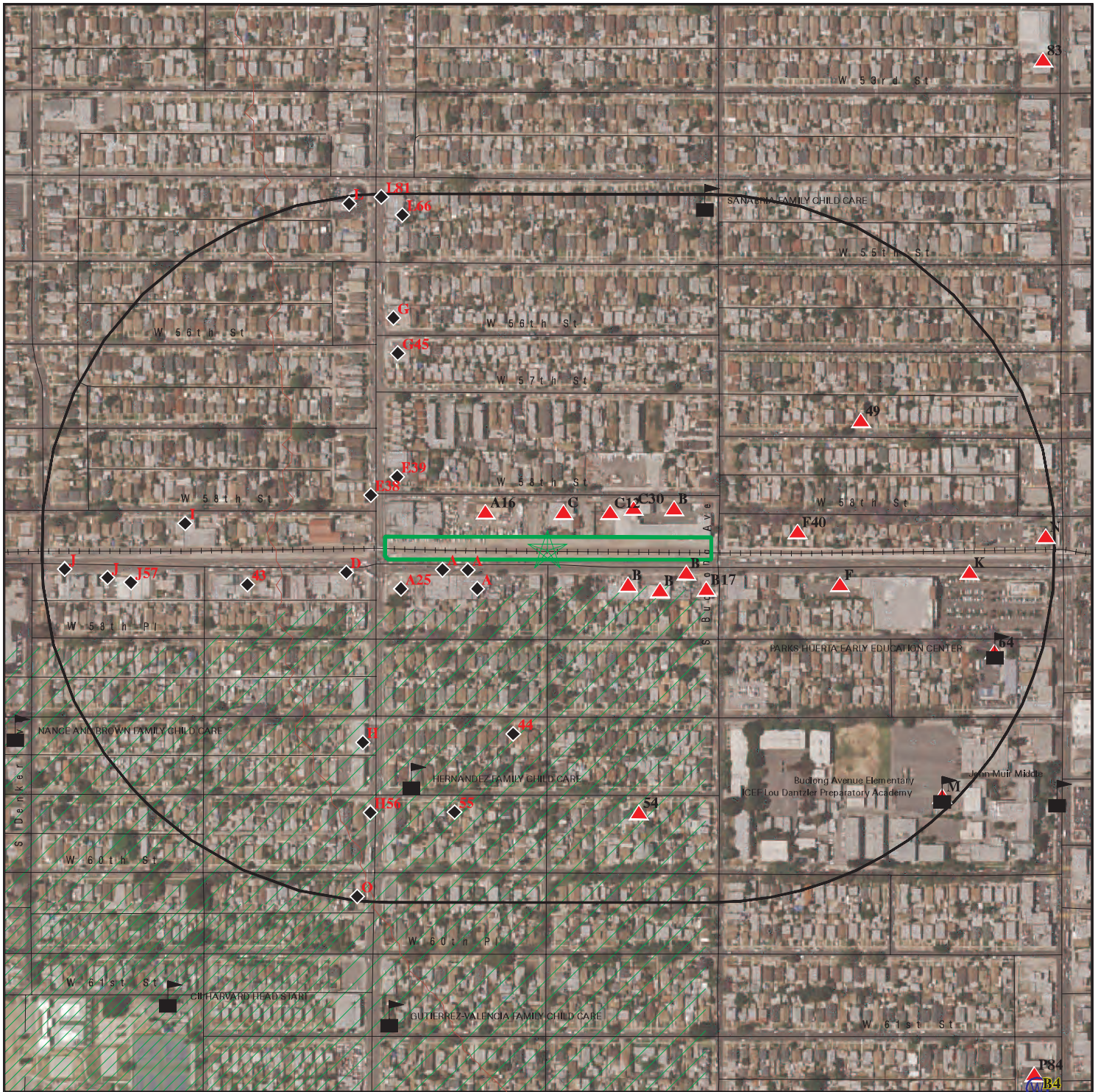
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.








SITE NAME: 5820 Normandie Ave  
 ADDRESS: 5820 Normandie Ave  
 Los Angeles CA 90044  
 LAT/LONG: 33.989314 / 118.298018

CLIENT: Ninyo & Moore  
 CONTACT: Patrick Cullip  
 INQUIRY #: 6404287.2s  
 DATE: March 12, 2021 5:35 pm






# DETAIL MAP - 6404287.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 5820 Normandie Ave  
 ADDRESS: 5820 Normandie Ave  
 Los Angeles CA 90044  
 LAT/LONG: 33.989314 / 118.298018

CLIENT: Ninyo & Moore  
 CONTACT: Patrick Cullip  
 INQUIRY #: 6404287.2s  
 DATE: March 12, 2021 5:39 pm



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	0	NR	NR	1
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		1	0	0	NR	NR	1
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		1	1	NR	NR	NR	2
RCRA-SQG	0.250		3	5	NR	NR	NR	8
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000		2	0	2	11	NR	15
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	1	3	NR	NR	4



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		3	8	NR	NR	NR	11
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	2	NR	NR	2
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		6	2	NR	NR	NR	8
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
SWEEPS UST	0.250		4	6	NR	NR	NR	10
HIST UST	0.250		7	4	NR	NR	NR	11
CERS TANKS	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		3	6	NR	NR	NR	9
<b>Local Land Records</b>								
LIENS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		4	6	NR	NR	NR	10
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	1	3	NR	NR	4
CUPA Listings	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	2	NR	NR	NR	2
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	0	NR	NR	1
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
LOS ANGELES CO LF METHANE	TP		0	0	0	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<b><i>EDR Exclusive Records</i></b>								
EDR MGP	1.000		0	0	0	1	NR	1
EDR Hist Auto	0.125		7	NR	NR	NR	NR	7
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	44	44	11	12	0	111

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

<b>A1</b> <b>WSW</b> < 1/8 0.008 mi. 40 ft.	<b>GUS BRIGANTINO SOUTHWEST PLATING</b> <b>1360 W SLAUSON AVE</b> <b>LOS ANGELES, CA 90044</b>  <b>Site 1 of 13 in cluster A</b>  <b>Relative:</b> LOS ANGELES HM: <b>Lower</b> Name: GUS BRIGANTINO SOUTHWEST PLATING Address: 1360 W SLAUSON AVE <b>Actual:</b> City,State,Zip: LOS ANGELES, CA 90044 141 ft. Facility ID: FA0009500 Last Run Date: 06/01/2019 Status: INACTIVE	<b>HAZMAT</b>	<b>S123544592</b> <b>N/A</b>
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<b>A2</b> <b>WSW</b> < 1/8 0.008 mi. 40 ft.	<b>PALMER W R</b> <b>1360 W SLAUSON AVE</b> <b>LOS ANGELES, CA</b>  <b>Site 2 of 13 in cluster A</b>  <b>Relative:</b> EDR Hist Auto <b>Lower</b>  <b>Actual:</b> Year: Name: Type: 141 ft. 1942 PALMER W R GASOLINE AND OIL SERVICE STATIONS	<b>EDR Hist Auto</b>	<b>1009082978</b> <b>N/A</b>
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<b>A3</b> <b>WSW</b> < 1/8 0.008 mi. 41 ft.	<b>LOW W L</b> <b>1344 W SLAUSON AVE</b> <b>LOS ANGELES, CA</b>  <b>Site 3 of 13 in cluster A</b>  <b>Relative:</b> EDR Hist Auto <b>Lower</b>  <b>Actual:</b> Year: Name: Type: 141 ft. 1924 LOW W L AUTOMOBILE REPAIRING	<b>EDR Hist Auto</b>	<b>1009079604</b> <b>N/A</b>
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<b>A4</b> <b>WSW</b> < 1/8 0.008 mi. 41 ft.	<b>SOUTHWEST PLATING COMPANY, LLC</b> <b>1344 WEST SLAUSON AVE.</b> <b>LOS ANGELES, CA 90044</b>  <b>Site 4 of 13 in cluster A</b>  <b>Relative:</b> <b>Lower</b>  <b>Actual:</b> SEMS: 141 ft. Site ID: 0905873 EPA ID: CAD008331506 Name: SOUTHWEST PLATING Address: 1344 W. SLAUSON Address 2: Not reported City,State,Zip: LOS ANGELES, CA 90011 Cong District: Not reported FIPS Code: 06037 Latitude: Not reported Longitude: Not reported FF: N	<b>SEMS</b> <b>RCRA-LQG</b> <b>ENVIROSTOR</b> <b>HIST UST</b> <b>FINDS</b> <b>ECHO</b> <b>EMI</b> <b>WDS</b>	<b>1000411006</b> <b>CAD008331506</b>
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Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

NPL: Not on the NPL  
Non NPL Status: SI Start Needed

SEMS Detail:

Region: 09  
Site ID: 0905873  
EPA ID: CAD008331506  
Site Name: SOUTHWEST PLATING  
NPL: N  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 2001-06-27 04:00:00  
Finish Date: 6/27/2001 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0905873  
EPA ID: CAD008331506  
Site Name: SOUTHWEST PLATING  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: 2014-07-01 04:00:00  
Finish Date: 8/26/2015 5:00:00 AM  
Qual: H  
Current Action Lead: St Perf

Region: 09  
Site ID: 0905873  
EPA ID: CAD008331506  
Site Name: SOUTHWEST PLATING  
NPL: N  
FF: N  
OU: 00  
Action Code: HX  
Action Name: PRE-CERC  
SEQ: 1  
Start Date: 2001-06-27 04:00:00  
Finish Date: 6/27/2001 4:00:00 AM  
Qual: Not reported  
Current Action Lead: St Perf

RCRA-LQG:

Date Form Received by Agency: 2013-01-18 00:00:00.0  
Handler Name: SOUTHWEST PLATING COMPANY, LLC  
Handler Address: 1344 WEST SLAUSON AVE.  
Handler City,State,Zip: LOS ANGELES, CA 90044  
EPA ID: CAD008331506  
Contact Name: TOM BRIGANTINO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Contact Address:	WEST SLAUSON AVE.
Contact City,State,Zip:	LOS ANGELES, CA 90044
Contact Telephone:	323-753-3781
Contact Fax:	323-753-9472
Contact Email:	Not reported
Contact Title:	PARTNER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2011
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	WEST SLAUSON AVE.
Mailing City,State,Zip:	LOS ANGELES, CA 90044
Owner Name:	TOM BRIGANRINO
Owner Type:	Private
Operator Name:	RALPH BRIGANRINO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDU Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2013-03-04 15:58:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2011

[Click Here for Biennial Reporting System Data:](#)

Year: 2009

[Click Here for Biennial Reporting System Data:](#)

Year: 2007

[Click Here for Biennial Reporting System Data:](#)

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D002  
Waste Description: CORROSIVE WASTE

Waste Code: D003  
Waste Description: REACTIVE WASTE

Waste Code: D005  
Waste Description: BARIUM

Waste Code: D006  
Waste Description: CADMIUM

Waste Code: D007  
Waste Description: CHROMIUM

Waste Code: D008  
Waste Description: LEAD

Waste Code: D009  
Waste Description: MERCURY



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Waste Code: D010  
Waste Description: SELENIUM

Waste Code: D011  
Waste Description: SILVER

Waste Code: F002  
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006  
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: TOM BRIGANRINO  
Legal Status: Private  
Date Became Current: 2008-05-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1344 WEST SLAUSON AVE.  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90044  
Owner/Operator Telephone: 323-753-3781  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: TOM BRIGANTINO  
Legal Status: Private  
Date Became Current: 1963-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: TOM BRIGANTINO  
Legal Status: Private  
Date Became Current: 1943-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1344 WEST SLAUSON AVENUE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Owner/Operator City,State,Zip: LOS ANGELES, CA 90044  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: TOM BRIGANRINO  
Legal Status: Private  
Date Became Current: 1963-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: TOM BRIGANRINO  
Legal Status: Private  
Date Became Current: 1963-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1344 WEST SLAUSON AVE.  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90044  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: NOT REQUIRED  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: TOM BRIGANRINO  
Legal Status: Private  
Date Became Current: 1963-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: RALPH BRIGANRINO  
Legal Status: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Date Became Current:	2008-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1344 WEST SLAUSON AVE.
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90044
Owner/Operator Telephone:	323-753-3781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRIGANTINO GUS OWNER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOM BRIGANRINO
Legal Status:	Private
Date Became Current:	1963-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1344 WEST SLAUSON AVE.
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90044
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOM BRIGANTINO
Legal Status:	Private
Date Became Current:	1963-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOM BRIGANTINO
Legal Status:	Private
Date Became Current:	1943-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1344 WEST SLAUSON AVENUE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90044
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Historic Generators:

Receive Date: 2010-09-16 00:00:00.0  
Handler Name: SOUTHWEST PLATING COMPANY, LLC  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2013-01-18 00:00:00.0  
Handler Name: SOUTHWEST PLATING COMPANY, LLC  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1996-09-01 00:00:00.0  
Handler Name: SOUTHWEST PLATING CO  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2006-02-27 00:00:00.0  
Handler Name: SOUTHWEST PLATING COMPANY  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1980-08-18 00:00:00.0  
Handler Name: SOUTHWEST PLATING CO  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: CA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2006-02-27 00:00:00.0  
Handler Name: SOUTHWEST PLATING COMPANY  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2008-02-20 00:00:00.0  
Handler Name: SOUTHWEST PLATING COMPANY, LLC  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 332813  
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-07-21 00:00:00.0
Actual Return to Compliance Date:	2008-11-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-10-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	JPOLE
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

**Evaluation Action Summary:**

Evaluation Date:	2015-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-07-21 00:00:00.0
Evaluation Responsible Agency:	EPA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JPOLE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2008-11-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-09-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

**ENVIROSTOR:**

Name:	SOUTHWEST PLATING CO.
Address:	1344 W SLAUSON AVE
City,State,Zip:	LOS ANGELES, CA 90044
Facility ID:	71002192
Status:	Refer: EPA
Status Date:	10/30/2018
Site Code:	301685
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	5
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Folashade Simpson
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	30
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.98903
Longitude:	-118.2996
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD008331506
Alias Type:	EPA Identification Number



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Alias Name: 110002632553  
Alias Type: EPA (FRS #)  
Alias Name: 301202  
Alias Type: Site Code - Historical  
Alias Name: 301685  
Alias Type: Project Code (Site Code)  
Alias Name: 301685  
Alias Type: Project Code (Site Code)  
Alias Name: 71002192  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Plating and Sump area located at 1344 West Slauson Avenue  
Completed Sub Area Name: Not reported  
Completed Document Type: PA/SI Reassessment  
Completed Date: 10/08/2014  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

HIST UST:

Name: SOUTHWEST PLATING COMPANY  
Address: 1344 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000050860  
Facility Type: Other  
Other Type: METAL FINISHING  
Contact Name: TOM BRIGANTINO  
Telephone: 2137533781  
Owner Name: SOUTHWEST PLATING COMPANY  
Owner Address: 1344 WEST SLAUSON AVENUE  
Owner City,St,Zip: LOS ANGELES, CA 90044  
Total Tanks: 0002

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000405  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Tank Capacity: 00000405  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Visual

**FINDS:**

Registry ID: 110002632553

Click Here:

Environmental Interest/Information System:

AIR EMISSIONS CLASSIFICATION UNKNOWN  
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RISK AND TECHNOLOGY REVIEW

SUPERFUND (NON-NPL)

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1000411006  
Registry ID: 110002632553  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002632553>  
Name: SW PLATING CO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Address: 1344 WEST SLAUSON AVENUE  
City,State,Zip: LOS ANGELES, CA 90044

**EMI:**

Name: SW PLATING CO  
Address: 1344 W. SLAUSON AVE.  
City,State,Zip: LOS ANGELES, CA 90044  
Year: 1987  
County Code: 19  
Air Basin: SC  
Facility ID: 9489  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: SW PLATING CO  
Address: 1344 W. SLAUSON AVE.  
City,State,Zip: LOS ANGELES, CA 90044  
Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 9489  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

**WDS:**

Name: SOUTHWEST PLATING CO.  
Address: 1344 W. SLAUSON AVE.  
City: LOS ANGELES  
Facility ID: 4 19I003448  
Facility Type: Not reported  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SOUTHWEST PLATING COMPANY, LLC (Continued)**

**1000411006**

Facility Contact: Not reported  
 Agency Name: TOM BRIGANTINO  
 Agency Address: Not reported  
 Agency City,St,Zip: 0  
 Agency Contact: Not reported  
 Agency Telephone: Not reported  
 Agency Type: Not reported  
 SIC Code: 0  
 SIC Code 2: Not reported  
 Primary Waste Type: Not reported  
 Primary Waste: Not reported  
 Waste Type2: Not reported  
 Waste2: Not reported  
 Primary Waste Type: Not reported  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Design Flow: 0  
 Baseline Flow: 0  
 Reclamation: Not reported  
 POTW: Not reported  
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**A5**  
**WSW**  
**< 1/8**  
**0.008 mi.**  
**41 ft.**

**SOUTHWEST PLATING CO**  
**1344 W SLAUSON AVE**  
**LOS ANGELES, CA 90044**  
**Site 5 of 13 in cluster A**

**CERS HAZ WASTE**  
**HAZNET**  
**HAZMAT**  
**CERS**  
**HWTS**

**S112999313**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**141 ft.**

**CERS HAZ WASTE:**  
 Name: SOUTHWEST PLATING CO  
 Address: 1344 W SLAUSON AVE  
 City,State,Zip: LOS ANGELES, CA 90044  
 Site ID: 402628  
 CERS ID: 10240627  
 CERS Description: Hazardous Waste Generator  
  
 Name: SOUTHWEST PLATING CO  
 Address: 1344 W SLAUSON AVE  
 City,State,Zip: LOS ANGELES, CA 90044  
 Site ID: 402628  
 CERS ID: 10240627  
 CERS Description: Hazardous Waste Onsite Treatment  
  
**HAZNET:**  
 Name: SOUTHWEST PLATING CO  
 Address: 1344 W SLAUSON AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Address 2:	Not reported
City,State,Zip:	LOS ANGELES, CA 900442824
Contact:	RALPH BRIGANTINO PARTNER
Telephone:	3237533781
Mailing Name:	Not reported
Mailing Address:	1344 W SLAUSON AVE
Year:	2019
Gepaid:	CAD008331506
TSD EPA ID:	CAT000646117
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons:	0.10250
Year:	2019
Gepaid:	CAD008331506
TSD EPA ID:	CAD044429835
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.27500
Year:	2019
Gepaid:	CAD008331506
TSD EPA ID:	NVT330010000
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.67870
Year:	2019
Gepaid:	CAD008331506
TSD EPA ID:	CAT000646117
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons:	1.30000
Year:	2019
Gepaid:	CAD008331506
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.00000
Year:	2019
Gepaid:	CAD008331506
TSD EPA ID:	NVT330010000
CA Waste Code:	723 - Liquids with chromium (VI) >= 500 Mg./L
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons:	1.14675
Year:	2019
Gepaid:	CAD008331506

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

TSD EPA ID:	NVT330010000
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons:	0.69300
Year:	2018
Gepaid:	CAD008331506
TSD EPA ID:	NVT330010000
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons:	0.59500
Year:	2018
Gepaid:	CAD008331506
TSD EPA ID:	CAT000646117
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons:	1.00000
Year:	2018
Gepaid:	CAD008331506
TSD EPA ID:	CAD097030993
CA Waste Code:	711 - Liquids with cyanides >= 1,000 Mg./L
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935

[Click this hyperlink](#) while viewing on your computer to access 165 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2013
Gen EPA ID:	CAD008331506
Shipment Date:	20131220
Creation Date:	5/14/2014 22:15:08
Receipt Date:	20131226
Manifest ID:	012208594JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000093906
Trans 2 Name:	ZAMORA TRUCKING
TSD EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSD Alt EPA ID:	Not reported
TSD Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131220
Creation Date:	5/14/2014 22:15:08
Receipt Date:	20131226
Manifest ID:	012208594JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000093906
Trans 2 Name:	ZAMORA TRUCKING
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131220
Creation Date:	3/2/2014 22:15:06
Receipt Date:	20131227
Manifest ID:	012208593JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131220

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Creation Date:	2/24/2014 22:15:29
Receipt Date:	20131230
Manifest ID:	012208592JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130911
Creation Date:	11/1/2013 22:15:05
Receipt Date:	20130913
Manifest ID:	011614552JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130911
Creation Date:	1/17/2014 22:15:06
Receipt Date:	20130916
Manifest ID:	011614553JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130911
Creation Date:	1/17/2014 22:15:06
Receipt Date:	20130916
Manifest ID:	011614553JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130911
Creation Date:	10/29/2013 22:15:09
Receipt Date:	20130920
Manifest ID:	011614551JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130911
Creation Date:	1/17/2014 22:15:06
Receipt Date:	20130916
Manifest ID:	011614553JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130712
Creation Date:	11/16/2013 22:15:06
Receipt Date:	20130719
Manifest ID:	011616760JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2014  
Gen EPA ID: CAD008331506

Shipment Date: 20141002  
Creation Date: 6/24/2015 22:15:33  
Receipt Date: 20141009  
Manifest ID: 013367547JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAR000189928  
Trans 2 Name: JAG NV TRANSPORT  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: F006  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.35  
Waste Quantity: 700  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20140826  
Creation Date: 10/31/2014 22:14:44  
Receipt Date: 20140829  
Manifest ID: 013366578JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO KERDOON  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Quantity Tons: 0.2085  
Waste Quantity: 50  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Shipment Date:	20140826
Creation Date:	2/9/2015 22:15:16
Receipt Date:	20140902
Manifest ID:	013366579JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAL000397106
Trans 2 Name:	JAG NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	- Not reported
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140826
Creation Date:	2/9/2015 22:15:16
Receipt Date:	20140902
Manifest ID:	013366579JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAL000397106
Trans 2 Name:	JAG NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140826
Creation Date:	10/26/2014 22:15:13
Receipt Date:	20140905
Manifest ID:	013366577JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140506
Creation Date:	7/12/2014 22:15:07
Receipt Date:	20140509
Manifest ID:	012849746JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140506
Creation Date:	10/10/2014 22:15:06
Receipt Date:	20140508
Manifest ID:	012849747JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As

Map ID  
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MAP FINDINGS

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**SOUTHWEST PLATING CO (Continued)**

**S112999313**

	Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140320
Creation Date:	4/30/2014 22:15:24
Receipt Date:	20140326
Manifest ID:	012379494JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	D003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140320
Creation Date:	5/24/2014 22:15:06
Receipt Date:	20140328
Manifest ID:	012379495JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	D005
Additional Code 2:	D003
Additional Code 3:	D002

Map ID  
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Distance  
Elevation

MAP FINDINGS

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**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140320
Creation Date:	5/20/2014 22:14:59
Receipt Date:	20140325
Manifest ID:	012379496JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1996
Gen EPA ID:	CAD008331506
Shipment Date:	19961106
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961130
Manifest ID:	92659877
Trans EPA ID:	CAD982440364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961106

Map ID  
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EDR ID Number  
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**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Creation Date: 5/20/1997 0:00:00  
Receipt Date: 19961130  
Manifest ID: 92659877  
Trans EPA ID: CAD982440364  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.0375  
Waste Quantity: 75  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19961106  
Creation Date: 5/20/1997 0:00:00  
Receipt Date: 19961115  
Manifest ID: 92659914  
Trans EPA ID: CAD982440364  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080022148  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: F001  
Meth Code: - Not reported  
Quantity Tons: 0.209  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19961106  
Creation Date: 5/20/1997 0:00:00  
Receipt Date: 19961130  
Manifest ID: 92659877  
Trans EPA ID: CAD982440364  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported



Map ID  
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Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D006  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19961106  
Creation Date: 5/20/1997 0:00:00  
Receipt Date: 19961115  
Manifest ID: 92659914  
Trans EPA ID: CAD982440364  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT080022148  
Trans Name: Not reported  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: F001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.209  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19961106  
Creation Date: 5/20/1997 0:00:00  
Receipt Date: 19961130  
Manifest ID: 92659877  
Trans EPA ID: CAD982440364  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD097030993  
Trans Name: Not reported  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D006  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2008  
Gen EPA ID: CAD008331506

Shipment Date: 20081222  
Creation Date: 4/16/2009 18:30:10  
Receipt Date: 20081224  
Manifest ID: 005543220JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.07  
Waste Quantity: 140  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20081222  
Creation Date: 4/16/2009 18:30:10  
Receipt Date: 20081224  
Manifest ID: 005543220JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: F006  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 5:	Not reported
Shipment Date:	20081222
Creation Date:	4/16/2009 18:30:10
Receipt Date:	20081224
Manifest ID:	005543220JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081222
Creation Date:	2/17/2009 18:30:08
Receipt Date:	20081230
Manifest ID:	005543217JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D006
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081222
Creation Date:	2/17/2009 18:30:08
Receipt Date:	20081230
Manifest ID:	005543217JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD008488025  
Trans Name: PHIBRO TECH  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: D006  
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect  
Quantity Tons: 0.231  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20081222  
Creation Date: 2/17/2009 18:30:19  
Receipt Date: 20081230  
Manifest ID: 005543218JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: SIEMENS WATER TECHNOLOGIES CORP  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: D006  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 1.155  
Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20081222  
Creation Date: 3/9/2009 18:30:30  
Receipt Date: 20081224  
Manifest ID: 005543219JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO KERDOON  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect

Quantity Tons: 0.209  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20081222  
Creation Date: 4/16/2009 18:30:10  
Receipt Date: 20081224  
Manifest ID: 005543220JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 723 - Liquids with chromium (VI) > 500 mg/l  
RCRA Code: D007  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.68805  
Waste Quantity: 165  
Quantity Unit: G  
Additional Code 1: D002  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20081107  
Creation Date: 1/14/2009 18:30:08  
Receipt Date: 20081111  
Manifest ID: 004928394JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO KERDOON  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect

Quantity Tons: 0.209  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20081107  
Creation Date: 3/31/2009 18:30:08  
Receipt Date: 20081111  
Manifest ID: 004928395JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: F006  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.0275  
Waste Quantity: 55  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 1997  
Gen EPA ID: CAD008331506

Shipment Date: 19971219  
Creation Date: 3/31/1998 0:00:00  
Receipt Date: 19971224  
Manifest ID: 97309775  
Trans EPA ID: CA0000970392  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D006  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Info:

Year:	1999
Gen EPA ID:	CAD008331506
Shipment Date:	19991230
Creation Date:	4/4/2000 0:00:00
Receipt Date:	20000105
Manifest ID:	99785524
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD097030993
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D003
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991230
Creation Date:	2/15/2000 0:00:00
Receipt Date:	Not reported
Manifest ID:	99785525
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991230
Creation Date:	4/4/2000 0:00:00
Receipt Date:	20000105
Manifest ID:	99785524
Trans EPA ID:	CA0000970392

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD097030993  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.04  
Waste Quantity: 80  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19991230  
Creation Date: 4/4/2000 0:00:00  
Receipt Date: 20000105  
Manifest ID: 99785524  
Trans EPA ID: CA0000970392  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD097030993  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D006  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.2  
Waste Quantity: 400  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2011  
Gen EPA ID: CAD008331506

Shipment Date: 20111216  
Creation Date: 4/26/2012 20:30:19  
Receipt Date: 20111227  
Manifest ID: 009281512JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111212
Creation Date:	3/16/2012 20:30:17
Receipt Date:	20111216
Manifest ID:	009281718JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.268
Waste Quantity:	540
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111111
Creation Date:	5/24/2012 20:30:25
Receipt Date:	20111118
Manifest ID:	009280938JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	- Not reported
Quantity Tons:	1.134
Waste Quantity:	270

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111111
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111117
Manifest ID:	009280939JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	723 - Liquids with chromium (VI) > 500 mg/l
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111111
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111117
Manifest ID:	009280939JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.425
Waste Quantity:	850
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Shipment Date:	20111111
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111117
Manifest ID:	009280939JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111111
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111117
Manifest ID:	009280939JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111111
Creation Date:	1/20/2012 20:31:14
Receipt Date:	20111116
Manifest ID:	009280937JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	2.2518
Waste Quantity:	540
Quantity Unit:	G
Additional Code 1:	D006
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110909
Creation Date:	2/15/2012 20:30:21
Receipt Date:	20110915
Manifest ID:	008780364JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110809
Creation Date:	11/20/2012 22:15:16
Receipt Date:	20110812
Manifest ID:	008779605JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189978
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D005
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As

Map ID  
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Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.25  
Waste Quantity: 500  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1995  
Gen EPA ID: CAD008331506

Shipment Date: 19951113  
Creation Date: 7/26/1996 0:00:00  
Receipt Date: 19951114  
Manifest ID: 95667702  
Trans EPA ID: CAT982518433  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD089446710  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.418  
Waste Quantity: 110  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19951113  
Creation Date: 7/26/1996 0:00:00  
Receipt Date: 19951114  
Manifest ID: 95667702  
Trans EPA ID: CAT982518433  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD089446710  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: D006  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.125  
Waste Quantity: 250  
Quantity Unit: P  
Additional Code 1: Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1998  
Gen EPA ID: CAD008331506

Shipment Date: 19981201  
Creation Date: 2/26/1999 0:00:00  
Receipt Date: 19981204  
Manifest ID: 98816123  
Trans EPA ID: CA0000970392  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D006  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.3  
Waste Quantity: 600  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19981201  
Creation Date: 2/26/1999 0:00:00  
Receipt Date: 19981204  
Manifest ID: 98816123  
Trans EPA ID: CA0000970392  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D003  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.8  
Waste Quantity: 1600  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Shipment Date: 19981007  
Creation Date: 12/17/1998 0:00:00  
Receipt Date: 19981013  
Manifest ID: 98443944  
Trans EPA ID: CA0000970392  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.6  
Waste Quantity: 1200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19981007  
Creation Date: 12/17/1998 0:00:00  
Receipt Date: 19981013  
Manifest ID: 98443944  
Trans EPA ID: CA0000970392  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.3  
Waste Quantity: 600  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 2012  
Gen EPA ID: CAD008331506

Shipment Date: 20121126  
Creation Date: 6/16/2013 22:15:06  
Receipt Date: Not reported  
Manifest ID: 010763892JJK  
Trans EPA ID: CAR000188201

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.22101
Waste Quantity:	53
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121012
Creation Date:	8/17/2013 22:15:07
Receipt Date:	20121018
Manifest ID:	010563288JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121012
Creation Date:	8/17/2013 22:15:07
Receipt Date:	20121018
Manifest ID:	010563288JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

RCRA Code: F006  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.6  
Waste Quantity: 1200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20120712  
Creation Date: 5/29/2013 22:15:25  
Receipt Date: 20120717  
Manifest ID: 010229283JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAR000189928  
Trans 2 Name: NV TRANSPORT  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 723 - Liquids with chromium (VI) > 500 mg/l  
RCRA Code: D007  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 1.14675  
Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: D002  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20120606  
Creation Date: 5/30/2013 22:15:07  
Receipt Date: 20120607  
Manifest ID: 009805283JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAR000189928  
Trans 2 Name: NV TRANSPORT  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: D006  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.231  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120530
Creation Date:	5/30/2013 22:15:07
Receipt Date:	20120607
Manifest ID:	007704171JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2.31
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120530
Creation Date:	5/28/2013 22:15:05
Receipt Date:	20120605
Manifest ID:	009804974JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120530
Creation Date:	5/28/2013 22:15:05

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Receipt Date: 20120605  
Manifest ID: 009804974JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT INC  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: D006  
Meth Code: - Not reported  
Quantity Tons: 0.231  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20120530  
Creation Date: 5/28/2013 22:15:05  
Receipt Date: 20120605  
Manifest ID: 009804974JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT INC  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.05  
Waste Quantity: 100  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20120530  
Creation Date: 5/28/2013 22:15:05  
Receipt Date: 20120605  
Manifest ID: 009804974JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT INC  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D005
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2000
Gen EPA ID:	CAD008331506
Shipment Date: 20000126	
Creation Date: 4/28/2000 0:00:00	
Receipt Date: 20000202	
Manifest ID: 99794716	
Trans EPA ID: CA0000970392	
Trans Name: Not reported	
Trans 2 EPA ID: Not reported	
Trans 2 Name: Not reported	
TSDf EPA ID: CAT080033681	
Trans Name: Not reported	
TSDf Alt EPA ID: Not reported	
TSDf Alt Name: Not reported	
Waste Code Description: 181 - Other inorganic solid waste Organics	
RCRA Code: Not reported	
Meth Code: D80 - Disposal, Land Fill	
Quantity Tons: 0.125	
Waste Quantity: 250	
Quantity Unit: P	
Additional Code 1: Not reported	
Additional Code 2: Not reported	
Additional Code 3: Not reported	
Additional Code 4: Not reported	
Additional Code 5: Not reported	
Additional Info:	
Year:	2015
Gen EPA ID:	CAD008331506
Shipment Date: 20151224	
Creation Date: 3/5/2016 22:15:15	
Receipt Date: 20151229	
Manifest ID: 015348170JJK	
Trans EPA ID: CAR000188201	
Trans Name: ENVIRONMENTAL RECOVERY SERVICES	
Trans 2 EPA ID: Not reported	
Trans 2 Name: Not reported	
TSDf EPA ID: CAT080013352	

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151224
Creation Date:	10/10/2016 18:30:40
Receipt Date:	20151231
Manifest ID:	015348153JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151224
Creation Date:	3/3/2016 22:15:11
Receipt Date:	20151231
Manifest ID:	015348152JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151224
Creation Date:	3/3/2016 22:15:11
Receipt Date:	20151231
Manifest ID:	015348152JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150917
Creation Date:	11/4/2015 22:15:42
Receipt Date:	20150923
Manifest ID:	015055848JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	D003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 5:	Not reported
Shipment Date:	20150917
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150921
Manifest ID:	015055849JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150826
Creation Date:	2/5/2016 22:15:23
Receipt Date:	20150831
Manifest ID:	015052761JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150826
Creation Date:	2/5/2016 22:15:23
Receipt Date:	20150831
Manifest ID:	015052761JJK
Trans EPA ID:	CAR000188201

Map ID  
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MAP FINDINGS

Site

Database(s)

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EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAD982030173  
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
  
Quantity Tons: 0.075  
Waste Quantity: 150  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20150826  
Creation Date: 11/4/2015 22:15:36  
Receipt Date: 20150828  
Manifest ID: 015052760JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO KERDOON  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
  
Quantity Tons: 0.1668  
Waste Quantity: 40  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20150826  
Creation Date: 11/4/2015 22:15:23  
Receipt Date: 20150831  
Manifest ID: 015052759JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: EVOQUA WATER TECHNOLOGIES LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported



Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Waste Code Description: 711 - Liquids with cyanides > 1000 mg/l  
RCRA Code: D007  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.1668  
Waste Quantity: 40  
Quantity Unit: G  
Additional Code 1: D006  
Additional Code 2: D003  
Additional Code 3: D002  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2010  
Gen EPA ID: CAD008331506

Shipment Date: 20101116  
Creation Date: 4/27/2011 18:30:07  
Receipt Date: 20101119  
Manifest ID: 007704164JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAR000189928  
Trans 2 Name: NV TRANSPORT  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: F006  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.25  
Waste Quantity: 500  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20101116  
Creation Date: 1/12/2011 18:30:09  
Receipt Date: 20101118  
Manifest ID: 007704163JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: SIEMENS WATER TECHNOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: D006  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Quantity Tons:	Treatment/Reovery (H010-H129) Or (H131-H135) 1.155
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101116
Creation Date:	4/27/2011 18:30:07
Receipt Date:	20101119
Manifest ID:	007704164JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1625
Waste Quantity:	325
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101116
Creation Date:	4/27/2011 18:30:07
Receipt Date:	20101119
Manifest ID:	007704164JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101116
Creation Date:	1/12/2011 18:30:24
Receipt Date:	20101124
Manifest ID:	007704162JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101116
Creation Date:	1/12/2011 18:30:24
Receipt Date:	20101124
Manifest ID:	007704162JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D006
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101116
Creation Date:	4/27/2011 18:30:07
Receipt Date:	20101119
Manifest ID:	007704164JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans 2 EPA ID: CAR000189928  
Trans 2 Name: NV TRANSPORT  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 723 - Liquids with chromium (VI) > 500 mg/l  
RCRA Code: D007  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
  
Quantity Tons: 0.417  
Waste Quantity: 100  
Quantity Unit: G  
Additional Code 1: D002  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20101012  
Creation Date: 3/3/2011 18:30:18  
Receipt Date: 20101018  
Manifest ID: 007703206JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 123 - Unspecified alkaline solution  
RCRA Code: D002  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
  
Quantity Tons: 0.44202  
Waste Quantity: 106  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20100818  
Creation Date: 2/1/2011 18:30:08  
Receipt Date: 20100823  
Manifest ID: 007701856JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 723 - Liquids with chromium (VI) > 500 mg/l

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

RCRA Code: D007  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.44202  
Waste Quantity: 106  
Quantity Unit: G  
Additional Code 1: D002  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20100818  
Creation Date: 11/3/2010 18:30:24  
Receipt Date: 20100824  
Manifest ID: 007701855JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: SIEMENS WATER TECHNOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: D006  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 1.155  
Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2007  
Gen EPA ID: CAD008331506

Shipment Date: 20071205  
Creation Date: 7/16/2015 9:17:20  
Receipt Date: 20071210  
Manifest ID: 003575865JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD008488025  
Trans Name: PHIBRO TECH  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 792 - Not reported  
RCRA Code: D007  
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect  
Quantity Tons: 1.14675

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: D006  
Additional Code 2: D002  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20071205  
Creation Date: 7/16/2015 9:17:20  
Receipt Date: 20071210  
Manifest ID: 003575865JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD008488025  
Trans Name: PHIBRO TECH  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: D006  
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect  
Quantity Tons: 0.231  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20071205  
Creation Date: 7/16/2015 9:25:08  
Receipt Date: 20071210  
Manifest ID: 003575869JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: SIEMENS WATER TECHNOLOGIES CORP  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: D006  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 1.155  
Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Shipment Date: 20071205  
Creation Date: 7/16/2015 9:17:36  
Receipt Date: 20071207  
Manifest ID: 003575867JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 723 - Liquids with chromium (VI) > 500 mg/l  
RCRA Code: D007  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
  
Quantity Tons: 0.22935  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: D002  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20071205  
Creation Date: 3/5/2008 18:30:20  
Receipt Date: 20071207  
Manifest ID: 003575866JJK  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO KERDOON  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
  
Quantity Tons: 0.209  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20071106  
Creation Date: 4/22/2008 18:30:08  
Receipt Date: 20071112  
Manifest ID: 003574897JJK  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 723 - Liquids with chromium (VI) > 500 mg/l  
RCRA Code: D007  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.68805  
Waste Quantity: 165  
Quantity Unit: G  
Additional Code 1: D002  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
Shipment Date: 20071106  
Creation Date: 3/11/2008 18:30:29  
Receipt Date: 20071127  
Manifest ID: 003574895JJK  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride,  
perchloroethylene, etc.  
RCRA Code: F002  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.1251  
Waste Quantity: 30  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
Shipment Date: 20071106  
Creation Date: 1/25/2008 18:31:06  
Receipt Date: 20071108  
Manifest ID: 003574896JJK  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD008488025  
Trans Name: PHIBRO TECH  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 792 - Not reported  
RCRA Code: D007



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect  
 Quantity Tons: 1.14675  
 Waste Quantity: 275  
 Quantity Unit: G  
 Additional Code 1: D006  
 Additional Code 2: D002  
 Additional Code 3: Not reported  
 Additional Code 4: Not reported  
 Additional Code 5: Not reported

Shipment Date: 20071008  
 Creation Date: 1/9/2008 18:30:28  
 Receipt Date: 20071010  
 Manifest ID: 003031545JJK  
 Trans EPA ID: CA0000970392  
 Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
 Trans 2 EPA ID: Not reported  
 Trans 2 Name: Not reported  
 TSDf EPA ID: CAD097030993  
 Trans Name: SIEMENS WATER TECHNOLOGIES CORP  
 TSDf Alt EPA ID: Not reported  
 TSDf Alt Name: Not reported  
 Waste Code Description: 135 - Unspecified aqueous solution  
 RCRA Code: D006  
 Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 1.155  
 Waste Quantity: 275  
 Quantity Unit: G  
 Additional Code 1: Not reported  
 Additional Code 2: Not reported  
 Additional Code 3: Not reported  
 Additional Code 4: Not reported  
 Additional Code 5: Not reported

Shipment Date: 20071008  
 Creation Date: 1/9/2008 18:30:28  
 Receipt Date: 20071010  
 Manifest ID: 003031545JJK  
 Trans EPA ID: CA0000970392  
 Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
 Trans 2 EPA ID: Not reported  
 Trans 2 Name: Not reported  
 TSDf EPA ID: CAD097030993  
 Trans Name: SIEMENS WATER TECHNOLOGIES CORP  
 TSDf Alt EPA ID: Not reported  
 TSDf Alt Name: Not reported  
 Waste Code Description: 181 - Other inorganic solid waste Organics  
 RCRA Code: D011  
 Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.22935  
 Waste Quantity: 55  
 Quantity Unit: G  
 Additional Code 1: D007  
 Additional Code 2: D006  
 Additional Code 3: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2009  
Gen EPA ID: CAD008331506

Shipment Date: 20091112  
Creation Date: 5/20/2010 18:30:26  
Receipt Date: 20091119  
Manifest ID: 005934792JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 123 - Unspecified alkaline solution  
RCRA Code: D002  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.43785  
Waste Quantity: 105  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20091009  
Creation Date: 4/12/2010 18:30:55  
Receipt Date: 20091015  
Manifest ID: 005933656JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.04  
Waste Quantity: 80  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Shipment Date:	20091009
Creation Date:	4/12/2010 18:30:55
Receipt Date:	20091015
Manifest ID:	005933656JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091009
Creation Date:	4/12/2010 18:30:55
Receipt Date:	20091015
Manifest ID:	005933656JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	723 - Liquids with chromium (VI) > 500 mg/l
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.43785
Waste Quantity:	105
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091009
Creation Date:	11/25/2009 18:30:45
Receipt Date:	20091014
Manifest ID:	005933655JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.134
Waste Quantity:	270
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091009
Creation Date:	11/25/2009 18:30:17
Receipt Date:	20091014
Manifest ID:	005933654JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.1259
Waste Quantity:	270
Quantity Unit:	G
Additional Code 1:	D006
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091009
Creation Date:	5/20/2010 18:30:47
Receipt Date:	20091025
Manifest ID:	005933653JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000030452
Trans Name:	LIQUID ENVIRONMENTAL SOLUTIONS OF ARIZONA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Quantity Tons: 0.399  
Waste Quantity: 105  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20090717  
Creation Date: 8/25/2009 18:30:31  
Receipt Date: 20090722  
Manifest ID: 006053767JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: SIEMENS WATER TECHNOLOGIES CORP  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: D006  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 1.155  
Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20090717  
Creation Date: 11/25/2009 18:30:51  
Receipt Date: 20090721  
Manifest ID: 006053768JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 723 - Liquids with chromium (VI) > 500 mg/l  
RCRA Code: D007  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.417  
Waste Quantity: 100  
Quantity Unit: G  
Additional Code 1: D002  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 5:	Not reported
Shipment Date:	20090717
Creation Date:	8/17/2009 18:30:31
Receipt Date:	20090723
Manifest ID:	006053766JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D006
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2017
Gen EPA ID:	CAD008331506
Shipment Date:	20171215
Creation Date:	8/3/2018 18:30:42
Receipt Date:	20171220
Manifest ID:	018138635JJK
Trans EPA ID:	CAR000276295
Trans Name:	WM ENVIROSERV
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171215
Creation Date:	8/7/2018 18:30:40

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Receipt Date: 20171222  
Manifest ID: 018138634JJK  
Trans EPA ID: CAR000276295  
Trans Name: WM ENVIROSERV  
Trans 2 EPA ID: CAD98203173  
Trans 2 Name: ECOLOGY CONTROL IND  
TSDf EPA ID: CAT000646117  
Trans Name: CHEMICAL WASTE MANAGEMENT  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: F05  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
  
Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20171215  
Creation Date: 8/7/2018 18:30:40  
Receipt Date: 20171222  
Manifest ID: 018138634JJK  
Trans EPA ID: CAR000276295  
Trans Name: WM ENVIROSERV  
Trans 2 EPA ID: CAD98203173  
Trans 2 Name: ECOLOGY CONTROL IND  
TSDf EPA ID: CAT000646117  
Trans Name: CHEMICAL WASTE MANAGEMENT  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
  
Quantity Tons: 0.22935  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20170925  
Creation Date: 7/11/2018 18:31:13  
Receipt Date: 20171006  
Manifest ID: 017361796JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIROSERV  
Trans 2 EPA ID: CAD982030173  
Trans 2 Name: ECOLOGY CONTROL IND  
TSDf EPA ID: NVT330010000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: D006  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.231  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20170925  
Creation Date: 5/30/2018 18:34:06  
Receipt Date: 20170927  
Manifest ID: 017361795JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIROSERV  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO KERDOON  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect

Quantity Tons: 0.22935  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20170925  
Creation Date: 5/30/2018 18:33:39  
Receipt Date: 20171002  
Manifest ID: 017361794JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIROSERV  
Trans 2 EPA ID: CAD982030173  
Trans 2 Name: ECOLOGY CONTROL IND  
TSDf EPA ID: CAT000646117  
Trans Name: CHEMICAL WASTE MANAGEMENT  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170925
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171002
Manifest ID:	017361794JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL IND
TSDf EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170925
Creation Date:	5/17/2018 18:30:51
Receipt Date:	20170927
Manifest ID:	017361793JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.145
Waste Quantity:	290
Quantity Unit:	P
Additional Code 1:	D003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 5:	Not reported
Shipment Date:	20170615
Creation Date:	5/17/2018 18:31:53
Receipt Date:	20170621
Manifest ID:	015816577JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170615
Creation Date:	5/17/2018 18:31:27
Receipt Date:	20170621
Manifest ID:	015816578JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2004
Gen EPA ID:	CAD008331506
Shipment Date:	20041124

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Creation Date: 2/17/2005 18:32:22  
Receipt Date: 20041201  
Manifest ID: 24063632  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: US FILTER RECOVERY SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 792 - Not reported  
RCRA Code: D002  
Meth Code: R01 - Recycler  
Quantity Tons: 1.14675  
Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20041105  
Creation Date: 1/20/2005 18:31:32  
Receipt Date: 20041112  
Manifest ID: 24069581  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: US FILTER RECOVERY SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 792 - Not reported  
RCRA Code: D002  
Meth Code: R01 - Recycler  
Quantity Tons: 1.14675  
Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20041105  
Creation Date: 2/17/2005 18:32:22  
Receipt Date: 20041112  
Manifest ID: 24069582  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO KERDOON

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041008
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20041014
Manifest ID:	24068913
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040915
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20040917
Manifest ID:	23829588
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040915
Creation Date:	12/22/2004 18:31:08
Receipt Date:	20040917
Manifest ID:	23829587
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040723
Creation Date:	1/4/2005 18:33:27
Receipt Date:	20040802
Manifest ID:	23831651
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040723
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040729
Manifest ID:	23831649

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	TERIS - WEST
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040723
Creation Date:	11/5/2004 18:30:59
Receipt Date:	20040729
Manifest ID:	23831650
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040616
Creation Date:	10/29/2004 7:58:42
Receipt Date:	20040622
Manifest ID:	23830904
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

RCRA Code: D002  
Meth Code: R01 - Recycler  
Quantity Tons: 1.14675  
Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 2001  
Gen EPA ID: CAD008331506

Shipment Date: 20011226  
Creation Date: 2/20/2002 0:00:00  
Receipt Date: 20020104  
Manifest ID: 21676659  
Trans EPA ID: CA0000970392  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D003  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.225  
Waste Quantity: 450  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20011226  
Creation Date: 2/20/2002 0:00:00  
Receipt Date: 20020104  
Manifest ID: 21676659  
Trans EPA ID: CA0000970392  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.04  
Waste Quantity: 80  
Quantity Unit: P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011226
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20020104
Manifest ID:	21676659
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2016
Gen EPA ID:	CAD008331506
Shipment Date:	20151224
Creation Date:	10/10/2016 18:30:40
Receipt Date:	20151231
Manifest ID:	015348153JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 5:	Not reported
Shipment Date:	20151224
Creation Date:	3/3/2016 22:15:11
Receipt Date:	20151231
Manifest ID:	015348152JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151224
Creation Date:	3/3/2016 22:15:11
Receipt Date:	20151231
Manifest ID:	015348152JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151224
Creation Date:	3/5/2016 22:15:15
Receipt Date:	20151229
Manifest ID:	015348170JJK
Trans EPA ID:	CAR000188201

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150917
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150921
Manifest ID:	015055849JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150917
Creation Date:	11/4/2015 22:15:42
Receipt Date:	20150923
Manifest ID:	015055848JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

<p>Waste Code Description:          RCRA Code:          Meth Code:</p> <p>Quantity Tons:          Waste Quantity:          Quantity Unit:          Additional Code 1:          Additional Code 2:          Additional Code 3:          Additional Code 4:          Additional Code 5:</p> <p>Shipment Date:          Creation Date:          Receipt Date:          Manifest ID:          Trans EPA ID:          Trans Name:          Trans 2 EPA ID:          Trans 2 Name:          TSDf EPA ID:          Trans Name:          TSDf Alt EPA ID:          TSDf Alt Name:          Waste Code Description:          RCRA Code:          Meth Code:</p> <p>Quantity Tons:          Waste Quantity:          Quantity Unit:          Additional Code 1:          Additional Code 2:          Additional Code 3:          Additional Code 4:          Additional Code 5:</p> <p>Shipment Date:          Creation Date:          Receipt Date:          Manifest ID:          Trans EPA ID:          Trans Name:          Trans 2 EPA ID:          Trans 2 Name:          TSDf EPA ID:          Trans Name:          TSDf Alt EPA ID:          TSDf Alt Name:          Waste Code Description:          RCRA Code:          Meth Code:</p> <p>Quantity Tons:          Waste Quantity:          Quantity Unit:</p>	<p>181 - Other inorganic solid waste Organics          D006          H141 - Storage, Bulking, And/Or Transfer Off Site--No          Treatment/Reovery (H010-H129) Or (H131-H135)</p> <p>0.125          250          P          D003          Not reported          Not reported          Not reported          Not reported</p> <p>20150826          11/4/2015 22:15:23          20150831          015052759JJK          CAR000188201          ENVIRONMENTAL RECOVERY SERVICES INC          Not reported          Not reported          CAD097030993          EVOQUA WATER TECHNOLOGIES LLC          Not reported          Not reported          711 - Liquids with cyanides &gt; 1000 mg/l          D007          H141 - Storage, Bulking, And/Or Transfer Off Site--No          Treatment/Reovery (H010-H129) Or (H131-H135)</p> <p>0.1668          40          G          D006          D003          D002          Not reported          Not reported</p> <p>20150826          2/5/2016 22:15:23          20150831          015052761JJK          CAR000188201          ENVIRONMENTAL RECOVERY SERVICES INC          CAD982030173          ECOLOGY CONTROL INDUSTRIES          NVT330010000          US ECOLOGY          Not reported          Not reported          352 - Other organic solids          Not reported          H132 - Landfill Or Surface Impoundment That Will Be Closed As          Landfill( To Include On-Site Treatment And/Or Stabilization)</p> <p>0.075          150          P</p>
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Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150826
Creation Date:	2/5/2016 22:15:23
Receipt Date:	20150831
Manifest ID:	015052761JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150826
Creation Date:	11/4/2015 22:15:36
Receipt Date:	20150828
Manifest ID:	015052760JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Info:

Year:	2003
Gen EPA ID:	CAD008331506
Shipment Date:	20031209
Creation Date:	8/12/2004 8:09:46
Receipt Date:	20031212
Manifest ID:	22779933
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031110
Creation Date:	8/5/2004 10:08:03
Receipt Date:	20031112
Manifest ID:	22779226
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031001
Creation Date:	8/3/2004 7:33:04
Receipt Date:	20031003
Manifest ID:	22917947
Trans EPA ID:	CA0000970392

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030905
Creation Date:	8/3/2004 15:00:31
Receipt Date:	20030915
Manifest ID:	22913986
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.114
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030905
Creation Date:	8/3/2004 15:00:31
Receipt Date:	20030915
Manifest ID:	22913986
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Meth Code:	R01 - Recycler
Quantity Tons:	0.323
Waste Quantity:	85
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030905
Creation Date:	7/29/2004 7:46:19
Receipt Date:	20030909
Manifest ID:	22913985
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030813
Creation Date:	7/28/2004 10:46:45
Receipt Date:	20030818
Manifest ID:	22913304
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Shipment Date:	20030724
Creation Date:	7/23/2004 9:17:57
Receipt Date:	20030729
Manifest ID:	22861965
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030711
Creation Date:	7/22/2004 8:36:14
Receipt Date:	20030715
Manifest ID:	22861660
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D006
Meth Code:	R01 - Recycler
Quantity Tons:	2.31
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030627
Creation Date:	7/28/2004 10:48:03
Receipt Date:	20030703
Manifest ID:	22861364
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2005
Gen EPA ID:	CAD008331506
Shipment Date: 20051205	
Creation Date:	3/16/2006 18:30:37
Receipt Date:	20051207
Manifest ID:	24808882
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date: 20051102	
Creation Date:	1/2/2007 18:30:08
Receipt Date:	20051108
Manifest ID:	24802387
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051102
Creation Date:	7/12/2006 18:30:47
Receipt Date:	20051107
Manifest ID:	24802386
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051007
Creation Date:	5/24/2006 18:31:13
Receipt Date:	20051012
Manifest ID:	24801753
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Shipment Date: 20051007  
Creation Date: 8/23/2006 18:35:03  
Receipt Date: 20051011  
Manifest ID: 24801752  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: US FILTER RECOVERY SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 792 - Not reported  
RCRA Code: D002  
Meth Code: R01 - Recycler  
Quantity Tons: 1.14675  
Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20050913  
Creation Date: 3/10/2006 10:49:15  
Receipt Date: 20050920  
Manifest ID: 24661219  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO KERDOON  
TSDf Alt EPA ID: CAT080013352  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.209  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20050913  
Creation Date: 12/16/2005 18:31:03  
Receipt Date: 20050915  
Manifest ID: 24661220  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: NVT330010000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050913
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050915
Manifest ID:	24661218
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050803
Creation Date:	10/7/2005 18:42:04
Receipt Date:	20050808
Manifest ID:	24660091
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WEST
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050803
Creation Date:	10/27/2005 10:10:50
Receipt Date:	20050805
Manifest ID:	24660092
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1994
Gen EPA ID:	CAD008331506
Shipment Date:	19941128
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941129
Manifest ID:	92659844
Trans EPA ID:	CAD982440364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD000088252
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Shipment Date: 19941128  
Creation Date: 3/28/1996 0:00:00  
Receipt Date: 19941129  
Manifest ID: 92659844  
Trans EPA ID: CAD982440364  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD000088252  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D006  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19941128  
Creation Date: 3/28/1996 0:00:00  
Receipt Date: 19941129  
Manifest ID: 92659844  
Trans EPA ID: CAD982440364  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD000088252  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D006  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.4  
Waste Quantity: 800  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19941128  
Creation Date: 3/28/1996 0:00:00  
Receipt Date: 19941129  
Manifest ID: 92659844  
Trans EPA ID: CAD982440364  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD000088252

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940211
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940211
Manifest ID:	92659710
Trans EPA ID:	CAD982440364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2006
Gen EPA ID:	CAD008331506
Shipment Date:	20061108
Creation Date:	3/30/2007 13:32:20
Receipt Date:	20061113
Manifest ID:	001402313JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D005
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061106
Creation Date:	3/30/2007 13:33:02
Receipt Date:	20061110
Manifest ID:	001402107JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.95
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061106
Creation Date:	3/30/2007 13:32:55
Receipt Date:	20061110
Manifest ID:	001402106JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061006
Creation Date:	3/30/2007 13:33:47
Receipt Date:	20061013
Manifest ID:	001397737JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	D006
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061006
Creation Date:	6/29/2007 18:30:27
Receipt Date:	20061012
Manifest ID:	001397738JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD981430911
Trans 2 Name:	ZEPEDA TRKG
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F005
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061006
Creation Date:	3/30/2007 13:33:47
Receipt Date:	20061013
Manifest ID:	001397737JJK

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060922
Creation Date:	3/30/2007 13:31:40
Receipt Date:	20060928
Manifest ID:	001409494JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D005
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060922
Creation Date:	3/30/2007 13:31:40
Receipt Date:	20060928
Manifest ID:	001409494JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES INC
TSDf Alt EPA ID:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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**SOUTHWEST PLATING CO (Continued)**

**S112999313**

TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060828
Creation Date:	11/21/2006 18:30:26
Receipt Date:	20060830
Manifest ID:	24921045
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060828
Creation Date:	11/21/2006 18:30:26
Receipt Date:	20060901
Manifest ID:	24921044
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported

Map ID  
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MAP FINDINGS

Site

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**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**LOS ANGELES HM:**

Name: SOUTHWEST PLATING CO  
Address: 1344 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: FA0001902  
Last Run Date: 06/01/2019  
Status: ACTIVE

**CERS:**

Name: SOUTHWEST PLATING CO  
Address: 1344 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Site ID: 402628  
CERS ID: 10240627  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-18-2015  
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173  
Violation Description: Failure to properly close hazardous waste containers when not in active use.  
Violation Notes: Returned to compliance on 10/07/2015. OBSERVATION: All hazardous waste containers shall be closed at all times except when adding or removing waste. Observed two 5-gallon buckets of solution from nickel tank and spinner - both unlabeled and uncovered. Per operator, the waste collected in these buckets are combined with waste treatment tank contents. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-08-2018  
Citation: 22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8  
Violation Description: Failure of a generator to conduct, when required, a source reduction evaluation review and plan every four years, and/or failure of the review and plan to contain all required information.  
Violation Notes: Returned to compliance on 09/11/2018. OBSERVATION: A hazardous waste management performance report has not been prepared within the past four years. CORRECTIVE ACTION: Prepare a hazardous waste management report that includes all the required information and submit a copy to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-08-2018  
Citation: 22 CCR 45 67450.7 - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.7  
Violation Description: Failure of the owner or operator of a facility who operates a transportable treatment unit (TTU) or fixed treatment unit (FTU) under a permit by rule to complete a corrective action program at the facility. The corrective action shall consist of a phase 1 environmental assessment, which shall be submitted within one year of the initial notification of permit by rule treatment, and a subsequent corrective action conducted as necessary to protect human health and the environment for all releases of hazardous waste or constituents from any solid or hazardous waste management unit at the facility, regardless of the time at which waste was placed in the unit.  
Violation Notes: Returned to compliance on 09/11/2018. OBSERVATION: Corrective action requirements have not been met for this facility, including but not limited to, completion of a phase 1 environmental assessment. CORRECTIVE ACTION: Submit the required corrective action documents, including a phase 1 environmental assessment, to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: PBR  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-18-2015  
Citation: 22 CCR 15 66265.171 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.171  
Violation Description: Failure to accumulate hazardous waste in a container that is in good condition.  
Violation Notes: Returned to compliance on 10/07/2015. OBSERVATION: If a container holding hazardous waste is not in good condition (e.g. severe rusting, apparent structural defects), or it begins to leak, the generator shall transfer the hazardous waste to a container that is in good condition, or manage the waste in some other way that complies with Title 22 Hazardous Waste regulations. Observed deterioration at base of Cadmium Still tank (#21) holding cadmium cyanide, sodium cyanide and sodium hydroxide. Evidence of crystallization observed at base of tank along the left face/front of the tank. Additional crystallization of leaked contents observed within secondary containment and along the surface and rim of said tank. Observed leak at left top piping of degreaser tank CORRECTIVE ACTION: Immediately transfer the [note type of waste] waste to another container or manage in another way in accordance with Title 22 regulations.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-18-2015  
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections  
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 10/07/2015. OBSERVATION: Properly manage empty containers with adequate labels to indicate emptied contents to

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MAP FINDINGS

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**SOUTHWEST PLATING CO (Continued)**

**S112999313**

include date the container was emptied & the previous contents held in the container. Observed 55-gallon polydrum empty and unlabeled as such. Observed empty container storage area (at southeast/rear process area) missing individual labels, previous contents and date containers emptied. Observed empty (not-in-use) tank formerly used as a hexavalent chrome process/rinse tank with evidence of chrome residue inside. Tank not labeled as no longer in use. **CORRECTIVE ACTION:** Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7

Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 01-08-2020  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Notes: Review, update and resubmit the site map in CERS to include the following required missing elements; Please add storm drains, emergency evacuation site, emergency response equipment. You can download detailed SITE MAP INSTRUCTIONS in the Hazardous Materials Business Plan (HMBP) Section using the following link <https://www.lafd.org/fire-prevention/cupa/documents-forms>

Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 01-08-2020  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.

Violation Notes: The emergency response phone number(s) listed in Sections C3 through C6 of the Emergency Response/Contingency Plan are incorrect and/or missing. Please review the form and correct the following: The phone number for the Local CUPA should be (213)978-3680 and the phone number for the Region Water Quality Control Board is (213) 576-6600. You can download the most current CONTINGENCY PLAN form as well as CONTINGENCY PLAN INSTRUCTIONS in the Hazardous Materials Business Plan Section (HMBP) using the following link <https://www.lafd.org/fire-prevention/cupa/documents-forms>

Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-18-2015

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

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**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple  
Violation Description: Tiered Permitting Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 10/07/2015. Observed arrows indicating influent and effluent flow in treatment process. Provide arrows labeled at piping system for treatment process.  
Violation Division: Los Angeles County Fire Department  
Violation Program: PBR  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-18-2015  
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31  
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.  
Violation Notes: Returned to compliance on 10/07/2015. OBSERVATION: Generator failed to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment. Observed crystallization and tank contents/spills at various process area surfaces, within secondary containment of tanks and within cat-walk, floor boards and ground surface - more concentrated at areas surrounding tank #11 and at tank #21. CORRECTIVE ACTION: Owner/Operator shall immediately maintain the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment. The Owner/Operator shall develop procedures to operate the facility in such a manner to minimize the possibility of a fire, [Truncated]  
Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-08-2018  
Citation: 22 CCR 45 67450.11(d)(7)(E) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.11(d)(7)(E)  
Violation Description: Failure to maintain the required documents at the facility for a minimum of three years from the last date of any activity and made available to authorized representatives of the Department, the CUPA, or the U.S. EPA.  
Violation Notes: Returned to compliance on 09/11/2018. OBSERVATION: Records for cyanide treatment were not maintained at the facility for three years. CORRECTIVE ACTIONS: Begin maintaining records for the cyanide treatment system and ensure that they are kept at the facility for three years. Submit copies of these records to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: PBR  
Violation Source: CERS

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-08-2018  
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)  
Violation Description: Failure to submit a Phase I Checklist to DTSC within one year of commencing operations.  
Violation Notes: Returned to compliance on 09/11/2018. OBSERVATION: Owner/Operator did not submit a Tiered Permitting Phase I Environmental Assessment Checklist (DTSC Form 1151) to the CUPA one year from the date that the facility became authorized to operate. CORRECTIVE ACTION: Immediately complete and submit a Tiered Permitting Phase I Environmental Assessment Checklist to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: CA  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-18-2015  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.  
Violation Notes: Returned to compliance on 10/07/2015. OBSERVATION: All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. Observed two 5-gallon buckets of solution from nickel tank and spinner - both unlabeled and uncovered. Per operator, the waste collected in these buckets are combined with waste treatment tank contents. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-08-2018  
Citation: HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21  
Violation Description: Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).  
Violation Notes: Returned to compliance on 09/11/2018. OBSERVATION: A source reduction evaluation review and plan with all the required information has not been completed and maintained for review. CORRECTIVE ACTION: Complete a source reduction report with all the required information and submit a copy to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-24-2016  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to complete and electronically submit a site map with all required content.  
Violation Notes: Returned to compliance on 09/01/2016.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-18-2015  
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173  
Violation Description: Failure to properly close hazardous waste containers when not in active use.  
Violation Notes: Returned to compliance on 10/07/2015. OBSERVATION: The owner or operator failed to always keep containers of HW closed except when adding or removing HW. A container holding HW shall always be closed during transfer and storage, except when it is necessary to add or remove waste. A container holding HW shall not be opened, handled, transferred or stored in a manner which may rupture the container or cause it to leak. Re-use of containers for transportation shall comply with the requirements of the USDOT regulations, including those set forth in 49 CFR section 173.28. Observed tank of filter cake open/uncovered in treatment area. CORRECTIVE ACTIONS: Immediately always keep containers of HW closed during transfer and storage, except when adding or removing HW. Provide supporting documentation that demonstrates compliance with this requirement to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: PBR  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-08-2018  
Citation: 22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41  
Violation Description: Failure of a large quantity RCRA generator to prepare the Biennial report (Form 8700), and submit to DTSC by March 1st on even numbered years ; and maintain it onsite for three years.  
Violation Notes: Returned to compliance on 09/11/2018. OBSERVATION: The previous years of 2016/2017 Biennial report was not properly prepared or retained. A copy of the Biennial report shall be kept for three years. CORRECTIVE ACTION: Immediately locate a copy of the 2016/2017 Biennial report and maintain it for three years.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 402628  
Site Name: SOUTHWEST PLATING CO  
Violation Date: 08-08-2018  
Citation: 22 CCR 31 67100.9 - California Code of Regulations, Title 22, Chapter

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**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Violation Description: 31, Section(s) 67100.9  
Failure of a large quantity generator to prepare a summary progress report every four years, using DTSCG s Form # 1262 (3/99) titled "Summary Progress Report".

Violation Notes: Returned to compliance on 09/11/2018. OBSERVATION: The generator failed to prepare a summary progress report and has not submitted it to the DTSC every four years. CORRECTIVE ACTION: Prepare a summary progress report and submit a copy to the DTSC and the CUPA.

Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-08-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Consent to enter, inspect and take photographs was given by: Tiffany Brigantino The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA \*\*\*\* Annual submission of a Hazardous Materials Business Plan into California Environmental Reporting System (CERS) is required between January 1 and March 1 of every year. Per L.A.M.C. 57.121.3.5, failure to submit the required hazardous material business plan (HMBP) information annually [Truncated]

Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-08-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Ralph Brigantino, Owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: CA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-08-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Ralph Brigantino, Owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: HWLQG  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-08-2018  
Violations Found: Yes

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Eval Type: Routine done by local agency  
Eval Notes: Ralph Brigantino, Owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: PBR  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-18-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-18-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Tom Brigantino, Business Owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: PBR  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-18-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Tom Brigantino,, Business Owner Note: Hazardous waste stored on site shall not exceed the 90-day allowable limit. Labels affixed to hazardous waste containers and tanks indicate the prior pick-up date as 5/18/2015 - exactly ninety days from the date of inspection. Please ensure waste is picked up within required time frame. Additional documents to be provided: Current Waste minimization (SB14) report and biennial report  
Eval Division: Los Angeles County Fire Department  
Eval Program: HWLQG  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-24-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Permission to conduct the inspection was granted by Ms. Tiffany Brigantino, Office Manager.  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-11-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CA  
Eval Source: CERS

Map ID  
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Distance  
Elevation

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Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Eval General Type: Other/Unknown  
Eval Date: 09-11-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HWLQG  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-11-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: PBR  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 10-07-2015  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Tom Brigantino, Business Owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: HWLQG  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 10-07-2015  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Tom Brigantino, Business Owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: PBR  
Eval Source: CERS

Coordinates:  
Site ID: 402628  
Facility Name: SOUTHWEST PLATING CO  
Env Int Type Code: HMBP  
Program ID: 10240627  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.989090  
Longitude: -118.299610

Affiliation:  
Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012  
Affiliation Phone: (213) 978-3680

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**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 1344 W SLAUSON AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90044  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: RALPH BRIGANTINO  
Entity Title: Owner  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator  
Entity Name: Tom Brigantino  
Entity Title: Part Owner  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: RALPH BRIGANTINO  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (323) 753-3781

Affiliation Type Desc: Parent Corporation  
Entity Name: SOUTHWEST PLATING CO, LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: Tiffany Brigantino  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: SOUTHWEST PLATING CO LLC  
Entity Title: Not reported  
Affiliation Address: 1344 W SLUSON AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90044  
Affiliation Phone: (323) 753-3781

Affiliation Type Desc: Onsite Treatment Unit Owner Operator  
Entity Name: Ralph Brigantino  
Entity Title: Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator  
Entity Name: Tiffany Brigantino  
Entity Title: Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: RALPH BRIGANTINO  
Entity Title: Not reported  
Affiliation Address: 1344 W SLUSON AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90044  
Affiliation Phone: Not reported

**HWTS:**

Name: SOUTHWEST PLATING CO  
Address: 1344 W SLAUSON AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900440000  
EPA ID: CAD008331506  
Inactive Date: Not reported  
Create Date: 07/23/1982  
Last Act Date: 11/04/2019  
Mailing Name: Not reported  
Mailing Address: 1344 W SLAUSON AVE  
Mailing Address 2: Not reported  
Mailing City,State,Zip: LOS ANGELES, CA 900442824

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SOUTHWEST PLATING CO (Continued)**

**S112999313**

Owner Name: RALPH BRIGANTINO  
 Owner Address: 1344 W SLAUSON AVE  
 Owner Address 2: Not reported  
 Owner City,State,Zip: LOS ANGELES, CA 900442824  
 Contact Name: RALPH BRIGANTINO PARTNER  
 Contact Address: 1344 W SLAUSON AVE  
 Contact Address 2: Not reported  
 City,State,Zip: LOS ANGELES, CA 90044

**NAICS:**

EPA ID: CAD008331506  
 Create Date: 2002-03-14 16:36:26.000  
 NAICS Code: 332813  
 NAICS Description: Electroplating, Plating, Polishing, Anodizing, and Coloring  
 Issued EPA ID Date: 1982-07-23 00:00:00  
 Inactive Date: Not reported  
 Facility Name: SOUTHWEST PLATING CO  
 Facility Address: 1344 W SLAUSON AVE  
 Facility Address 2: Not reported  
 Facility City: LOS ANGELES  
 Facility County: Not reported  
 Facility State: CA  
 Facility Zip: 900440000

EPA ID: CAD008331506  
 Create Date: 2002-03-14 16:36:26.000  
 NAICS Code: 332813  
 NAICS Description: Electroplating, Plating, Polishing, Anodizing, and Coloring  
 Issued EPA ID Date: 1982-07-23 00:00:00  
 Inactive Date: Not reported  
 Facility Name: SOUTHWEST PLATING CO  
 Facility Address: 1344 W SLAUSON AVE  
 Facility Address 2: Not reported  
 Facility City: LOS ANGELES  
 Facility County: Not reported  
 Facility State: CA  
 Facility Zip: 900440000

**A6**  
**WSW**  
 < 1/8  
 0.008 mi.  
 41 ft.

**SOUTHWEST PLATING COMPANY**  
**1344 WEST SLAUSON AVENUE**  
**LOS ANGELES, CA 90044**  
 Site 6 of 13 in cluster A

**HIST UST** **S118415554**  
 N/A

**Relative:**  
**Lower**  
**Actual:**  
**141 ft.**

**HIST UST:**  
 Name: SOUTHWEST PLATING COMPANY  
 Address: 1344 WEST SLAUSON AVENUE  
 City,State,Zip: LOS ANGELES, CA 90044  
 File Number: 000287AC  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000287AC.pdf>  
 Region: Not reported  
 Facility ID: Not reported  
 Facility Type: Not reported  
 Other Type: Not reported  
 Contact Name: Not reported  
 Telephone: Not reported  
 Owner Name: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SOUTHWEST PLATING COMPANY (Continued)**

**S118415554**

Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

[Click here for Geo Tracker PDF:](#)

<b>A7</b>	<b>EDMONDS CHAS</b>	<b>EDR Hist Auto</b>	<b>1009079386</b>
<b>WSW</b>	<b>1346 W SLAUSON AVE</b>		<b>N/A</b>
<b>&lt; 1/8</b>	<b>LOS ANGELES, CA</b>		
<b>0.008 mi.</b>			
<b>41 ft.</b>	<b>Site 7 of 13 in cluster A</b>		
<b>Relative:</b>	EDR Hist Auto		
<b>Lower</b>			
<b>Actual:</b>	Year: Name:	Type:	
<b>141 ft.</b>	1929 EDMONDS CHAS	AUTOMOBILE REPAIRING AND SERVICE STATIONS	

<b>B8</b>	<b>MILLER WALTER</b>	<b>EDR Hist Auto</b>	<b>1009082124</b>
<b>East</b>	<b>1218 W SLAUSON AVE</b>		<b>N/A</b>
<b>&lt; 1/8</b>	<b>LOS ANGELES, CA</b>		
<b>0.009 mi.</b>			
<b>50 ft.</b>	<b>Site 1 of 16 in cluster B</b>		
<b>Relative:</b>	EDR Hist Auto		
<b>Higher</b>			
<b>Actual:</b>	Year: Name:	Type:	
<b>143 ft.</b>	1942 MILLER WALTER	AUTOMOBILE REPAIRING	

<b>B9</b>	<b>TOWN WASH LAUNDRY</b>	<b>EDR Hist Cleaner</b>	<b>1018595233</b>
<b>ESE</b>	<b>1232 W SLAUSON AVE</b>		<b>N/A</b>
<b>&lt; 1/8</b>	<b>LOS ANGELES, CA 90044</b>		
<b>0.018 mi.</b>			
<b>95 ft.</b>	<b>Site 2 of 16 in cluster B</b>		
<b>Relative:</b>	EDR Hist Cleaner		
<b>Higher</b>			
<b>Actual:</b>	Year: Name:	Type:	
<b>143 ft.</b>	2012 LIVIS DYE HOUSE INC	Drycleaning Plants, Except Rugs, NEC	
	2013 BAJIOS DYE HOUSE CORP	Drycleaning Plants, Except Rugs, NEC	
	2014 BAJIOS DYE HOUSE CORP	Drycleaning Plants, Except Rugs, NEC	



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**B10**  
**ESE**  
**< 1/8**  
**0.018 mi.**  
**95 ft.**

**DIRTY LAUNDRY INC**  
**1232 W SLAUSON AVE**  
**LOS ANGELES, CA 90044**

**Site 3 of 16 in cluster B**

**RCRA-SQG** **1000245419**  
**FINDS** **CAD077263143**  
**ECHO**

**Relative:**  
**Higher**  
**Actual:**  
**143 ft.**

RCRA-SQG:		1992-08-06 00:00:00.0
Date Form Received by Agency:		
Handler Name:	DIRTY LAUNDRY INC	
Handler Address:	1232 W SLAUSON AVE	
Handler City,State,Zip:	LOS ANGELES, CA 90044	
EPA ID:	CAD077263143	
Contact Name:	GARY REBUCK	
Contact Address:	1232 W SLAUSON AVE	
Contact City,State,Zip:	LOS ANGELES, CA 90044	
Contact Telephone:	213-753-2605	
Contact Fax:	Not reported	
Contact Email:	Not reported	
Contact Title:	Not reported	
EPA Region:	09	
Land Type:	Not reported	
Federal Waste Generator Description:	Small Quantity Generator	
Non-Notifier:	Not reported	
Biennial Report Cycle:	Not reported	
Accessibility:	Not reported	
Active Site Indicator:	Handler Activities	
State District Owner:	Not reported	
State District:	Not reported	
Mailing Address:	W SLAUSON AVE	
Mailing City,State,Zip:	LOS ANGELES, CA 90044	
Owner Name:	GARY FOREMAN	
Owner Type:	Private	
Operator Name:	Not reported	
Operator Type:	Not reported	
Short-Term Generator Activity:	No	
Importer Activity:	No	
Mixed Waste Generator:	No	
Transporter Activity:	No	
Transfer Facility Activity:	No	
Recycler Activity with Storage:	No	
Small Quantity On-Site Burner Exemption:	No	
Smelting Melting and Refining Furnace Exemption:	No	
Underground Injection Control:	No	
Off-Site Waste Receipt:	No	
Universal Waste Indicator:	No	
Universal Waste Destination Facility:	No	
Federal Universal Waste:	No	
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
Active Site Converter Treatment storage and Disposal Facility:	Not reported	
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
Active Site State-Reg Handler:	---	
Federal Facility Indicator:	Not reported	
Hazardous Secondary Material Indicator:	NN	
Sub-Part K Indicator:	Not reported	
Commercial TSD Indicator:	No	
Treatment Storage and Disposal Type:	Not reported	
2018 GPRA Permit Baseline:	Not on the Baseline	
2018 GPRA Renewals Baseline:	Not on the Baseline	
Permit Renewals Workload Universe:	Not reported	

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DIRTY LAUNDRY INC (Continued)**

**1000245419**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GARY FOREMAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1441 E ADAMS BLVD
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90011
Owner/Operator Telephone:	213-233-9656
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-08-06 00:00:00.0
Handler Name:	DIRTY LAUNDRY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DIRTY LAUNDRY INC (Continued)**

**1000245419**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
List of NAICS Codes and Descriptions:	
NAICS Codes:	No NAICS Codes Found
Facility Has Received Notices of Violations:	
Violations:	No Violations Found
Evaluation Action Summary:	
Evaluations:	No Evaluations Found

**FINDS:**

Registry ID: 110002659098

Click Here:

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid:	1000245419
Registry ID:	110002659098
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110002659098">http://echo.epa.gov/detailed-facility-report?fid=110002659098</a>
Name:	DIRTY LAUNDRY INC
Address:	1232 W SLAUSON AVE
City,State,Zip:	LOS ANGELES, CA 90044

**B11**  
**ENE**  
 < 1/8  
 0.018 mi.  
 96 ft.

**1214 W 58TH ST**  
**LOS ANGELES, CA**  
**Site 4 of 16 in cluster B**

**UST U004299276**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**143 ft.**

<b>LOS ANGELES UST:</b>	
Name:	Not reported
Address:	1214 W 58TH ST
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**C12**      **A L L ROOFING BLDG MATERIALS**  
**ENE**      **1234 W 58TH ST**  
**< 1/8**     **LOS ANGELES, CA 90037**  
**0.018 mi.**  
**97 ft.**     **Site 1 of 5 in cluster C**

**SWEEPS UST**    **S101586672**  
**CA FID UST**     **N/A**

**Relative:**      **SWEEPS UST:**  
**Higher**            Name:                    A L L ROOFING BLDG MATERIALS  
**Actual:**            Address:                1234 W 58TH ST  
**143 ft.**              City:                    LOS ANGELES  
                           Status:                 Not reported  
                           Comp Number:        4200  
                           Number:                Not reported  
                           Board Of Equalization: Not reported  
                           Referral Date:        Not reported  
                           Action Date:          Not reported  
                           Created Date:         Not reported  
                           Owner Tank Id:        Not reported  
                           SWRCB Tank Id:      Not reported  
                           Tank Status:          Not reported  
                           Capacity:              Not reported  
                           Active Date:          Not reported  
                           Tank Use:              Not reported  
                           STG:                    Not reported  
                           Content:                Not reported  
                           Number Of Tanks:     0

**CA FID UST:**  
 Facility ID:            19054338  
 Regulated By:        UTKNI  
 Regulated ID:        Not reported  
 Cortese Code:        Not reported  
 SIC Code:             Not reported  
 Facility Phone:        2130000000  
 Mail To:                Not reported  
 Mailing Address:     1234 W 58TH ST  
 Mailing Address 2:    Not reported  
 Mailing City,St,Zip: LOS ANGELES 900370000  
 Contact:                Not reported  
 Contact Phone:        Not reported  
 DUNS Number:        Not reported  
 NPDES Number:        Not reported  
 EPA ID:                Not reported  
 Comments:            Not reported  
 Status:                 Inactive

**C13**      **FOSTER PLANING MILL CO**  
**NNE**      **1258 W 58TH ST**  
**< 1/8**     **LOS ANGELES, CA 90037**  
**0.018 mi.**  
**97 ft.**     **Site 2 of 5 in cluster C**

**SWEEPS UST**    **S101617390**  
**HIST UST**       **N/A**  
**CA FID UST**  
**HAZMAT**  
**WDS**  
**CIWQS**  
**CERS**

**Relative:**      **SWEEPS UST:**  
**Higher**  
**Actual:**            Name:                    FOSTER PLANNING MILL COMPANY  
**142 ft.**              Address:                1258 W 58TH ST  
                           City:                    LOS ANGELES  
                           Status:                 Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANING MILL CO (Continued)**

**S101617390**

Comp Number: 2511  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002511-000001  
Tank Status: Not reported  
Capacity: 280  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: 1

**HIST UST:**

Name: FOSTER PLANING MILL CO  
Address: 1258 W 58TH STREET  
City,State,Zip: LOS ANGELES, CA 90037  
File Number: 0002684D  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002684D.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported  
  
Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

Click here for Geo Tracker PDF:

**CA FID UST:**

Facility ID: 19009543  
Regulated By: UTNKI  
Regulated ID: 00047208  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2137599156  
Mail To: Not reported  
Mailing Address: 1258 W 58TH ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900370000  
Contact: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANING MILL CO (Continued)**

**S101617390**

Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**LOS ANGELES HM:**

Name: FOSTER PLANNING MILL CO INC  
Address: 1258 W 58TH ST  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: FA0011514  
Last Run Date: 06/01/2019  
Status: INACTIVE

**WDS:**

Name: FOSTER PLANING MILL CO  
Address: 1258 W 58th St  
City: LOS ANGELES  
Facility ID: 4 19I015003  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 3237599156  
Facility Contact: RANDOLPH WORGULL  
Agency Name: FOSTER PLANING MILL CO  
Agency Address: 1258 W 58th St  
Agency City,St,Zip: Los Angeles 900373917  
Agency Contact: RANDOLPH WORGULL  
Agency Telephone: 3237599156  
Agency Type: Private  
SIC Code: 0  
SIC Code 2: Not reported  
Primary Waste Type: Not reported  
Primary Waste: Not reported  
Waste Type2: Not reported  
Waste2: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANING MILL CO (Continued)**

**S101617390**

Complexity: Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**CIWQS:**

Name: FOSTER PLANING MILL CO  
Address: 1258 W 58TH ST  
City,State,Zip: LOS ANGELES, CA 90037  
Agency: Foster Planing Mill Co  
Agency Address: 1258 W 58th St, Los Angeles, CA 90037  
Place/Project Type: Industrial - Millwork  
SIC/NAICS: 2431  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I015003  
NPDES Number: CAS000001  
Adoption Date: 01/01/1900  
Effective Date: 03/19/1999  
Termination Date: 01/01/1900  
Expiration/Review Date: 01/01/1900  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.98988  
Longitude: -118.29716

**CERS:**

Name: FOSTER PLANING MILL CO  
Address: 1258 W 58TH ST  
City,State,Zip: LOS ANGELES, CA 90037  
Site ID: 532281  
CERS ID: 225131  
CERS Description: Industrial Facility Storm Water

**Violations:**

Site ID: 532281  
Site Name: Foster Planing Mill Co  
Violation Date: 07-02-2008  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Late Report  
Violation Notes: Overdue 2007-08 AR.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 532281

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANING MILL CO (Continued)**

**S101617390**

Site Name: Foster Planing Mill Co  
Violation Date: 07-02-2011  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Late Report  
Violation Notes: Outstanding 2010-2011 AR  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

**Enforcement Action:**

Site ID: 532281  
Site Name: Foster Planing Mill Co  
Site Address: 1258 W 58TH ST  
Site City: LOS ANGELES  
Site Zip: 90037  
Enf Action Date: 01-15-2014  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: Re-issued NNC. Original issued on 8/10/12 was not confirmed as delivered. Ordered to submit a 2010-11 annual report.  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Site ID: 532281  
Site Name: Foster Planing Mill Co  
Site Address: 1258 W 58TH ST  
Site City: LOS ANGELES  
Site Zip: 90037  
Enf Action Date: 01-27-2015  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: failure to submit the Fiscal Year 2010-2011 Annual Report. The Annual Report was due to the Regional Board by July 1, 2011  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Site ID: 532281  
Site Name: Foster Planing Mill Co  
Site Address: 1258 W 58TH ST  
Site City: LOS ANGELES  
Site Zip: 90037  
Enf Action Date: 04-10-2014  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: Re-issued NNC for hand delivery. Original and re-issued NNCs were returned as undeliverable. Ordered to submit a 2010-11 annual report.  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Site ID: 532281  
Site Name: Foster Planing Mill Co  
Site Address: 1258 W 58TH ST  
Site City: LOS ANGELES  
Site Zip: 90037



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANING MILL CO (Continued)**

**S101617390**

Enf Action Date: 05-14-2013  
Enf Action Type: Notice of Violation  
Enf Action Description: Notice of Violation  
Enf Action Notes: Failed to respond to NNC issued on 8/10/12. Re-ordered to submit 2010/11 AR.  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Site ID: 532281  
Site Name: Foster Planing Mill Co  
Site Address: 1258 W 58TH ST  
Site City: LOS ANGELES  
Site Zip: 90037  
Enf Action Date: 06-19-2009  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: Ordered to submit a 2007-2008 AR.  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Site ID: 532281  
Site Name: Foster Planing Mill Co  
Site Address: 1258 W 58TH ST  
Site City: LOS ANGELES  
Site Zip: 90037  
Enf Action Date: 08-10-2012  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: Submit 2010-2011 AR  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Affiliation:  
Affiliation Type Desc: Owner/Operator  
Entity Name: Foster Planing Mill Co  
Entity Title: Operator  
Affiliation Address: 1258 W 58th St  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90037  
Affiliation Phone: Not reported

C14  
NNE  
< 1/8  
0.018 mi.  
97 ft.

**FOSTER PLANING MILL CO.**  
**1258 W 58TH ST**  
**LOS ANGELES, CA 90037**  
**Site 3 of 5 in cluster C**

**HIST UST U001561454**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**142 ft.**

HIST UST:  
Name: FOSTER PLANING MILL CO.  
Address: 1258 W 58TH ST  
City,State,Zip: LOS ANGELES, CA 90037

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANING MILL CO. (Continued)**

**U001561454**

File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000066124  
Facility Type: Other  
Other Type: MILL  
Contact Name: ROBERT STANLEY  
Telephone: 2137599156  
Owner Name: FOSTER PLANING MILL CO.  
Owner Address: 1258 WEST 58TH STREET  
Owner City,St,Zip: LOS ANGELES, CA 90037  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000250  
Tank Used for: WASTE  
Type of Fuel: 2  
Container Construction Thickness: X  
Leak Detection: None

**C15**  
**NNE**  
**< 1/8**  
**0.018 mi.**  
**97 ft.**

**FOSTER PLANNING MILL CO. INC**  
**1258 W 58TH ST**  
**LOS ANGELES, CA 90037**  
**Site 4 of 5 in cluster C**

**HIST UST** **U001561455**  
**NPDES** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**142 ft.**

HIST UST:  
Name: FOSTER PLANNING MILL CO. INC  
Address: 1258 W 58TH ST  
City,State,Zip: LOS ANGELES, CA 90037  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000047208  
Facility Type: Other  
Other Type: MFG. WOOD MLDES  
Contact Name: JOHN H STANLEY  
Telephone: 2137599156  
Owner Name: FOSTER PLANNING MILL CO. INC  
Owner Address: 1258 W. 58 ST.  
Owner City,St,Zip: LOS ANGELES, CA 90037  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000280  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: 12  
Leak Detection: Stock Inventor

NPDES:  
Name: FOSTER PLANING MILL CO  
Address: 1258 W 58TH ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANNING MILL CO. INC (Continued)**

**U001561455**

City,State,Zip: LOS ANGELES, CA 90037  
Facility Status: Not reported  
NPDES Number: Not reported  
Region: Not reported  
Agency Number: Not reported  
Regulatory Measure ID: Not reported  
Place ID: Not reported  
Order Number: Not reported  
WDID: 4 19I015003  
Regulatory Measure Type: Industrial  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: Not reported  
Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Active  
Status Date: 03/19/1999  
Operator Name: Foster Planing Mill Co  
Operator Address: 1258 W 58th St  
Operator City: Los Angeles  
Operator State: California  
Operator Zip: 90037

NPDES as of 03/2018:

NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 190824  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I015003  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 03/19/1999  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Foster Planing Mill Co  
Discharge Address: 1258 W 58th St  
Discharge City: Los Angeles  
Discharge State: California  
Discharge Zip: 90037  
Received Date: Not reported  
Processed Date: Not reported  
Status: Not reported  
Status Date: Not reported  
Place Size: Not reported  
Place Size Unit: Not reported  
Contact: Not reported  
Contact Title: Not reported  
Contact Phone: Not reported  
Contact Phone Ext: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANNING MILL CO. INC (Continued)**

**U001561455**

Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	190824
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I015003
Program Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANNING MILL CO. INC (Continued)**

**U001561455**

Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Received Date: 05/09/2008  
Processed Date: 03/19/1999  
Status: Active  
Status Date: 03/19/1999  
Place Size: 37386  
Place Size Unit: SqFt  
Contact: Robert Stanley  
Contact Title: president  
Contact Phone: 323759956-1  
Contact Phone Ext: Not reported  
Contact Email: bob@fosterplaningmill.com  
Operator Name: Foster Planing Mill Co  
Operator Address: 1258 W 58th St  
Operator City: Los Angeles  
Operator State: California  
Operator Zip: 90037  
Operator Contact: Robert Stanley  
Operator Contact Title: Not reported  
Operator Contact Phone: 323-759-9156  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: bob@fosterplaningmill.com  
Operator Type: Private Business  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 323-759-9156  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANNING MILL CO. INC (Continued)**

**U001561455**

Dir Discharge Uswater Ind: N  
Receiving Water Name: Pacific Ocean  
Certifier: Robert Stanley  
Certifier Title: president  
Certification Date: 01-APR-15  
Primary Sic: 2431-Millwork  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

Name: FOSTER PLANING MILL CO  
Address: 1258 W 58TH ST  
City,State,Zip: LOS ANGELES, CA 90037  
Facility Status: Active  
NPDES Number: CAS000001  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 190824  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 4 19I015003  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 03/19/1999  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 1258 W 58th St  
Discharge Name: Foster Planing Mill Co  
Discharge City: Los Angeles  
Discharge State: California  
Discharge Zip: 90037  
Status: Not reported  
Status Date: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported

**NPDES as of 03/2018:**

NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 190824  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I015003  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 03/19/1999  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Foster Planing Mill Co  
Discharge Address: 1258 W 58th St  
Discharge City: Los Angeles

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANNING MILL CO. INC (Continued)**

**U001561455**

Discharge State:	California
Discharge Zip:	90037
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER PLANNING MILL CO. INC (Continued)**

**U001561455**

Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	190824
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I015003
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	03/19/1999
Status:	Active
Status Date:	03/19/1999
Place Size:	37386
Place Size Unit:	SqFt
Contact:	Robert Stanley
Contact Title:	president
Contact Phone:	323759956-1
Contact Phone Ext:	Not reported
Contact Email:	bob@fosterplaningmill.com
Operator Name:	Foster Planing Mill Co
Operator Address:	1258 W 58th St
Operator City:	Los Angeles
Operator State:	California
Operator Zip:	90037
Operator Contact:	Robert Stanley
Operator Contact Title:	Not reported
Operator Contact Phone:	323-759-9156
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	bob@fosterplaningmill.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	323-759-9156
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FOSTER PLANNING MILL CO. INC (Continued)**

**U001561455**

Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Pacific Ocean
Certifier:	Robert Stanley
Certifier Title:	president
Certification Date:	01-APR-15
Primary Sic:	2431-Millwork
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

**A16**  
**WNW**  
 < 1/8  
 0.019 mi.  
 98 ft.

**ALL ROOFING INC**  
**1318 W 58TH ST**  
**LOS ANGELES, CA 90037**  
 Site 8 of 13 in cluster A

**SWEEPS UST**    **S106922551**  
 N/A

**Relative:**  
**Higher**  
**Actual:**  
**142 ft.**

**SWEEPS UST:**

Name:	ALL ROOFING INC
Address:	1318 W 58TH ST
City:	LOS ANGELES
Status:	Not reported
Comp Number:	9001
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

<b>B17</b> <b>ESE</b> <b>&lt; 1/8</b> <b>0.021 mi.</b> <b>112 ft.</b>	<b>VENTURA BODY SHOP</b> <b>1200 W SLAUSON AVE</b> <b>LOS ANGELES, CA 90044</b>  <b>Site 5 of 16 in cluster B</b>	<b>HAZMAT</b>	<b>S123544591</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	LOS ANGELES HM: Name:	VENTURA BODY SHOP 1200 W SLAUSON AVE LOS ANGELES, CA 90044 FA0009498 06/01/2019 INACTIVE	
<b>Actual:</b> <b>143 ft.</b>	Address: City,State,Zip: Facility ID: Last Run Date: Status:		

<b>B18</b> <b>ESE</b> <b>&lt; 1/8</b> <b>0.021 mi.</b> <b>112 ft.</b>	<b>SLAUSON AUTO RESTORATION</b> <b>1212 W SLAUSON AVE</b> <b>LOS ANGELES, CA 90044</b>  <b>Site 6 of 16 in cluster B</b>	<b>CERS HAZ WASTE</b> <b>HAZNET</b> <b>HAZMAT</b> <b>HWTS</b>	<b>S113136877</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	CERS HAZ WASTE: Name:	SLAUSON AUTO RESTORATION 1212 W SLAUSON AVE LOS ANGELES, CA 90044 154110 10252213 Hazardous Waste Generator	
<b>Actual:</b> <b>143 ft.</b>	Address: City,State,Zip: Site ID: CERS ID: CERS Description:		
	Violations: Site ID: Site Name: Violation Date: Citation:  Violation Description:  Violation Notes:  Violation Division: Violation Program: Violation Source:	154110 SLAUSON AUTO RESTORATION 09-30-2015 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years. Returned to compliance on 08/31/2018. OBSERVATION: Copies of hazardous waste disposal records for 2015, 2014 & 2013 were not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the PA by 10/30/15. Los Angeles County Fire Department HW CERS	
	Site ID: Site Name: Violation Date: Citation:  Violation Description: Violation Notes:	154110 SLAUSON AUTO RESTORATION 09-30-2015 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 Failure to obtain and/or maintain an Active EPA ID. Returned to compliance on 10/07/2015. OBSERVATION: This facility's EPA ID number CAL000293324 is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the PA by 10/30/15.	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON AUTO RESTORATION (Continued)**

**S113136877**

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-31-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: LOUIE GUZMAN  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-30-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Anthony Guzman, Assistant Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 10-15-2015  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: EPA ID # is now active. Per DTSC EPA ID# CAL000293324 active effective 10/07/15. HW violation abated Pending is HW disposal documentation  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Coordinates:

Site ID: 154110  
Facility Name: SLAUSON AUTO RESTORATION  
Env Int Type Code: HWG  
Program ID: 10252213  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.988890  
Longitude: -118.296330

Affiliation:

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012  
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON AUTO RESTORATION (Continued)**

**S113136877**

Entity Title: Not reported  
Affiliation Address: 1212 W SLAUSON AV  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90044  
Affiliation Phone: Not reported  
  
Affiliation Type Desc: Parent Corporation  
Entity Name: SLAUSON AUTO RESTORATION  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**HAZNET:**

Name: SLAUSON AUTO RESTORATION  
Address: 1212 W SLAUSON AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900442822  
Contact: ANTHONY GUZMAN  
Telephone: 3237589280  
Mailing Name: Not reported  
Mailing Address: 1212 SLAUSON AVE  
  
Year: 2009  
Gepaid: CAL000293324  
TSD EPA ID: CAD008252405  
CA Waste Code: 214 - Unspecified solvent mixture  
Disposal Method: H020 - Solvents Recovery  
Tons: 0.072

**Additional Info:**

Year: 2009  
Gen EPA ID: CAL000293324  
  
Shipment Date: 20090205  
Creation Date: 7/14/2009 18:30:20  
Receipt Date: 20090205  
Manifest ID: 004997653JJK  
Trans EPA ID: CAR000194837  
Trans Name: PACIFIC COAST LACQUER  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSD EPA ID: CAD008252405  
Trans Name: PACIFIC RESOURCE RECOVERY  
TSD Alt EPA ID: Not reported  
TSD Alt Name: Not reported  
Waste Code Description: 214 - Unspecified solvent mixture  
RCRA Code: F005  
Meth Code: H020 - Solvents Recovery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON AUTO RESTORATION (Continued)**

**S113136877**

Quantity Tons: 0.072  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: F003  
Additional Code 2: D001  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**LOS ANGELES HM:**

Name: SLAUSON AUTO RESTORATION  
Address: 1212 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: FA0028245  
Last Run Date: 06/01/2019  
Status: INACTIVE

**HWTS:**

Name: SLAUSON AUTO RESTORATION  
Address: 1212 W SLAUSON AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900442822  
EPA ID: CAL000293324  
Inactive Date: Not reported  
Create Date: 04/18/2005  
Last Act Date: 09/25/2018  
Mailing Name: Not reported  
Mailing Address: 1212 SLAUSON AVE  
Mailing Address 2: Not reported  
Mailing City,State,Zip: LOS ANGELES, CA 900440000  
Owner Name: LoUIE A GUZMAN  
Owner Address: 1212 SLAUSON AVE  
Owner Address 2: Not reported  
Owner City,State,Zip: LOS ANGELES, CA 900440000  
Contact Name: ANTHONY GUZMAN  
Contact Address: 1212 SLAUSON AVE  
Contact Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900440000

**NAICS:**

EPA ID: CAL000293324  
Create Date: 2005-04-18 13:02:00.490  
NAICS Code: 811121  
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance  
Issued EPA ID Date: 2005-04-18 13:02:00.41000  
Inactive Date: Not reported  
Facility Name: SLAUSON AUTO RESTORATION  
Facility Address: 1212 W SLAUSON AVE  
Facility Address 2: Not reported  
Facility City: LOS ANGELES  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 900442822

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

<b>B19</b> <b>ESE</b> <b>&lt; 1/8</b> <b>0.021 mi.</b> <b>112 ft.</b>  <b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>143 ft.</b>	<b>SLAUSON AUTO RESTORATION</b> <b>1212 W SLAUSON AVE</b> <b>LOS ANGELES, CA 90044</b>  <b>Site 7 of 16 in cluster B</b>  RCRA NonGen / NLR: Date Form Received by Agency: 2005-04-18 00:00:00.0 Handler Name: SLAUSON AUTO RESTORATION Handler Address: 1212 W SLAUSON AVE Handler City,State,Zip: LOS ANGELES, CA 90044-2822 EPA ID: CAL000293324 Contact Name: ANTHONY GUZMAN Contact Address: 1212 SLAUSON AVE Contact City,State,Zip: LOS ANGELES, CA 90044-0000 Contact Telephone: 323-758-9280 Contact Fax: Not reported Contact Email: SLOUSIN1212@HOTMAIL.COM Contact Title: Not reported EPA Region: 09 Land Type: Not reported Federal Waste Generator Description: Not a generator, verified Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: Not reported State District: Not reported Mailing Address: 1212 SLAUSON AVE Mailing City,State,Zip: LOS ANGELES, CA 90044-0000 Owner Name: LOUIE A GUZMAN Owner Type: Other Operator Name: ANTHONY GUZMAN Operator Type: Other Short-Term Generator Activity: No Importer Activity: No Mixed Waste Generator: No Transporter Activity: No Transfer Facility Activity: No Recycler Activity with Storage: No Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No Underground Injection Control: No Off-Site Waste Receipt: No Universal Waste Indicator: Yes Universal Waste Destination Facility: Yes Federal Universal Waste: No Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported Active Site Converter Treatment storage and Disposal Facility: Not reported Active Site State-Reg Treatment Storage and Disposal Facility: Not reported Active Site State-Reg Handler: --- Federal Facility Indicator: Not reported Hazardous Secondary Material Indicator: N Sub-Part K Indicator: Not reported Commercial TSD Indicator: No Treatment Storage and Disposal Type: Not reported 2018 GPRA Permit Baseline: Not on the Baseline 2018 GPRA Renewals Baseline: Not on the Baseline Permit Renewals Workload Universe: Not reported	<b>RCRA NonGen / NLR</b>	<b>1024811093</b> <b>CAL000293324</b>
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Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON AUTO RESTORATION (Continued)**

**1024811093**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-10-01 18:39:08.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LOUIE A GUZMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1212 SLAUSON AVE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90044-0000
Owner/Operator Telephone:	323-758-9280
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTHONY GUZMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1212 SLAUSON AVE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90044-0000
Owner/Operator Telephone:	323-758-9280
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SLAUSON AUTO RESTORATION (Continued)**

**1024811093**

Historic Generators:

Receive Date:	2005-04-18 00:00:00.0
Handler Name:	SLAUSON AUTO RESTORATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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**B20**  
**ESE**  
 < 1/8  
 0.021 mi.  
 112 ft.  
**Relative:**  
**Higher**

**LUTHER F L**  
**1212 W SLAUSON AVE**  
**LOS ANGELES, CA**  
**Site 8 of 16 in cluster B**

**EDR Hist Auto**    **1009077909**  
**N/A**

EDR Hist Auto

**Actual:**  
**143 ft.**

Year:	Name:	Type:
1933	LUTHER F L	AUTOMOBILE REPAIRING
1937	LUTHER F L	AUTOMOBILE REPAIRING
1942	LUTHER F L	AUTOMOBILE REPAIRING
1991	MAURICE AUTO REPAIR	General Automotive Repair Shops
1992	MAURICE AUTO REPAIR	General Automotive Repair Shops
1993	MAURICE AUTO REPAIR	General Automotive Repair Shops
1994	MAURICE AUTO REPAIR	General Automotive Repair Shops
1995	MAURICE AUTO REPAIR	General Automotive Repair Shops

**A21**  
**WSW**  
 < 1/8  
 0.021 mi.  
 112 ft.  
**Relative:**  
**Lower**

**MJW INC DBA AMERICAN LAB & SYSTEMS**  
**1328 W SLAUSON AVE**  
**LOS ANGELES, CA 90044**  
**Site 9 of 13 in cluster A**

**CERS HAZ WASTE**    **S113175171**  
**HAZNET**    **N/A**  
**HAZMAT**  
**CERS**  
**HWTS**

CERS HAZ WASTE:

**Actual:**  
**141 ft.**

Name:	AMERICAN LAB AND SYSTEMS
Address:	1328 W SLAUSON AVE
City,State,Zip:	LOS ANGELES, CA 90044
Site ID:	5138



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

CERS ID: 10243927  
CERS Description: Hazardous Waste Generator

HAZNET:

Name: MJW INC DBA AMERICAN LAB & SYSTEMS  
Address: 1328 W SLAUSON AVE  
Address 2: Not reported  
City, State, Zip: LOS ANGELES, CA 900440000  
Contact: MICHAEL J CURRY - PRESIDENT  
Telephone: 3237788900  
Mailing Name: Not reported  
Mailing Address: 1328 W SLAUSON AVE

Year: 2015  
Gepaid: CAR000078758  
TSD EPA ID: NED981723513  
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)  
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Tons: 0.25

Year: 2011  
Gepaid: CAR000078758  
TSD EPA ID: CAD008252405  
CA Waste Code: 214 - Unspecified solvent mixture  
Disposal Method: H020 - Solvents Recovery  
Tons: 0.072

Year: 2010  
Gepaid: CAR000078758  
TSD EPA ID: CAT000613935  
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent  
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.504

Year: 2010  
Gepaid: CAR000078758  
TSD EPA ID: CAT000613976  
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)  
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.14595

Year: 2010  
Gepaid: CAR000078758  
TSD EPA ID: CAT000613893  
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.0575

Year: 2010  
Gepaid: CAR000078758  
TSD EPA ID: CAT000613976  
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)  
Disposal Method: -

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Tons: 0.0834

Year: 2009  
Gepaid: CAR000078758  
TSD EPA ID: TXD077603371  
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
Disposal Method: H020 - Solvents Recovery  
Tons: 0.0575

Year: 2009  
Gepaid: CAR000078758  
TSD EPA ID: CAT000613935  
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent  
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.336

Year: 2009  
Gepaid: CAR000078758  
TSD EPA ID: CAT000613976  
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)  
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.18765

Year: 2008  
Gepaid: CAR000078758  
TSD EPA ID: CAT000613935  
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent  
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.588

[Click this hyperlink](#) while viewing on your computer to access 16 additional CA HAZNET: record(s) in the EDR Site Report.

**Additional Info:**

Year: 2015  
Gen EPA ID: CAR000078758

Shipment Date: 20150924  
Creation Date: 5/4/2016 22:15:36  
Receipt Date: 20151012  
Manifest ID: 005093287SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: ALR000007237  
Trans 2 Name: ACTION RESOURCES INC  
TSDF EPA ID: NED981723513  
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES IN  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
RCRA Code: D008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Quantity Tons: 0.25  
Waste Quantity: 500  
Quantity Unit: P  
Additional Code 1: D007  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2001  
Gen EPA ID: CAR000078758

Shipment Date: 20011205  
Creation Date: 2/13/2002 0:00:00  
Receipt Date: 20011205  
Manifest ID: 21322036  
Trans EPA ID: SCR000075150  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000613935  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: D039  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20011107  
Creation Date: 1/16/2002 0:00:00  
Receipt Date: 20011112  
Manifest ID: 21375371  
Trans EPA ID: SCR000075150  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613893  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.  
RCRA Code: F005  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.018  
Waste Quantity: 36  
Quantity Unit: P  
Additional Code 1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20011003  
Creation Date: 12/17/2001 0:00:00  
Receipt Date: 20011003  
Manifest ID: 21400022  
Trans EPA ID: SCR000075150  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: D039  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.042  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20010912  
Creation Date: 11/1/2001 0:00:00  
Receipt Date: 20010918  
Manifest ID: 21398732  
Trans EPA ID: SCR000075150  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000613976  
TSDf Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.1417  
Waste Quantity: 34  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20010912  
Creation Date: 11/1/2001 0:00:00  
Receipt Date: 20010918  
Manifest ID: 21398620

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010731
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010731
Manifest ID:	21117932
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613935
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0504
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010529
Creation Date:	7/20/2001 0:00:00
Receipt Date:	20010529
Manifest ID:	20652691
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613935
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010511
Creation Date:	7/10/2001 0:00:00
Receipt Date:	20010515
Manifest ID:	20634205
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010427
Creation Date:	6/27/2001 0:00:00
Receipt Date:	20010502
Manifest ID:	20343389
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Additional Code 5:	Not reported
Shipment Date:	20010326
Creation Date:	5/16/2001 0:00:00
Receipt Date:	20010326
Manifest ID:	20619047
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0504
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2002
Gen EPA ID:	CAR000078758
Shipment Date:	20020520
Creation Date:	7/19/2002 15:54:46
Receipt Date:	20020529
Manifest ID:	21593786
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613893
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020328
Creation Date:	7/29/2002 18:35:10
Receipt Date:	20020403

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Manifest ID: 21577355  
Trans EPA ID: SCR000075150  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613893  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
RCRA Code: F005  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.0135  
Waste Quantity: 27  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20020201  
Creation Date: 3/7/2002 0:00:00  
Receipt Date: 20020201  
Manifest ID: 21489261  
Trans EPA ID: SCR000075150  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000613935  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**Additional Info:**

Year: 2007  
Gen EPA ID: CAR000078758

Shipment Date: 20071127  
Creation Date: 2/4/2008 18:30:20  
Receipt Date: 20071127  
Manifest ID: 000832273SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

TSDF EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC 708802  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20071004  
Creation Date: 3/11/2008 18:30:23  
Receipt Date: 20071012  
Manifest ID: 000797395SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: NED986382133  
Trans 2 Name: SMITH SYS TRANS  
TSDF EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.1668  
Waste Quantity: 40  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20071004  
Creation Date: 1/9/2008 18:30:28  
Receipt Date: 20071004  
Manifest ID: 000868669SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Quantity Tons:	Treatment/Reovery (H010-H129) Or (H131-H135) 0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070727
Creation Date:	1/25/2008 18:30:45
Receipt Date:	20070727
Manifest ID:	000870988SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070713
Creation Date:	2/5/2008 18:30:06
Receipt Date:	20070720
Manifest ID:	000065126SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070622
Creation Date:	12/28/2007 18:30:19
Receipt Date:	20070627
Manifest ID:	000062679SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070531
Creation Date:	11/3/2007 18:30:06
Receipt Date:	20070531
Manifest ID:	000331194SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070516
Creation Date:	12/20/2007 18:30:41
Receipt Date:	20070523
Manifest ID:	000312298SKS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.06255  
Waste Quantity: 15  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
Shipment Date: 20070402  
Creation Date: 8/23/2007 18:30:27  
Receipt Date: 20070402  
Manifest ID: 000468976SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.105  
Waste Quantity: 25  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
Shipment Date: 20070219  
Creation Date: 8/9/2007 18:30:52  
Receipt Date: 20070223  
Manifest ID: 000190209SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC 708805  
TSDf Alt EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.06255  
Waste Quantity: 15  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2010  
Gen EPA ID: CAR000078758

Shipment Date: 20101115  
Creation Date: 2/19/2011 18:30:18  
Receipt Date: 20101115  
Manifest ID: 003823267FLE  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20101102  
Creation Date: 3/30/2011 18:30:46  
Receipt Date: 20101112  
Manifest ID: 003823009FLE  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0417  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20100924  
Creation Date: 2/10/2011 18:30:18  
Receipt Date: 20101005  
Manifest ID: 000344837CEX  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0417  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20100910  
Creation Date: 2/1/2011 18:30:18  
Receipt Date: 20100914  
Manifest ID: 003865106FLE  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613893  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.  
RCRA Code: D040  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0575  
Waste Quantity: 115  
Quantity Unit: P  
Additional Code 1: D039  
Additional Code 2: D035

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100909
Creation Date:	1/3/2011 18:30:09
Receipt Date:	20100909
Manifest ID:	000338113CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100713
Creation Date:	9/30/2010 18:30:48
Receipt Date:	20100713
Manifest ID:	002434666SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100625
Creation Date:	1/24/2011 18:30:08
Receipt Date:	20100702

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Manifest ID: 002443442SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
RCRA Code: D039  
Meth Code: - Not reported  
Quantity Tons: 0.0417  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20100518  
Creation Date: 8/6/2010 18:31:37  
Receipt Date: 20100518  
Manifest ID: 002246899SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20100407  
Creation Date: 12/16/2010 18:30:39  
Receipt Date: 20100423  
Manifest ID: 002420677SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: - Not reported  
Quantity Tons: 0.0417  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20100322  
Creation Date: 6/29/2010 18:30:18  
Receipt Date: 20100322  
Manifest ID: 002390337SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2004  
Gen EPA ID: CAR000078758

Shipment Date: 20040914  
Creation Date: 12/22/2004 18:31:08  
Receipt Date: 20040922  
Manifest ID: 23345362  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613893  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: CAT000613893  
TSDF Alt Name: Not reported  
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.  
RCRA Code: F005  
Meth Code: H01 - Transfer Station

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040723
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040803
Manifest ID:	23345934
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2009
Gen EPA ID:	CAR000078758
Shipment Date:	20091124
Creation Date:	10/8/2010 18:30:48
Receipt Date:	20091124
Manifest ID:	002317788SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091005
Creation Date:	4/12/2010 18:30:32
Receipt Date:	20091014
Manifest ID:	000254488CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06255
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090921
Creation Date:	10/8/2010 18:30:48
Receipt Date:	20090921
Manifest ID:	002123089SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090727
Creation Date:	10/20/2009 18:30:23

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Receipt Date: 20090727  
Manifest ID: 002079947SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20090715  
Creation Date: 1/8/2010 18:30:22  
Receipt Date: 20090723  
Manifest ID: 002002449SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.06255  
Waste Quantity: 15  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20090715  
Creation Date: 12/8/2009 18:30:09  
Receipt Date: 20090728  
Manifest ID: 002002458SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD  
TSDf EPA ID: TXD077603371

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
RCRA Code: F005  
Meth Code: H020 - Solvents Recovery  
Quantity Tons: 0.0575  
Waste Quantity: 115  
Quantity Unit: P  
Additional Code 1: F003  
Additional Code 2: D018  
Additional Code 3: D001  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20090216  
Creation Date: 4/3/2009 18:30:27  
Receipt Date: 20090216  
Manifest ID: 001619073SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20090216  
Creation Date: 6/17/2009 18:30:35  
Receipt Date: 20090227  
Manifest ID: 001619074SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.06255

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Waste Quantity: 15  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2006  
Gen EPA ID: CAR000078758

Shipment Date: 20061219  
Creation Date: 4/19/2007 18:31:38  
Receipt Date: 20070104  
Manifest ID: 000121280CEX  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D040  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.10425  
Waste Quantity: 25  
Quantity Unit: G  
Additional Code 1: D039  
Additional Code 2: D018  
Additional Code 3: D001  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20061213  
Creation Date: 8/7/2007 18:30:14  
Receipt Date: 20070103  
Manifest ID: 000184837CEX  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT  
TSDF EPA ID: TXD077603371  
Trans Name: SAFETY-KLEEN SYSTEMS INC 000618  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: F005  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.008  
Waste Quantity: 16  
Quantity Unit: P  
Additional Code 1: F003  
Additional Code 2: D035

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Additional Code 3: D001  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20061213  
Creation Date: 3/30/2007 13:34:03  
Receipt Date: 20061213  
Manifest ID: 000247689CEX  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC 708802  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.105  
Waste Quantity: 25  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20061201  
Creation Date: 3/30/2007 13:34:15  
Receipt Date: 20061204  
Manifest ID: 000121442CEX  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO / KERDOON  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 222 - Oil/water separation sludge  
RCRA Code: Not reported  
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)

Quantity Tons: 0.834  
Waste Quantity: 200  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20061020  
Creation Date: 4/19/2007 18:30:50  
Receipt Date: 20061023

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Manifest ID: 000960032JJK  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.105  
Waste Quantity: 25  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20060809  
Creation Date: 9/28/2006 18:32:35  
Receipt Date: 20060810  
Manifest ID: 25000172  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: SAFETY KLEEN SYSTEMS INC  
TSDf Alt EPA ID: CAT000613935  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station

Quantity Tons: 0.105  
Waste Quantity: 25  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20060809  
Creation Date: 9/22/2006 18:34:00  
Receipt Date: 20060814  
Manifest ID: 25024253  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY KLEEN SYSTEMS INC  
TSDf Alt EPA ID: CAT000613976



Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

TSDF Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.06255  
Waste Quantity: 15  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20060623  
Creation Date: 9/17/2006 18:33:10  
Receipt Date: 20060710  
Manifest ID: 25024215  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613976  
Trans Name: SAFETY KLEEN SYSTEMS INC  
TSDF Alt EPA ID: CAT000613976  
TSDF Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.06255  
Waste Quantity: 15  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20060323  
Creation Date: 7/14/2006 18:31:05  
Receipt Date: 20060324  
Manifest ID: 24620176  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: CAT000613935  
TSDF Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.063  
Waste Quantity: 15  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2011  
Gen EPA ID: CAR000078758

Shipment Date: 20110826  
Creation Date: 3/19/2012 20:30:14  
Receipt Date: 20110826  
Manifest ID: 008712050JJK  
Trans EPA ID: CAR000194837  
Trans Name: PACIFIC COAST LACQUER  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD008252405  
Trans Name: PACIFIC RESOURCE RECOVERY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 214 - Unspecified solvent mixture  
RCRA Code: F005  
Meth Code: H020 - Solvents Recovery  
Quantity Tons: 0.072  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: F003  
Additional Code 2: D001  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2008  
Gen EPA ID: CAR000078758

Shipment Date: 20081222  
Creation Date: 2/4/2009 18:30:20  
Receipt Date: 20081222  
Manifest ID: 000881785SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081124
Creation Date:	4/8/2009 18:30:08
Receipt Date:	20081202
Manifest ID:	001433546SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06255
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081028
Creation Date:	12/10/2008 18:30:18
Receipt Date:	20081028
Manifest ID:	001445424SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080904
Creation Date:	1/28/2009 18:30:18

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Receipt Date: 20080916  
Manifest ID: 001404864SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0834  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20080904  
Creation Date: 10/13/2008 18:30:40  
Receipt Date: 20080905  
Manifest ID: 001404863SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20080708  
Creation Date: 8/20/2008 18:30:08  
Receipt Date: 20080709  
Manifest ID: 001121855SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613935

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20080609  
Creation Date: 10/13/2008 18:30:32  
Receipt Date: 20080617  
Manifest ID: 001160613SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0834  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20080512  
Creation Date: 7/3/2008 18:30:14  
Receipt Date: 20080513  
Manifest ID: 001109213SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20080321  
Creation Date: 5/6/2008 18:30:08  
Receipt Date: 20080321  
Manifest ID: 000930095SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613935  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.084  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20080321  
Creation Date: 8/20/2008 18:30:32  
Receipt Date: 20080401  
Manifest ID: 000930096SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0834  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Additional Code 5: Not reported

**LOS ANGELES HM:**

Name: AMERICAN LAB AND SYSTEMS  
Address: 1328 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: FA0009499  
Last Run Date: 06/01/2019  
Status: ACTIVE

**CERS:**

Name: AMERICAN LAB AND SYSTEMS  
Address: 1328 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Site ID: 5138  
CERS ID: 10243927  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 01-08-2020  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Violation Notes: Review, update and resubmit the Hazardous Materials Inventory into CERS to include all hazardous material stored in a capacity greater than 55 gallons of liquid, 200 cubic feet of compressed gas or 500 pounds in weight of a solid. Please correct the following; Please add WASTE OIL 800 GALLONS, ARGON 1250 cuft,OXYGEN 200 cuft,ACETYLENE 200 cuft,PROPANE 1025 cuft, NITROGEN 400 cuft. Also in Chemical Hazard Classification in your Hazardous Material Inventory for SKYDOL 500 OIL please add a YES or NO for LOOK UP code.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)  
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 04-17-2018  
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)  
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.  
Violation Notes: Returned to compliance on 09/20/2018. OBSERVATION: A 40-gallon tank of waste oil located at the exterior east side of the manufacturing area was observed without an accumulation start date and a manifest/receipt demonstrating disposal within the past 180 days was not available. CORRECTIVE ACTION: Dispose of waste oil and submit a copy of the manifest/receipt to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to complete and electronically submit a site map with all required content.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.  
Violation Notes: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.

Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1

Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.

Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507

Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 01-08-2020  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Notes: The emergency response phone number(s) listed in Sections C3 through C6 of the Emergency Response/Contingency Plan are incorrect and/or missing. Please review the form and correct the following: The phone number for the Local CUPA should be (213)978-3680 and the phone number for the Region Water Quality Control Board is (213) 576-6600. You can download the most current CONTINGENCY PLAN form as well as CONTINGENCY PLAN INSTRUCTIONS in the Hazardous Materials Business Plan Section

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

(HMBP) using the following link  
<https://www.lafd.org/fire-prevention/cupa/documents-forms>  
Los Angeles City Fire Department

Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)  
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1  
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 08-23-2016  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2  
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 5138  
Site Name: AMERICAN LAB AND SYSTEMS  
Violation Date: 01-08-2020  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to complete and electronically submit a site map with all required content.  
Violation Notes: Review, update and resubmit the site map in CERS to include all required elements. You can download detailed SITE MAP INSTRUCTIONS in the Hazardous Materials Business Plan (HMBP) Section using the following link  
<https://www.lafd.org/fire-prevention/cupa/documents-forms>  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Other/Unknown  
Eval Date: 05-13-2014  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-23-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Permission to conduct the inspection was granted by Shane Curry.  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-20-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Follow up review conducted via email and over the phone. Disposal record provided - violation corrected and NOV abated.  
Eval Division: Los Angeles County Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-11-2013  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-11-2013  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: INSPECTED BY M. CERVANTES CONSENT GIVEN BY MIKE CURRY  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-08-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Consent to enter, inspect and take photographs was given by: SHANE CURRY The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA \*\*\*\* Annual submission of a Hazardous Materials Business Plan into California Environmental Reporting System (CERS) is required between January 1 and March 1 of every year. Per L.A.M.C. 57.121.3.5, failure to submit the required hazardous material business plan (HMBP) information annually into CERS [Truncated]  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 03-13-2020  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: ALL VIOLATIONS ARE RESOLVED 3/13/20  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-17-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Eval Notes: Michael Curry, Business Owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Coordinates:

Site ID: 5138  
Facility Name: AMERICAN LAB AND SYSTEMS  
Env Int Type Code: HWG  
Program ID: 10243927  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.988890  
Longitude: -118.298900

Affiliation:

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012  
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Parent Corporation  
Entity Name: AMERICAN LAB AND SYSTEMS  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: Diana Isaac  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Shane Curry  
Entity Title: Not reported  
Affiliation Address: 1328 W. Slauson Ave  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90044  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Affiliation Type Desc: Identification Signer  
Entity Name: Michael Curry  
Entity Title: Owner  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: CURRY, MICHAEL J  
Entity Title: Not reported  
Affiliation Address: 1328 W. Slauson Ave  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90044  
Affiliation Phone: (213) 703-9425

Affiliation Type Desc: Operator  
Entity Name: MANUEL MARTINEZ  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (323) 778-8900

Affiliation Type Desc: Property Owner  
Entity Name: SLAUSON PROPERTIES  
Entity Title: Not reported  
Affiliation Address: 1328 W. Slauson Ave  
Affiliation City: los angeles  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90044  
Affiliation Phone: (714) 990-9517

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 1328 W SLAUSON AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90044  
Affiliation Phone: Not reported

**HWTS:**

Name: MJW INC DBA AMERICAN LAB & SYSTEMS  
Address: 1328 W SLAUSON AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900440000  
EPA ID: CAR000078758

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MJW INC DBA AMERICAN LAB & SYSTEMS (Continued)**

**S113175171**

Inactive Date: 06/30/2016  
Create Date: 04/03/2001  
Last Act Date: 01/12/2017  
Mailing Name: MICHAEL CURRY  
Mailing Address: 1328 W SLAUSON AVE  
Mailing Address 2: Not reported  
Mailing City,State,Zip: LOS ANGELES, CA 900440000  
Owner Name: MJW INC  
Owner Address: 1328 W SLAUSON AVE  
Owner Address 2: Not reported  
Owner City,State,Zip: LOS ANGELES, CA 900440000  
Contact Name: MICHAEL J CURRY - PRESIDENT  
Contact Address: 1328 W SLAUSON AVE  
Contact Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 90044

**NAICS:**

EPA ID: CAR000078758  
Create Date: 2005-07-19 14:37:43.677  
NAICS Code: 54171  
NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences  
Issued EPA ID Date: 2001-04-03 00:00:00  
Inactive Date: 2016-06-30 00:00:00  
Facility Name: MJW INC DBA AMERICAN LAB & SYSTEMS  
Facility Address: 1328 W SLAUSON AVE  
Facility Address 2: Not reported  
Facility City: LOS ANGELES  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 900440000

**A22**  
**WSW**  
**< 1/8**  
**0.021 mi.**  
**112 ft.**

**ADESCO INC**  
**1328 WEST SLAUSON AVENUE**  
**LOS ANGELES, CA 90044**  
**Site 10 of 13 in cluster A**

**ENVIROSTOR** **S103628434**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**141 ft.**

**ENVIROSTOR:**  
Name: ADESCO INC  
Address: 1328 WEST SLAUSON AVENUE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: 19360027  
Status: Refer: Other Agency  
Status Date: 08/31/1995  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Chatsworth  
Assembly: 59  
Senate: 30

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ADESCO INC (Continued)**

**S103628434**

Special Program: \* Site Char & Assess Grant (CERCLA 104)  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.98889  
Longitude: -118.2991  
APN: 6003001031  
Past Use: NONE SPECIFIED  
Potential COC: \* WASTE OIL & MIXED OIL \* OTHER PESTICIDE CONTAINERS, 30 GALLONS OR MORE  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: AMERICAN LAB & SYSTEMS  
Alias Type: Alternate Name  
Alias Name: HYGIN SANITARY SUPPLY COMPANY  
Alias Type: Alternate Name  
Alias Name: SOUTHERN CALIFORNIA PINE FURNITURE  
Alias Type: Alternate Name  
Alias Name: WESTROD WASHER SERVICES  
Alias Type: Alternate Name  
Alias Name: 6003001031  
Alias Type: APN  
Alias Name: CAD981690647  
Alias Type: EPA Identification Number  
Alias Name: 19360027  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 11/09/1988  
Comments: Site Screening Done: DHS will take no further action due to the fact that there have been no observed releases, all past violations have been corrected, and the low preliminary hazard ranking score. Site referred to LA County Health Dept for further investigation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 04/01/1986  
Comments: AMERICAN LAB & SYSTEMS OCCUPANT FROM 1983 TO PRESENT. SUBMIT TO EPA PRELIM ASSESS DONE SOURCE ACT (AMERICAN LAB): TELEPHONE CONVERSATION WITH MIKE CURRY, AMERICAN LAB & SYSTEMS -- PURCHASE & SALE OF NEW AND USED HYDRAULIC STANDS OF VARIOUS PUPOSES. (ADESCO) AUTOMOTIVE EQUIPMENT REPAIR. WASTE: WASTE OIL & DRUMS BY AMERICAN LAB WERE REMOVED BY THE SUP- PLIER. PERCHLOROETHYLENE WASTE (ADESCO). RECOMMEND NO FURTHER ACTION DUE TO NO EVIDENCE OF ONSITE DISPOSAL.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 05/07/1982  
Comments: FACILITY IDENTIFIED LA CHAMBER OF COMMERCE BUS DIR 1958 - AUTO & INDUSTRIAL PARTS.

Future Area Name: Not reported  
Future Sub Area Name: Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ADESCO INC (Continued)**

**S103628434**

Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

**A23**  
**WSW**  
**< 1/8**  
**0.021 mi.**  
**112 ft.**

**AMERICAN LAB AND SYSTEMS**  
**1328 W SLAUSON AVE**  
**LOS ANGELES, CA 90044**

**RCRA-SQG** **1004675916**  
**FINDS** **CAR000078758**  
**ECHO**

**Site 11 of 13 in cluster A**

**Relative:**  
**Lower**  
**Actual:**  
**141 ft.**

RCRA-SQG:  
 Date Form Received by Agency: 2000-07-24 00:00:00.0  
 Handler Name: AMERICAN LAB AND SYSTEMS  
 Handler Address: 1328 W SLAUSON AVE  
 Handler City,State,Zip: LOS ANGELES, CA 90044-2824  
 EPA ID: CAR000078758  
 Contact Name: MICHAEL CURRY  
 Contact Address: 1328 W SLAUSON AVE  
 Contact City,State,Zip: LOS ANGELES, CA 90044-2824  
 Contact Telephone: 323-778-8900  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 09  
 Land Type: Private  
 Federal Waste Generator Description: Small Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: 1328 W SLAUSON AVE  
 Mailing City,State,Zip: LOS ANGELES, CA 90044-2824  
 Owner Name: AMERICAN LAB AND SYSTEMS  
 Owner Type: Private  
 Operator Name: Not reported  
 Operator Type: Not reported  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No  
 Off-Site Waste Receipt: No  
 Universal Waste Indicator: No  
 Universal Waste Destination Facility: No  
 Federal Universal Waste: No  
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported  
 Active Site Converter Treatment storage and Disposal Facility: Not reported  
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN LAB AND SYSTEMS (Continued)**

**1004675916**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:36:43.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
---------------------------	-------

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN LAB AND SYSTEMS (Continued)**

**1004675916**

Owner/Operator Name: AMERICAN LAB AND SYSTEMS  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 1328 W SLAUSON AVE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90044-2824  
Owner/Operator Telephone: 323-778-8900  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:  
Receive Date: 2000-07-24 00:00:00.0  
Handler Name: AMERICAN LAB AND SYSTEMS  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:  
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:  
Violations: No Violations Found

Evaluation Action Summary:  
Evaluations: No Evaluations Found

FINDS:  
Registry ID: 110002940756

Click Here:

Environmental Interest/Information System:  
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.  
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:  
Envid: 1004675916  
Registry ID: 110002940756  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002940756>

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMERICAN LAB AND SYSTEMS (Continued)**

**1004675916**

Name: AMERICAN LAB AND SYSTEMS  
 Address: 1328 W SLAUSON AVE  
 City,State,Zip: LOS ANGELES, CA 90044

**A24**  
**WSW**  
 < 1/8  
 0.021 mi.  
 112 ft.

**ADESCO INC**  
**1328 W SLAUSON AVE**  
**LOS ANGELES, CA 90044**

**SEMS-ARCHIVE**

**1003879024**  
**CAD981690647**

**Site 12 of 13 in cluster A**

**Relative:**  
**Lower**  
**Actual:**  
**141 ft.**

SEMS Archive:  
 Site ID: 0902511  
 EPA ID: CAD981690647  
 Name: ADESCO INC  
 Address: 1328 W SLAUSON AVE  
 Address 2: Not reported  
 City,State,Zip: LOS ANGELES, CA 90044  
 Cong District: 29  
 FIPS Code: 06037  
 FF: N  
 NPL: Not on the NPL  
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

**SEMS Archive Detail:**

Region: 09  
 Site ID: 0902511  
 EPA ID: CAD981690647  
 Site Name: ADESCO INC  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: VS  
 Action Name: ARCH SITE  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 1988-02-01 05:00:00  
 Qual: Not reported  
 Current Action Lead: EPA Perf In-Hse

Region: 09  
 Site ID: 0902511  
 EPA ID: CAD981690647  
 Site Name: ADESCO INC  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: PA  
 Action Name: PA  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 1988-02-01 05:00:00  
 Qual: N  
 Current Action Lead: EPA Perf

Region: 09  
 Site ID: 0902511  
 EPA ID: CAD981690647  
 Site Name: ADESCO INC

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ADESCO INC (Continued)**

**1003879024**

NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	1986-12-01 05:00:00
Finish Date:	1987-06-01 04:00:00
Qual:	L
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902511
EPA ID:	CAD981690647
Site Name:	ADESCO INC
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1986-12-01 05:00:00
Finish Date:	1986-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

**A25**  
**WSW**  
 < 1/8  
 0.021 mi.  
 113 ft.  
**Relative:**  
**Lower**

**PURITAN SOFT WATER LAUNDRY**  
**1348 W SLAUSON AVE**  
**LOS ANGELES, CA**  
**Site 13 of 13 in cluster A**

**EDR Hist Cleaner**    **1009187911**  
**N/A**

**Actual:**  
**141 ft.**

Year:	Name:	Type:
1924	PURITAN LAUNDRY	LAUNDRIES
1929	PURITAN SOFT WATER LAUNDRY	LAUNDRIES HAND
1933	PURITAN SOFT WATER LAUNDRY	LAUNDRIES STEAM

**B26**  
**ENE**  
 < 1/8  
 0.021 mi.  
 113 ft.  
**Relative:**  
**Higher**

**A L L ROOFING & BUILDING MATE**  
**1212 W 58TH ST**  
**LOS ANGELES, CA 90037**  
**Site 9 of 16 in cluster B**

**SWEEPS UST**    **S101584563**  
**CA FID UST**    **N/A**  
**HAZMAT**  
**CERS**

**Actual:**  
**143 ft.**

**SWEEPS UST:**  
 Name:            A L L ROOFING & BUILDING MATE  
 Address:        1212 W 58TH ST  
 City:            LOS ANGELES  
 Status:         Not reported  
 Comp Number:   2225  
 Number:        Not reported  
 Board Of Equalization: 44-012202  
 Referral Date:   Not reported  
 Action Date:    Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A L L ROOFING & BUILDING MATE (Continued)**

**S101584563**

Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002225-000001  
Tank Status: Not reported  
Capacity: 1000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: 2

Name: A L L ROOFING & BUILDING MATE  
Address: 1212 W 58TH ST  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2225  
Number: Not reported  
Board Of Equalization: 44-012202  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002225-000002  
Tank Status: Not reported  
Capacity: 1000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

**CA FID UST:**

Facility ID: 19012887  
Regulated By: UTKNI  
Regulated ID: 00041261  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2137531277  
Mail To: Not reported  
Mailing Address: 3645 LONG BEACH BLVD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900370000  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**LOS ANGELES HM:**

Name: ALLIED BUILDING PRODUCTS CORP  
Address: 1212 W 58TH ST  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: FA0002710  
Last Run Date: 06/01/2019

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A L L ROOFING & BUILDING MATE (Continued)**

**S101584563**

Status: ACTIVE

**CERS:**

Name: ALLIED BUILDING PRODUCTS CORP  
Address: 1212 W 58TH ST  
City,State,Zip: LOS ANGELES, CA 90037  
Site ID: 91101  
CERS ID: 10241269  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 91101  
Site Name: ALLIED BUILDING PRODUCTS CORP  
Violation Date: 06-13-2016  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to complete and electronically submit a site map with all required content.  
Violation Notes: Returned to compliance on 03/14/2019.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 91101  
Site Name: ALLIED BUILDING PRODUCTS CORP  
Violation Date: 06-13-2016  
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.  
Violation Notes: Returned to compliance on 06/19/2017.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 91101  
Site Name: ALLIED BUILDING PRODUCTS CORP  
Violation Date: 06-13-2016  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.  
Violation Notes: Returned to compliance on 06/19/2017.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 91101  
Site Name: ALLIED BUILDING PRODUCTS CORP  
Violation Date: 06-13-2016  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.  
Violation Notes: Returned to compliance on 06/19/2017.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A L L ROOFING & BUILDING MATE (Continued)**

**S101584563**

Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 91101  
Site Name: ALLIED BUILDING PRODUCTS CORP  
Violation Date: 06-13-2016  
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)  
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.  
Violation Notes: Returned to compliance on 06/19/2017.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 91101  
Site Name: ALLIED BUILDING PRODUCTS CORP  
Violation Date: 06-13-2016  
Citation: HSC 6.95 25510(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25510(a)  
Violation Description: Failure to report a release or threatened release of a hazardous material to the unified program agency and to OES.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 91101  
Site Name: ALLIED BUILDING PRODUCTS CORP  
Violation Date: 06-13-2016  
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507  
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.  
Violation Notes: Returned to compliance on 06/19/2017.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 91101  
Site Name: ALLIED BUILDING PRODUCTS CORP  
Violation Date: 06-13-2016  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.  
Violation Notes: Returned to compliance on 06/19/2017.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 91101



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A L L ROOFING & BUILDING MATE (Continued)**

**S101584563**

Site Name: ALLIED BUILDING PRODUCTS CORP  
Violation Date: 06-13-2016  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Violation Notes: Returned to compliance on 06/19/2017.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-19-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Facility ID#: FA0002211 / CERS ID#: 10240891 Brandi A. Pilato, Inspector I, LAFD Environment Unit/CUPA, on site to verify your facility's Hazardous Material Business Plan, Consolidated Permit and to conduct a routine inspection of your facility's Hazardous Material Inventory. Your facility's Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and verified. As of this inspection, your facility's Consolidated Permit and CERS submissions are in compliance and have been accepted. The LAMC, Sections (L.A.M.C. SECTIONS 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA. The intent of the HMBP is to assist in mitigating a release or threatened release of hazardous [Truncated]  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 06-04-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-13-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Coordinates:  
Site ID: 91101

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A L L ROOFING & BUILDING MATE (Continued)**

**S101584563**

Facility Name: ALLIED BUILDING PRODUCTS CORP  
Env Int Type Code: HMBP  
Program ID: 10241269  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.989810  
Longitude: -118.296270

**Affiliation:**

Affiliation Type Desc: Environmental Contact  
Entity Name: Matt Ross  
Entity Title: Not reported  
Affiliation Address: 1201- E- McFadden- Avenue  
Affiliation City: Santa- Ana  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92705  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Beacon- Sales- Acquisiton,- Inc.  
Entity Title: Not reported  
Affiliation Address: 505- Huntmar- Park- Drive  
Affiliation City: Herndon  
Affiliation State: VA  
Affiliation Country: United States  
Affiliation Zip: 20170  
Affiliation Phone: (571) 323-3939

Affiliation Type Desc: Parent Corporation  
Entity Name: BEACON ROOFING SUPPLY  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Allied Building Products  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (323) 753-1277

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A L L ROOFING & BUILDING MATE (Continued)**

**S101584563**

Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Document Preparer  
 Entity Name: Bill Habenicht  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
 Entity Name: Mailing Address  
 Entity Title: Not reported  
 Affiliation Address: 1212 W 58th Street  
 Affiliation City: Los Angeles  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 90037  
 Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
 Entity Name: Rodrigo Chavez  
 Entity Title: Branch Manager  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

**B27**  
**ENE**  
 < 1/8  
 0.021 mi.  
 113 ft.

**A.L.L. ROOFING & BUILDING MATE**  
**1212 W 58TH ST**  
**LOS ANGELES, CA 90037**  
**Site 10 of 16 in cluster B**

**HIST UST U001561447**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**143 ft.**

HIST UST:  
 Name: A.L.L. ROOFING & BUILDING MATE  
 Address: 1212 W 58TH ST  
 City,State,Zip: LOS ANGELES, CA 90037  
 File Number: Not reported  
 URL: Not reported  
 Region: STATE  
 Facility ID: 00000041261  
 Facility Type: Other  
 Other Type: DISTRIBUTOR  
 Contact Name: JERRY W. LESSEL  
 Telephone: 2137531277  
 Owner Name: A.L.L. ROOFING AND BUILDING MA  
 Owner Address: 3645 LONG BEACH BLVD.  
 Owner City,St,Zip: LONG BEACH, CA 90807  
 Total Tanks: 0002

Tank Num: 001  
 Container Num: 1

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A.L.L. ROOFING & BUILDING MATE (Continued)**

**U001561447**

Year Installed: Not reported  
 Tank Capacity: 00001000  
 Tank Used for: PRODUCT  
 Type of Fuel: REGULAR  
 Container Construction Thickness: Not reported  
 Leak Detection: Pressure Test

Tank Num: 002  
 Container Num: 2  
 Year Installed: Not reported  
 Tank Capacity: 00001000  
 Tank Used for: PRODUCT  
 Type of Fuel: DIESEL  
 Container Construction Thickness: Not reported  
 Leak Detection: Pressure Test

**B28**  
**ENE**  
 < 1/8  
 0.021 mi.  
 113 ft.

**ALLIED BUILDING PRODUCTS CORP**  
**1212 W 58TH ST**  
**LOS ANGELES, CA 90037**  
 Site 11 of 16 in cluster B

**UST U004305571**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**143 ft.**

LOS ANGELES UST:  
 Name: ALLIED BUILDING PRODUCTS CORP  
 Address: 1212 W 58TH ST  
 City,State,Zip: LOS ANGELES, CA 90037  
 Facility ID: FA0002710  
 Last Run Date: 06/03/2019  
 Status: INACTIVE

**B29**  
**ENE**  
 < 1/8  
 0.021 mi.  
 113 ft.

**ALL ROOFING & BUILDING MATERIALS CORP**  
**1212 W 58TH ST**  
**LOS ANGELES, CA 90037**  
 Site 12 of 16 in cluster B

**HIST UST S113056800**  
**HAZNET N/A**  
**HWTS**

**Relative:**  
**Higher**  
**Actual:**  
**143 ft.**

HIST UST:  
 Name: ALL ROOFING AND BUILDING MATE  
 Address: 1212 W 58TH ST  
 City,State,Zip: LOS ANGELES, CA 90037  
 File Number: 0002611E  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002611E.pdf>  
 Region: Not reported  
 Facility ID: Not reported  
 Facility Type: Not reported  
 Other Type: Not reported  
 Contact Name: Not reported  
 Telephone: Not reported  
 Owner Name: Not reported  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Total Tanks: Not reported

Tank Num: Not reported  
 Container Num: Not reported  
 Year Installed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALL ROOFING & BUILDING MATERIALS CORP (Continued)**

**S113056800**

Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

**HAZNET:**

Name: ALL ROOFING & BUILDING MATERIALS CORP  
Address: 1212 W 58TH ST  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900370000  
Contact: DEACT 5/13/96 NOT A GENERATOR  
Telephone: 2137531277  
Mailing Name: Not reported  
Mailing Address: 1212 W 58TH ST

Year: 1998  
Gepaid: CAL000092542  
TSD EPA ID: CAT080013352  
CA Waste Code: 241 - Tank bottom waste  
Disposal Method: R01 - Recycler  
Tons: 0.1668

Year: 1997  
Gepaid: CAL000092542  
TSD EPA ID: CAT080013352  
CA Waste Code: 241 - Tank bottom waste  
Disposal Method: R01 - Recycler  
Tons: 0.1459

Year: 1995  
Gepaid: CAL000092542  
TSD EPA ID: CAD099452708  
CA Waste Code: 241 - Tank bottom waste  
Disposal Method: R01 - Recycler  
Tons: 0.5629

Year: 1993  
Gepaid: CAL000092542  
TSD EPA ID: CAD009452708  
CA Waste Code: 241 - Tank bottom waste  
Disposal Method: R01 - Recycler  
Tons: 0.0417

**Additional Info:**

Year: 1993  
Gen EPA ID: CAL000092542

Shipment Date: 19931216  
Creation Date: 9/14/1995 0:00:00  
Receipt Date: 19931217  
Manifest ID: 93168859  
Trans EPA ID: CAD982429433

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALL ROOFING & BUILDING MATERIALS CORP (Continued)**

**S113056800**

Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD009452708  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.0417  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1997  
Gen EPA ID: CAL000092542

Shipment Date: 19970709  
Creation Date: 12/11/1997 0:00:00  
Receipt Date: 19970724  
Manifest ID: 96679696  
Trans EPA ID: Not reported  
Trans Name: Not reported  
Trans 2 EPA ID: CAD028277036  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT080013352  
TSDf Alt Name: Not reported  
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1459  
Waste Quantity: 35  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1995  
Gen EPA ID: CAL000092542

Shipment Date: 19950113  
Creation Date: 3/28/1996 0:00:00  
Receipt Date: 19950113  
Manifest ID: 93631333  
Trans EPA ID: CAL000827854

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALL ROOFING & BUILDING MATERIALS CORP (Continued)**

**S113056800**

Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD099452708  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.5629  
Waste Quantity: 135  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1998  
Gen EPA ID: CAL000092542

Shipment Date: 19980317  
Creation Date: 5/26/1998 0:00:00  
Receipt Date: 19980318  
Manifest ID: 96679901  
Trans EPA ID: CAL000159893  
Trans Name: Not reported  
Trans 2 EPA ID: CAD028277036  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT080013352  
TSDf Alt Name: Not reported  
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics  
RCRA Code: D001  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1668  
Waste Quantity: 40  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

HWTS:

Name: ALL ROOFING & BUILDING MATERIALS CORP  
Address: 1212 W 58TH ST  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900370000  
EPA ID: CAL000092542  
Inactive Date: 01/01/1900  
Create Date: 12/14/1993  
Last Act Date: 05/13/1996

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALL ROOFING & BUILDING MATERIALS CORP (Continued)**

**S113056800**

Mailing Name: Not reported  
Mailing Address: 1212 W 58TH ST  
Mailing Address 2: Not reported  
Mailing City,State,Zip: LOS ANGELES, CA 900370000  
Owner Name: A. L. L. CORP  
Owner Address: --  
Owner Address 2: Not reported  
Owner City,State,Zip: --, 99 --  
Contact Name: DEACT 5/13/96 NOT A GENERATOR  
Contact Address: -PH  
Contact Address 2: Not reported  
City,State,Zip: --, 99 --

**C30**  
**ENE**  
**< 1/8**  
**0.021 mi.**  
**113 ft.**

**1226 W 58TH ST**  
**LOS ANGELES, CA**

**Site 5 of 5 in cluster C**

**Relative:**  
**Higher**

**LOS ANGELES UST:**

**Actual:**  
**143 ft.**

Name: Not reported  
Address: 1226 W 58TH ST  
City,State,Zip: LOS ANGELES, CA  
Facility ID: Not reported  
Last Run Date: 01/01/1900  
Status: HISTORICAL

**UST U004299319**  
**N/A**

**B31**  
**ESE**  
**< 1/8**  
**0.022 mi.**  
**117 ft.**

**RAPID ANODIZING LLC**  
**1216 W SLAUSON AVE**  
**LOS ANGELES, CA 90044**

**Site 13 of 16 in cluster B**

**Relative:**  
**Higher**

**CERS HAZ WASTE:**

**Actual:**  
**143 ft.**

Name: RAPID ANODIZING LLC  
Address: 1216 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Site ID: 60475  
CERS ID: 10239586  
CERS Description: Hazardous Waste Generator

**CERS HAZ WASTE S125546461**  
**CERS N/A**  
**HWTS**

**CERS:**

Name: RAPID ANODIZING LLC  
Address: 1216 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Site ID: 60475  
CERS ID: 10239586  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 60475  
Site Name: RAPID ANODIZING LLC  
Violation Date: 07-23-2014  
Citation: 22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8  
Violation Description: Failure of the generator to prepare a hazardous waste management



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**S125546461**

performance report every four years. The report shall contain sufficient detail to convey an understanding of the hazardous waste management approaches used at the site, using narratives, photographs, illustrations, figures or data as necessary, which includes, at a minimum, all of the following: 1) Name and location of the site 2) Four digit SIC code(s) for the site 3) All of the following information for each waste stream identified: A) An estimate, in pounds, of the quantity of hazardous waste generated and the quantity of hazardous waste managed, both onsite and offsite, during the current reporting year and the baseline year; B) A description of current hazardous waste management approaches and identification of all approaches implemented since the baseline year; C) An assessment of the effect, since the baseline year, of each implemented hazardous waste management approach on the weight of hazardous waste generated, the properties which cause it to be classified as a hazardous waste and/or the onsite and offsite management of hazardous waste. The report shall consider, but shall not be limited to all of the following approaches: 1. Source reduction; 2. Onsite or offsite recycling; 3. Onsite or offsite treatment; and D) A description of factors during the current reporting year that have affected hazardous waste generation and onsite and offsite hazardous waste management since the baseline year, including, but not limited to, any of the following: 1. Changes in business activity; 2. Changes in waste classification; 3. Natural phenomena and; 4. Other factors that have affected either the quantity of hazardous waste generated or onsite and offsite hazardous waste management requirements.

Violation Notes:

Returned to compliance on 11/01/2014. OBSERVATION: Seven 5 gallon buckets with used oil are not labeled as hazardous waste and missing accumulation start dates. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division:  
Violation Program:  
Violation Source:

Los Angeles County Fire Department  
HW  
CERS

Site ID:  
Site Name:  
Violation Date:  
Citation:

60475  
RAPID ANODIZING LLC  
08-24-2016  
HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

Violation Description:

Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Notes:  
Violation Division:  
Violation Program:  
Violation Source:

Returned to compliance on 01/30/2018.  
Los Angeles City Fire Department  
HMRRP  
CERS

Site ID:  
Site Name:  
Violation Date:  
Citation:

60475  
RAPID ANODIZING LLC  
08-24-2016  
HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**S125546461**

Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 01/30/2018.

Violation Division: Los Angeles City Fire Department

Violation Program: HMRRP

Violation Source: CERS

Site ID: 60475

Site Name: RAPID ANODIZING LLC

Violation Date: 08-24-2016

Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.

Violation Notes: Returned to compliance on 01/30/2018.

Violation Division: Los Angeles City Fire Department

Violation Program: HMRRP

Violation Source: CERS

Site ID: 60475

Site Name: RAPID ANODIZING LLC

Violation Date: 07-23-2014

Citation: 22 CCR 12 66262.27(b) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.27(b)

Violation Description: Failure of the hazardous waste generator to certify on the manifest that a good faith effort has been made to reduce hazardous waste.

Violation Notes: Returned to compliance on 08/22/2014. OBSERVATION: One 7 gallon container in the Haz Mat Storage Area with chromium trioxide anhydrous is not determined as a waste or not. Also, one 55 gallon black drum in the Dry Film Dept. has an unknown material. Any person who generates a waste shall determine if the waste is a hazardous waste. CORRECTIVE ACTION: Immediately make a hazardous waste determination for the materials above, and manage it according the Title 22 hazardous waste regulations if the hazardous waste determination documents that the waste is a regulated hazardous waste. If the waste stream is determined to be non-hazardous, submit documentation supporting this conclusion. Submit a statement and supporting documentation explaining how this waste was managed by 8/22/14.

Violation Division: Los Angeles County Fire Department

Violation Program: HW

Violation Source: CERS

Site ID: 60475

Site Name: RAPID ANODIZING LLC

Violation Date: 07-23-2014

Citation: 22 CCR 23 66273.31(a) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.31(a)

Violation Description: Failure of the universal waste handler to transfer universal waste to the appropriate designation facility.

Violation Notes: Returned to compliance on 08/22/2014. OBSERVATION: The Owner/Operator failed to provide records of the following: At a minimum, the training program designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**S125546461**

parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and the name of each employee filling each job; 2) written job description for each position listed above; 3) written description of the type and amount of both [Truncated]

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 60475  
Site Name: RAPID ANODIZING LLC  
Violation Date: 08-24-2016  
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)

Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

Violation Notes: Returned to compliance on 01/30/2018.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 60475  
Site Name: RAPID ANODIZING LLC  
Violation Date: 08-24-2016  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 01/30/2018.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 60475  
Site Name: RAPID ANODIZING LLC  
Violation Date: 08-24-2016  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Notes: Returned to compliance on 01/30/2018.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 60475  
Site Name: RAPID ANODIZING LLC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**S125546461**

Violation Date: 08-24-2016  
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)  
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.  
Violation Notes: Returned to compliance on 01/30/2018.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 60475  
Site Name: RAPID ANODIZING LLC  
Violation Date: 08-24-2016  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.  
Violation Notes: Returned to compliance on 01/30/2018.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 60475  
Site Name: RAPID ANODIZING LLC  
Violation Date: 08-24-2016  
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507  
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.  
Violation Notes: Returned to compliance on 01/30/2018.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 60475  
Site Name: RAPID ANODIZING LLC  
Violation Date: 07-23-2014  
Citation: 40 CFR 1 265.201(c)(3) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(3)  
Violation Description: Failure to conduct daily tank inspection of the discharge systems, monitoring equipment, and tank levels.  
Violation Notes: OBSERVATION: Residue from tanks have built up in the secondary containment area. Also, the south and southwest sides of the secondary containment is broken. Facilities shall be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste to air, soil, or surface water which could threaten human health or the environment. CORRECTIVE ACTION: Immediately clean and repair the secondary containment process area, and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed by 8/22/14.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**S125546461**

Site ID: 60475  
Site Name: RAPID ANODIZING LLC  
Violation Date: 08-24-2016  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Violation Notes: Returned to compliance on 01/30/2018.  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-11-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Manager gone for the day. Request to reschedule inspection.  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-30-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: LAFD CUPA personnel conducted training at this facility. CUPA Personnel: Alvin Dong, Nori Bersales, Eloy Luna. Facility staff conducted walk through: Teresa Nieves Montebello & Victor Munoz.  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-26-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Victor Munoz, Facility supervisor  
Eval Division: Los Angeles County Fire Department  
Eval Program: HWRecycler  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-23-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-24-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Permission to conduct the inspection was granted by Mr. Christopher

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**S125546461**

Elms, Chemical Engineer.  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Coordinates:  
Site ID: 60475  
Facility Name: RAPID ANODIZING LLC  
Env Int Type Code: HWG  
Program ID: 10239586  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.988870  
Longitude: -118.296590

Affiliation:  
Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012  
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Legal Owner  
Entity Name: Gamma Aerospace  
Entity Title: Not reported  
Affiliation Address: 1415 W 178th St  
Affiliation City: Gardena  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90248  
Affiliation Phone: (310) 532-4448

Affiliation Type Desc: Parent Corporation  
Entity Name: RAPID ANODIZING INC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Teresa Nieves Montebello  
Entity Title: Quality Engineer  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**S125546461**

Affiliation Type Desc: Document Preparer  
Entity Name: Teresa Nieves Montebello  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: HCI Environmental & Engineering - Jennifer Clemison  
Entity Title: Not reported  
Affiliation Address: 114 Business Center Drive  
Affiliation City: Corona  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92880  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 1216 W SLAUSON AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90044  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Jonathan Minter  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 502-4764

**HWTS:**

Name: RAPID ANODIZING LLC  
Address: 1216 W SLAUSON AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 90044  
EPA ID: CAL000449880  
Inactive Date: Not reported  
Create Date: 10/11/2019  
Last Act Date: 10/11/2019  
Mailing Name: Not reported  
Mailing Address: 1216 W SLAUSON AVE  
Mailing Address 2: Not reported  
Mailing City,State,Zip: LOS ANGELES, CA 90044  
Owner Name: GAMMA AEROSPACE LLC  
Owner Address: 601 AIRPORT DR  
Owner Address 2: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**S125546461**

Owner City,State,Zip: MANSFIELD, TX 76063  
 Contact Name: JON MINTER  
 Contact Address: 1216 W SLAUSON AVE  
 Contact Address 2: Not reported  
 City,State,Zip: LOS ANGELES, CA 90044

NAICS:  
 EPA ID: CAL000449880  
 Create Date: 2019-10-11 09:07:58.190  
 NAICS Code: 333319  
 NAICS Description: Other Commercial and Service Industry Machinery Manufacturing  
 Issued EPA ID Date: 2019-10-11 09:07:58.17300  
 Inactive Date: Not reported  
 Facility Name: RAPID ANODIZING LLC  
 Facility Address: 1216 W SLAUSON AVE  
 Facility Address 2: Not reported  
 Facility City: LOS ANGELES  
 Facility County: Not reported  
 Facility State: CA  
 Facility Zip: 90044

**B32  
 ESE  
 < 1/8  
 0.022 mi.  
 117 ft.**

**RAPID ANODIZING INC  
 1216 W SLAUSON AVE  
 LOS ANGELES, CA 90044**  
**Site 14 of 16 in cluster B**

**HAZNET S113167270  
 HAZMAT N/A  
 LA Co. Site Mitigation  
 HWTS**

**Relative:  
 Higher  
 Actual:  
 143 ft.**

HAZNET:  
 Name: RAPID ANODIZING INC  
 Address: 1216 W SLAUSON AVE  
 Address 2: Not reported  
 City,State,Zip: LOS ANGELES, CA 900442822  
 Contact: CHRISTOPHER ELMS  
 Telephone: 3237535255  
 Mailing Name: Not reported  
 Mailing Address: 1216 W SLAUSON AVE

Year: 2018  
 Gepaid: CAL922052989  
 TSD EPA ID: AZR000520304  
 CA Waste Code: 331 - Off-specification, aged or surplus organics  
 Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
 Tons: 0.01000

Year: 2018  
 Gepaid: CAL922052989  
 TSD EPA ID: MXC130619001  
 CA Waste Code: 352 - Other organic solids  
 Disposal Method: H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)  
 Tons: 0.13250

Year: 2018  
 Gepaid: CAL922052989  
 TSD EPA ID: AZR000520304  
 CA Waste Code: 223 - Unspecified oil-containing waste



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.08340
Year:	2018
Gepaid:	CAL922052989
TSD EPA ID:	MXC130619001
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H020 - Solvents Recovery
Tons:	0.12600
Year:	2017
Gepaid:	CAL922052989
TSD EPA ID:	AZR000501510
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1675
Year:	2017
Gepaid:	CAL922052989
TSD EPA ID:	AZR000501510
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.15
Year:	2017
Gepaid:	CAL922052989
TSD EPA ID:	AZR000501510
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0075
Year:	2017
Gepaid:	CAL922052989
TSD EPA ID:	MXC130619001
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H020 - Solvents Recovery
Tons:	0.0875
Year:	2017
Gepaid:	CAL922052989
TSD EPA ID:	MXC130619001
CA Waste Code:	352 - Other organic solids
Disposal Method:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Tons:	0.29
Year:	2016
Gepaid:	CAL922052989
TSD EPA ID:	CAD044429835
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

[Click this hyperlink](#) while viewing on your computer to access 19 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2007
Gen EPA ID:	CAL922052989
Shipment Date:	20070613
Creation Date:	12/28/2007 18:30:06
Receipt Date:	20070619
Manifest ID:	002328335JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070208
Creation Date:	10/8/2007 18:30:25
Receipt Date:	20070215
Manifest ID:	001408238JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Additional Info:

Year:	2015
Gen EPA ID:	CAL922052989
Shipment Date:	20151222
Creation Date:	9/27/2016 18:30:52
Receipt Date:	20151229
Manifest ID:	015348109JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151207
Creation Date:	2/9/2016 22:15:50
Receipt Date:	20151209
Manifest ID:	014911188JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151106
Creation Date:	5/24/2016 18:30:05
Receipt Date:	20151112

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Manifest ID:	014910220JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150915
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150918
Manifest ID:	015055718JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150915
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150918
Manifest ID:	015055718JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals  
RCRA Code: D002  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Quantity Tons: 1.1259  
Waste Quantity: 270  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2010  
Gen EPA ID: CAL922052989

Shipment Date: 20101202  
Creation Date: 5/20/2011 18:30:13  
Receipt Date: 20101207  
Manifest ID: 008050014JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.2  
Waste Quantity: 400  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20100831  
Creation Date: 2/8/2011 18:30:09  
Receipt Date: 20100902  
Manifest ID: 007702161JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDF EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics

Map ID  
Direction  
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MAP FINDINGS

Site

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EDR ID Number  
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**RAPID ANODIZING INC (Continued)**

**S113167270**

RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100708
Creation Date:	1/24/2011 18:30:44
Receipt Date:	20100713
Manifest ID:	007465624JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100224
Creation Date:	11/30/2010 18:30:08
Receipt Date:	20100301
Manifest ID:	006904642JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	D001

Map ID  
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MAP FINDINGS

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**RAPID ANODIZING INC (Continued)**

**S113167270**

Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20100128  
Creation Date: 7/20/2010 18:30:08  
Receipt Date: 20100201  
Manifest ID: 006385818JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.175  
Waste Quantity: 350  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2011  
Gen EPA ID: CAL922052989

Shipment Date: 20111213  
Creation Date: 4/26/2012 20:30:19  
Receipt Date: 20111216  
Manifest ID: 009281768JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

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**RAPID ANODIZING INC (Continued)**

**S113167270**

Additional Code 5:	Not reported
Shipment Date:	20111213
Creation Date:	4/26/2012 20:30:19
Receipt Date:	20111216
Manifest ID:	009281768JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D005
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110823
Creation Date:	2/7/2012 20:30:12
Receipt Date:	20110825
Manifest ID:	008779952JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110718
Creation Date:	12/20/2011 18:30:15
Receipt Date:	20110721
Manifest ID:	008778953JJK
Trans EPA ID:	CAR000188201



Map ID  
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MAP FINDINGS

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Database(s)

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**RAPID ANODIZING INC (Continued)**

**S113167270**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110223
Creation Date:	7/15/2011 18:30:11
Receipt Date:	20110228
Manifest ID:	008052135JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2012
Gen EPA ID:	CAL922052989
Shipment Date:	20121008
Creation Date:	3/22/2013 22:15:17
Receipt Date:	20121018
Manifest ID:	009974920JJK
Trans EPA ID:	CAR000163097
Trans Name:	K-VAC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
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**RAPID ANODIZING INC (Continued)**

**S113167270**

TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.375
Waste Quantity:	750
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120321
Creation Date:	10/19/2012 22:15:10
Receipt Date:	20120329
Manifest ID:	009533165JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120321
Creation Date:	8/28/2012 22:15:13
Receipt Date:	20120326
Manifest ID:	009533166JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD95248857
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2016  
Gen EPA ID: CAL922052989

Shipment Date: 20151222  
Creation Date: 9/27/2016 18:30:52  
Receipt Date: 20151229  
Manifest ID: 015348109JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES  
Trans 2 EPA ID: CAD982030173  
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals  
RCRA Code: D002  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Quantity Tons: 1.14675  
Waste Quantity: 275  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20151207  
Creation Date: 2/9/2016 22:15:50  
Receipt Date: 20151209  
Manifest ID: 014911188JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000646117  
Trans Name: CHEMICAL WASTE MANAGEMENT  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.025  
Waste Quantity: 50  
Quantity Unit: P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151106
Creation Date:	5/24/2016 18:30:05
Receipt Date:	20151112
Manifest ID:	014910220JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150915
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150918
Manifest ID:	015055718JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150915

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Creation Date: 2/9/2016 22:15:26  
Receipt Date: 20150918  
Manifest ID: 015055718JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAD982030173  
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals  
RCRA Code: D002  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Quantity Tons: 1.1259  
Waste Quantity: 270  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2017  
Gen EPA ID: CAL922052989

Shipment Date: 20171214  
Creation Date: 11/8/2018 18:30:41  
Receipt Date: 20171218  
Manifest ID: 010388202FLE  
Trans EPA ID: CAR000176826  
Trans Name: HCI ENVIRONMENTAL & ENGINEERING SERVICE  
Trans 2 EPA ID: CAD980585293  
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION  
TSDf EPA ID: AZR000501510  
Trans Name: AA SYDCOL LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.015  
Waste Quantity: 30  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20171214  
Creation Date: 10/16/2018 18:31:15  
Receipt Date: 20171227  
Manifest ID: 010388203FLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAR000194217
Trans 2 Name:	TEMARRY RECYCLING INC
TSDf EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171214
Creation Date:	10/16/2018 18:31:15
Receipt Date:	20171227
Manifest ID:	010388203FLE
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAR000194217
Trans 2 Name:	TEMARRY RECYCLING INC
TSDf EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171214
Creation Date:	11/8/2018 18:30:41
Receipt Date:	20171218
Manifest ID:	010388202FLE
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDf EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170804
Creation Date:	8/1/2018 18:31:24
Receipt Date:	20170815
Manifest ID:	010966826FLE
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDf EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170804
Creation Date:	8/3/2018 18:30:14
Receipt Date:	20170818
Manifest ID:	010966827FLE
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAR000194217
Trans 2 Name:	TEMARRY RECYCLING INC
TSDf EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	F003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170804
Creation Date:	8/1/2018 18:31:24
Receipt Date:	20170815
Manifest ID:	010966826FLE
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDf EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.11
Waste Quantity:	220
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170804
Creation Date:	8/3/2018 18:30:14
Receipt Date:	20170818
Manifest ID:	010966827FLE
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAR000194217
Trans 2 Name:	TEMARRY RECYCLING INC
TSDf EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170804
Creation Date:	8/1/2018 18:31:24



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Receipt Date: 20170815  
Manifest ID: 010966826FLE  
Trans EPA ID: CAR000176826  
Trans Name: HCI ENVIRONMENTAL & ENGINEERING SERVICE  
Trans 2 EPA ID: CAD980585293  
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION  
TSDf EPA ID: AZR000501510  
Trans Name: AA SYDCOL LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0375  
Waste Quantity: 75  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20170420  
Creation Date: 5/16/2018 18:30:21  
Receipt Date: 20170428  
Manifest ID: 010389022FLE  
Trans EPA ID: CAR000176826  
Trans Name: HCI ENVIRONMENTAL & ENGINEERING SERVICE  
Trans 2 EPA ID: CAR000163824  
Trans 2 Name: TRIMSA USA INC  
TSDf EPA ID: MXC130619001  
Trans Name: RECICLADORA TEMARRY DE MEXICO SA DE CV  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: D001  
Meth Code: H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)  
  
Quantity Tons: 0.06  
Waste Quantity: 120  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Additional Info:  
Year: 2008  
Gen EPA ID: CAL922052989  
  
Shipment Date: 20081020  
Creation Date: 3/9/2009 18:30:54  
Receipt Date: 20081024  
Manifest ID: 005002752JJK  
Trans EPA ID: CAR000188201

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081020
Creation Date:	3/9/2009 18:30:54
Receipt Date:	20081024
Manifest ID:	005002752JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2014
Gen EPA ID:	CAL922052989
Shipment Date:	20140822
Creation Date:	2/6/2015 22:15:05
Receipt Date:	20140826
Manifest ID:	013191984JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAL000397106
Trans 2 Name:	JAG NV TRANSPORT

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

TSDF EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.05  
Waste Quantity: 100  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20140228  
Creation Date: 7/24/2014 22:15:15  
Receipt Date: 20140305  
Manifest ID: 012378959JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAR000189928  
Trans 2 Name: NV TRANSPORT  
TSDF EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.03  
Waste Quantity: 60  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 2006  
Gen EPA ID: CAL922052989

Shipment Date: 20061026  
Creation Date: 6/29/2007 18:30:33  
Receipt Date: 20061102  
Manifest ID: 001399793JJK  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAD981430911  
Trans 2 Name: ZEPEDA TRKG  
TSDF EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDF Alt EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

TSDF Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D007  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.3  
Waste Quantity: 600  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20060921  
Creation Date: 7/13/2007 18:30:12  
Receipt Date: 20060926  
Manifest ID: 001409490JJK  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAD981430911  
Trans 2 Name: ZEPEDA TRKG  
TSDF EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: F006  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.05  
Waste Quantity: 100  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20060801  
Creation Date: 9/28/2006 18:32:01  
Receipt Date: 20060804  
Manifest ID: 24920131  
Trans EPA ID: CA0000970392  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAD982030173  
Trans 2 Name: ECOLOGY CONTROL IND  
TSDF EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: F006  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.2  
Waste Quantity: 400  
Quantity Unit: P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2009  
Gen EPA ID: CAL922052989

Shipment Date: 20090721  
Creation Date: 11/25/2009 18:30:51  
Receipt Date: 20090724  
Manifest ID: 006053837JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: NJD986607380  
Trans 2 Name: MAUMEE EXPRESS (ID #778)  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.2375  
Waste Quantity: 475  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2013  
Gen EPA ID: CAL922052989

Shipment Date: 20131025  
Creation Date: 4/7/2014 22:15:17  
Receipt Date: 20131030  
Manifest ID: 012209586JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAR000184754  
Trans 2 Name: IVEHARO CO  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130605
Creation Date:	7/27/2013 22:15:06
Receipt Date:	20130612
Manifest ID:	011516597JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc D002
RCRA Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Meth Code:	1.60545
Quantity Tons:	385
Waste Quantity:	G
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130430
Creation Date:	6/11/2013 22:15:07
Receipt Date:	20130503
Manifest ID:	011515531JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Additional Code 5: Not reported

Shipment Date: 20130121  
Creation Date: 6/7/2013 22:15:09  
Receipt Date: 20130125  
Manifest ID: 010763030JJK  
Trans EPA ID: CAR000188201  
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC  
Trans 2 EPA ID: CAR000189928  
Trans 2 Name: NV TRANSPORT  
TSD EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSD EPA Alt ID: Not reported  
TSD EPA Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.175  
Waste Quantity: 350  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**LOS ANGELES HM:**

Name: RAPID ANODIZING  
Address: 1216 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: FA0000184  
Last Run Date: 06/01/2019  
Status: ACTIVE

**LA Co. Site Mitigation:**

Name: RAPID ANODIZING  
Address: 1216 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: Not reported  
Status: Not reported  
Site ID: SD0000636  
Jurisdiction: Not reported  
Case ID: RO0001634  
Abated: No  
Assigned To: James Ly  
Entered Date: Not reported  
Abated Date: Not reported

**HWTS:**

Name: RAPID ANODIZING INC  
Address: 1216 W SLAUSON AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900440000  
EPA ID: CAL922052989  
Inactive Date: 06/30/2016

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**S113167270**

Create Date: 07/23/1992  
Last Act Date: 01/12/2017  
Mailing Name: Not reported  
Mailing Address: 1216 W SLAUSON AVE  
Mailing Address 2: Not reported  
Mailing City,State,Zip: LOS ANGELES, CA 900442822  
Owner Name: RAPID ANODIZING INC  
Owner Address: 1216 W SLAUSON AVE  
Owner Address 2: Not reported  
Owner City,State,Zip: LOS ANGELES, CA 900442822  
Contact Name: CHRISTOPHER ELMS  
Contact Address: 1216 W SLAUSON AVE  
Contact Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900442822

**NAICS:**

EPA ID: CAL922052989  
Create Date: 2012-09-21 16:13:49.783  
NAICS Code: 332813  
NAICS Description: Electroplating, Plating, Polishing, Anodizing, and Coloring  
Issued EPA ID Date: 1992-07-23 00:00:00  
Inactive Date: 2016-06-30 00:00:00  
Facility Name: RAPID ANODIZING INC  
Facility Address: 1216 W SLAUSON AVE  
Facility Address 2: Not reported  
Facility City: LOS ANGELES  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 900440000

EPA ID: CAL922052989  
Create Date: 2012-09-21 16:13:49.783  
NAICS Code: 332813  
NAICS Description: Electroplating, Plating, Polishing, Anodizing, and Coloring  
Issued EPA ID Date: 1992-07-23 00:00:00  
Inactive Date: 2016-06-30 00:00:00  
Facility Name: RAPID ANODIZING INC  
Facility Address: 1216 W SLAUSON AVE  
Facility Address 2: Not reported  
Facility City: LOS ANGELES  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 900440000

**B33**  
**ESE**  
**< 1/8**  
**0.022 mi.**  
**117 ft.**

**RAPID ANODIZING LLC**  
**1216 W SLAUSON AVE**  
**LOS ANGELES, CA 90044**

**RCRA NonGen / NLR 1025876744**  
**CAL000449880**

**Site 15 of 16 in cluster B**

**Relative:**  
**Higher**

RCRA NonGen / NLR:  
Date Form Received by Agency:  
Handler Name:  
Handler Address:  
Handler City,State,Zip:  
EPA ID:  
Contact Name:

RAPID ANODIZING LLC

2019-10-11 00:00:00.0  
1216 W SLAUSON AVE  
LOS ANGELES, CA 90044  
CAL000449880  
JON MINTER

**Actual:**  
**143 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**1025876744**

Contact Address:	1216 W SLAUSON AVE
Contact City,State,Zip:	LOS ANGELES, CA 90044
Contact Telephone:	323-753-5255
Contact Fax:	323-753-5692
Contact Email:	JMINTER@GAMMAERO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1216 W SLAUSON AVE
Mailing City,State,Zip:	LOS ANGELES, CA 90044
Owner Name:	GAMMA AEROSPACE LLC
Owner Type:	Other
Operator Name:	JON MINTER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**1025876744**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-11 18:29:11.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GAMMA AEROSPACE LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	601 AIRPORT DR
Owner/Operator City,State,Zip:	MANSFIELD, TX 76063
Owner/Operator Telephone:	817-477-2193
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JON MINTER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1216 W SLAUSON AVE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90044
Owner/Operator Telephone:	323-753-5255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-10-11 00:00:00.0
Handler Name:	RAPID ANODIZING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RAPID ANODIZING LLC (Continued)**

**1025876744**

Current Record: Yes  
 Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299  
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**B34**  
**ESE**  
 < 1/8  
 0.022 mi.  
 117 ft.

**RAPID ANODIZING INC**  
**1216 W. SLAUSON AVE.**  
**LOS ANGELES, CA 90044**

**RCRA NonGen / NLR**

**1024856750**  
**CAL000421037**

**Site 16 of 16 in cluster B**

**Relative:**  
**Higher**  
**Actual:**  
**143 ft.**

RCRA NonGen / NLR:  
 Date Form Received by Agency: 2019-10-01 00:00:00  
 Handler Name: RAPID ANODIZING INC  
 Handler Address: 1216 W. SLAUSON AVE.  
 Handler City,State,Zip: LOS ANGELES, CA 90044  
 EPA ID: CAL000421037  
 Contact Name: VICTOR D MUNOZ  
 Contact Address: W. SLAUSON AVE.  
 Contact City,State,Zip: LOS ANGELES, CA 90044  
 Contact Telephone: 323-753-5255  
 Contact Fax: Not reported  
 Contact Email: VICTOR@RAPIDANODIZING.COM  
 Contact Title: FACILITY SUPERVISOR  
 EPA Region: 09  
 Land Type: Private  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Not reported  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: W. SLAUSON AVE.  
 Mailing City,State,Zip: LOS ANGELES, CA 90044  
 Owner Name: RAPID ANODIZING INC.  
 Owner Type: Private  
 Operator Name: VICTOR MUNOZ  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RAPID ANODIZING INC (Continued)**

**1024856750**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-08 18:30:23.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**1024856750**

Waste Description: IGNITABLE WASTE

Waste Code: D002  
Waste Description: CORROSIVE WASTE

Waste Code: D003  
Waste Description: REACTIVE WASTE

Waste Code: D005  
Waste Description: BARIUM

Waste Code: D007  
Waste Description: CHROMIUM

Waste Code: D035  
Waste Description: METHYL ETHYL KETONE

Waste Code: F003  
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005  
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: RAPID ANODIZING INC.  
Legal Status: Private  
Date Became Current: 2016-07-20 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1216 W. SLAUSON AVE.  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90044  
Owner/Operator Telephone: 310-532-4480  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: 310-436-6026  
Owner/Operator Email: JON@RAPIDANODIZING.COM

Owner/Operator Indicator: Owner  
Owner/Operator Name: RAPID ANODIZING INC.  
Legal Status: Private  
Date Became Current: 2016-07-20 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1216 W. SLAUSON AVE.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**1024856750**

Owner/Operator City,State,Zip: LOS ANGELES, CA 90044  
Owner/Operator Telephone: 310-532-4480  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: 310-436-6026  
Owner/Operator Email: JON@RAPIDANODIZING.COM

Owner/Operator Indicator: Operator  
Owner/Operator Name: VICTOR MUNOZ  
Legal Status: Private  
Date Became Current: 2016-08-30 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1216 W. SLAUSON AVE.  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90044  
Owner/Operator Telephone: 323-753-5255  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: VICTOR@RAPIDANODIZING.COM

Owner/Operator Indicator: Operator  
Owner/Operator Name: VICTOR MUNOZ  
Legal Status: Private  
Date Became Current: 2016-08-30 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1216 W. SLAUSON AVE.  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90044  
Owner/Operator Telephone: 323-753-5255  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: VICTOR@RAPIDANODIZING.COM

Historic Generators:

Receive Date: 2018-10-01 00:00:00.0  
Handler Name: RAPID ANODIZING INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2019-10-01 00:00:00.0  
Handler Name: RAPID ANODIZING INC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

**RAPID ANODIZING INC (Continued)**

**1024856750**

List of NAICS Codes and Descriptions:

NAICS Code: 332813  
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

D35  
West  
< 1/8  
0.028 mi.  
147 ft.

**YOUNG DOERNER**  
**1400 W SLAUSON AVE**  
**LOS ANGELES, CA**  
**Site 1 of 3 in cluster D**

**EDR Hist Auto 1009076932**  
**N/A**

**Relative:**  
**Lower**

EDR Hist Auto

**Actual:**  
**140 ft.**

Year:	Name:	Type:
1924	HICKLIN R N	AUTOMOBILE SERVICE STATIONS
1929	FOSTER ELWOOD	GASOLINE AND OIL SERVICE STATION
1933	MATTSON CHAS	GASOLINE AND OIL SERVICE STATIONS
1942	YOUNG DOERNER	GASOLINE AND OIL SERVICE STATIONS
1987	HOARDS MUFFLERS	Automotive Repair Shops, NEC
1988	HOARDS MUFFLERS	Automotive Repair Shops, NEC

D36  
West  
< 1/8  
0.028 mi.  
147 ft.

**HOARD'S MUFFLER CO.**  
**1400 W SLAUSON AVE**  
**LOS ANGELES, CA 90047**  
**Site 2 of 3 in cluster D**

**HAZMAT S123499992**  
**CERS N/A**

**Relative:**  
**Lower**

LOS ANGELES HM:

**Actual:**  
**140 ft.**

Name:	HOARD'S MUFFLER CO.
Address:	1400 W SLAUSON AVE
City,State,Zip:	LOS ANGELES, CA 90047
Facility ID:	FA0009501
Last Run Date:	06/01/2019
Status:	ACTIVE

CERS:

Name:	HOARD'S MUFFLER CO.
Address:	1400 W SLAUSON AVE
City,State,Zip:	LOS ANGELES, CA 90047
Site ID:	122834
CERS ID:	10243930
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	122834
Site Name:	HOARD'S MUFFLER CO.
Violation Date:	02-14-2017
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOARD'S MUFFLER CO. (Continued)**

**S123499992**

Violation Description: Failure to complete and electronically submit a site map with all required content.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.  
Violation Date: 02-14-2017  
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1

Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.  
Violation Date: 02-14-2017  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.  
Violation Date: 02-14-2017  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.  
Violation Date: 02-14-2017  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOARD'S MUFFLER CO. (Continued)**

**S123499992**

Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.  
Violation Date: 02-14-2017  
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1  
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.  
Violation Date: 02-14-2017  
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)  
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.  
Violation Date: 02-14-2017  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.  
Violation Date: 02-14-2017  
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507  
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOARD'S MUFFLER CO. (Continued)**

**S123499992**

Violation Date: 02-14-2017  
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.  
Violation Date: 02-14-2017  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 122834  
Site Name: HOARD'S MUFFLER CO.  
Violation Date: 02-14-2017  
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)  
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-14-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Permission to enter, inspect and take photographs (as needed) was granted by, Butch Clark, Business Owner CONTACT INFORMATION: Butch Clark - Business Owner 323-971-8600 main wendellclark0@gmail.com All regulated businesses MUST annually submit their hazardous materials disclosures via the California Environmental Reporting System (CERS) website between, January 1st and March 1st. It is also mandatory to submit any substantial change in operation and/or any change in chemical inventory greater than 100 percent, within 30 days. The LAMC, Sections (L.A.M.C. SECTIONS 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA. To receive a Consolidated

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOARD'S MUFFLER CO. (Continued)**

**S123499992**

Permit you must satisfy the following requirements. I have attached all necessary information to your email that your business needs to comply. Included are [Truncated]

Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Coordinates:

Site ID: 122834  
Facility Name: HOARD'S MUFFLER CO.  
Env Int Type Code: HMBP  
Program ID: 10243930  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.988890  
Longitude: -118.300410

Affiliation:

Affiliation Type Desc: Parent Corporation  
Entity Name: HOARD'S MUFFLER CO.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012  
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 1400 W SLAUSON AV  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90047  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: CLARK, WENDELL  
Entity Title: Not reported  
Affiliation Address: 1400 W SLAUSON AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90047

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOARD'S MUFFLER CO. (Continued)**

**S123499992**

Affiliation Phone: (310) 530-4155

**D37**  
**West**  
**< 1/8**  
**0.030 mi.**  
**161 ft.**

**PERCY POLK**  
**1416 W SLAUSON AVE**  
**LOS ANGELES, CA 90047**

**HAZNET** **S112941576**  
**HAZMAT** **N/A**  
**HWTS**

**Site 3 of 3 in cluster D**

**Relative:**  
**Lower**

**HAZNET:**  
Name: PERCY POLK  
Address: 1416 W SLAUSON AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 90047  
Contact: PERCY POLK  
Telephone: 3234402462  
Mailing Name: Not reported  
Mailing Address: 1416 W SLAUSON AVE  
  
Year: 2004  
Gepaid: CAC002583980  
TSD EPA ID: CAD009007626  
CA Waste Code: 151 - Asbestos containing waste  
Disposal Method: D80 - Disposal, Land Fill  
Tons: 0.8428

**Actual:**  
**140 ft.**

**Additional Info:**

Year: 2004  
Gen EPA ID: CAC002583980  
  
Shipment Date: 20041123  
Creation Date: 1/20/2005 18:31:32  
Receipt Date: 20041123  
Manifest ID: 24180065  
Trans EPA ID: CAL000276238  
Trans Name: AMERICAN TECHNOLOGIES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: NONE  
TSD EPA ID: CAD009007626  
Trans Name: AZUSA LAND RECLAMATION COMPANY  
TSD Alt EPA ID: CAD009007626  
TSD Alt Name: Not reported  
Waste Code Description: 151 - Asbestos-containing waste  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.8428  
Waste Quantity: 1  
Quantity Unit: Y  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**LOS ANGELES HM:**

Name: THINGS WROUGHT IRON INC

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PERCY POLK (Continued)**

**S112941576**

Address: 1416 W SLAUSON AVE  
 City,State,Zip: LOS ANGELES, CA 90047  
 Facility ID: FA0014125  
 Last Run Date: 06/01/2019  
 Status: INACTIVE

**HWTS:**

Name: PERCY POLK  
 Address: 1416 W SLAUSON AVE  
 Address 2: Not reported  
 City,State,Zip: LOS ANGELES, CA 90047  
 EPA ID: CAC002583980  
 Inactive Date: 06/21/2005  
 Create Date: 11/12/2004  
 Last Act Date: 06/21/2005  
 Mailing Name: Not reported  
 Mailing Address: 1416 W SLAUSON AVE  
 Mailing Address 2: Not reported  
 Mailing City,State,Zip: LOS ANGELES, CA 90047  
 Owner Name: PERCY POLK  
 Owner Address: 1416 W SLAUSON AVE  
 Owner Address 2: Not reported  
 Owner City,State,Zip: LOS ANGELES, CA 90047  
 Contact Name: PERCY POLK  
 Contact Address: 1416 W SLAUSON AVE  
 Contact Address 2: Not reported  
 City,State,Zip: LOS ANGELES, CA 90047

**E38**  
**WNW**  
 < 1/8  
 0.032 mi.  
 170 ft.

**GRAND AM CLEANERS**  
**5727 S NORMANDIE**  
**LOS ANGELES, CA 90037**

**RCRA-SQG** 1001111686  
**FINDS** CAR000012245  
**ECHO**  
**HAZNET**  
**HWTS**

**Site 1 of 2 in cluster E**

**Relative:**  
**Lower**  
**Actual:**  
**140 ft.**

**RCRA-SQG:**  
 Date Form Received by Agency: 1996-05-16 00:00:00.0  
 Handler Name: GRAND AM CLEANERS  
 Handler Address: 5727 S NORMANDIE  
 Handler City,State,Zip: LOS ANGELES, CA 90037  
 EPA ID: CAR000012245  
 Contact Name: RON MACK MCCOY  
 Contact Address: 5727 S NORMANDIE  
 Contact City,State,Zip: LOS ANGELES, CA 90037  
 Contact Telephone: 213-753-7334  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 09  
 Land Type: Private  
 Federal Waste Generator Description: Small Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: S NORMANDIE

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GRAND AM CLEANERS (Continued)**

**1001111686**

Mailing City,State,Zip:	LOS ANGELES, CA 90037
Owner Name:	RON MACK MCCOY
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:54.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND AM CLEANERS (Continued)**

**1001111686**

Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: RON MACK MCCOY  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 5727 S NORMANDIE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90037  
Owner/Operator Telephone: 213-753-7334  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1996-05-16 00:00:00.0  
Handler Name: GRAND AM CLEANERS  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002912037

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND AM CLEANERS (Continued)**

**1001111686**

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1001111686  
Registry ID: 110002912037  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002912037>  
Name: GRAND AM CLEANERS  
Address: 5727 S NORMANDIE  
City,State,Zip: LOS ANGELES, CA 90037

**HAZNET:**

Name: GRAND AM CLEANERS  
Address: 5727 S NORMANDIE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900370000  
Contact: UNDELIVERABLE PER VF97 AH  
Telephone: 2137537334  
Mailing Name: Not reported  
Mailing Address: 5727 S NORMANDIE AVE  
  
Year: 1996  
Gepaid: CAR000012245  
TSD EPA ID: CAD981397417  
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)  
Disposal Method: R01 - Recycler  
Tons: 0.2107

**Additional Info:**

Year: 1996  
Gen EPA ID: CAR000012245  
  
Shipment Date: 19960712  
Creation Date: 5/20/1997 0:00:00  
Receipt Date: 19960715  
Manifest ID: 96109564  
Trans EPA ID: CAD981414386  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSD EPA ID: CAD981397417  
Trans Name: Not reported  
TSD EPA ID: Not reported  
TSD EPA Name: Not reported  
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.  
  
RCRA Code: F002  
Meth Code: R01 - Recycler  
Quantity Tons: 0  
Waste Quantity: 0  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND AM CLEANERS (Continued)**

**1001111686**

Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 19960712  
Creation Date: 5/20/1997 0:00:00  
Receipt Date: 19960715  
Manifest ID: 96109564  
Trans EPA ID: CAD981414386  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD981397417  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.  
  
RCRA Code: F002  
Meth Code: R01 - Recycler  
Quantity Tons: 0.2107  
Waste Quantity: 0.25  
Quantity Unit: Y  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**HWTS:**

Name: GRAND AM CLEANERS  
Address: 5727 S NORMANDIE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900370000  
EPA ID: CAR000012245  
Inactive Date: 06/30/1997  
Create Date: 06/20/1996  
Last Act Date: 07/06/2010  
Mailing Name: Not reported  
Mailing Address: 5727 S NORMANDIE AVE  
Mailing Address 2: Not reported  
Mailing City,State,Zip: LOS ANGELES, CA 900373926  
Owner Name: RON MACK MCCOY  
Owner Address: 5727 S NORMANDIE AVE  
Owner Address 2: Not reported  
Owner City,State,Zip: LOS ANGELES, CA 900373926  
Contact Name: UNDELIVERABLE PER VF97 AH  
Contact Address: 5727 S NORMANDIE AVE  
Contact Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900373926

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

E39  
WNW  
< 1/8  
0.044 mi.  
230 ft.

**NORMANDIE AUTO CENTER**  
1355 W 58TH ST  
LOS ANGELES, CA 90037

**CERS HAZ WASTE** S124860465  
**HWTS** N/A

Site 2 of 2 in cluster E

Relative:  
Lower

CERS HAZ WASTE:

Actual:  
141 ft.

Name: NORMANDIE AUTO CENTER  
Address: 1355 W 58TH ST  
City,State,Zip: LOS ANGELES, CA 90037  
Site ID: 566185  
CERS ID: 10842532  
CERS Description: Hazardous Waste Generator

Violations:

Site ID: 566185  
Site Name: NORMANDIE AUTO CENTER  
Violation Date: 05-19-2020  
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)  
Violation Description: Failure to report program data electronically.  
Violation Notes: Returned to compliance on 07/01/2020. OBSERVATION: Owner/Operator failed to submit the hazardous waste notification electronically to CERS. CORRECTIVE ACTION: Owner/Operator shall submit a notification of hazardous waste generated by the facility in accordance with HSC 25158 electronically to CERS (i.e., Facility Information element submittal).  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-19-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Manuel Rodriguez, Owner Signature not collected at inspection due to COVID19 precautions.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012  
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Parent Corporation  
Entity Name: NORMANDIE AUTO CENTER  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORMANDIE AUTO CENTER (Continued)**

**S124860465**

Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**HWTS:**

Name: NORMANDIE SMOG CENTER  
Address: 1355 W 58TH ST  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900373918  
EPA ID: CAL000307543  
Inactive Date: 06/30/2017  
Create Date: 06/01/2006  
Last Act Date: 03/14/2017  
Mailing Name: Not reported  
Mailing Address: 1355 W 58TH ST  
Mailing Address 2: Not reported  
Mailing City,State,Zip: LOS ANGELES, CA 900370000  
Owner Name: MANUEL RODRIGUEZ  
Owner Address: 1355 W 58TH ST  
Owner Address 2: Not reported  
Owner City,State,Zip: LOS ANGELES, CA 900373918  
Contact Name: MANUEL RODRIGUEZ  
Contact Address: 1355 W 58TH ST  
Contact Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900373918

**NAICS:**

EPA ID: CAL000307543  
Create Date: 2006-06-01 10:35:04.293  
NAICS Code: 811111  
NAICS Description: General Automotive Repair  
Issued EPA ID Date: 2006-06-01 10:35:04.18300  
Inactive Date: 2017-06-30 00:00:00  
Facility Name: NORMANDIE SMOG CENTER  
Facility Address: 1355 W 58TH ST  
Facility Address 2: Not reported  
Facility City: LOS ANGELES  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 900373918

**F40**  
**East**  
**< 1/8**  
**0.063 mi.**  
**333 ft.**  
**Relative:**  
**Higher**  
**Actual:**  
**144 ft.**

**CUSTOMER FIRST TRANSM SVCS**  
**1132 W 58TH ST**  
**LOS ANGELES, CA 90037**

**Site 1 of 3 in cluster F**

EDR Hist Auto

**EDR Hist Auto 1020305483**  
**N/A**

Year:	Name:	Type:
2005	CUSTOMER FIRST TRANSMISSION SE	Automotive Transmission Repair Shops
2006	CUSTOMER FIRST TRANSMISSION SE	Automotive Transmission Repair Shops
2007	CUSTOMER FIRST TRANSMISSION SE	Automotive Transmission Repair Shops
2008	CUSTOMER FIRST TRANSM SVCS	Automotive Transmission Repair Shops
2009	CUSTOMER FIRST TRANSM SVCS	Automotive Transmission Repair Shops
2010	CUSTOMER FIRST TRANSM SVCS	Automotive Transmission Repair Shops
2011	CUSTOMER FIRST TRANSM SVCS	Automotive Transmission Repair Shops

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CUSTOMER FIRST TRANSM SVCS (Continued)**

**1020305483**

2012	CUSTOMER FIRST TRANSM SVCS	Automotive Transmission Repair Shops
2013	CUSTOMER FIRST TRANSM SVCS	Automotive Transmission Repair Shops
2014	CUSTOMER FIRST TRANSM SVCS	Automotive Transmission Repair Shops

**F41**  
**East**  
**< 1/8**  
**0.095 mi.**  
**504 ft.**

**EL SUPER #17**  
**1100 W SLAUSON AVE**  
**LOS ANGELES, CA 90044**

**Site 2 of 3 in cluster F**

**CERS HAZ WASTE**  
**HAZNET**  
**HAZMAT**  
**CERS**  
**HWTS**

**S123077677**  
**N/A**

**Relative:**  
**Higher**

CERS HAZ WASTE:

**Actual:**  
**144 ft.**

Name:	EL SUPER #17
Address:	1100 W SLAUSON AVE
City,State,Zip:	LOS ANGELES, CA 90044
Site ID:	114147
CERS ID:	10410622
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	EL SUPER #17
Address:	1100 W SLAUSON AVE
Address 2:	Not reported
City,State,Zip:	LOS ANGELES, CA 90044
Contact:	RICARDO MONTES
Telephone:	5623758211
Mailing Name:	Not reported
Mailing Address:	14601B LAKEWOOD BLVD

Year:	2017
Gepaid:	CAL000381783
TSD EPA ID:	AZD081705402
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	Not reported

Year:	2017
Gepaid:	CAL000381783
TSD EPA ID:	AZD081705402
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.002

Year:	2017
Gepaid:	CAL000381783
TSD EPA ID:	AZD081705402
CA Waste Code:	123 - Unspecified alkaline solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.002

Additional Info:

Year:	2017
Gen EPA ID:	CAL000381783

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

EL SUPER #17 (Continued)

S123077677

Shipment Date: 20170428  
Creation Date: 5/12/2018 18:31:53  
Receipt Date: 20170505  
Manifest ID: 000798912WAS  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC-TS SIGNAL HILL  
Trans 2 EPA ID: AZR000512343  
Trans 2 Name: SALT RIVER EXTRACTION  
TSDf EPA ID: AZD081705402  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.002  
Waste Quantity: 4  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20170428  
Creation Date: 5/12/2018 18:31:53  
Receipt Date: 20170505  
Manifest ID: 000798912WAS  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC-TS SIGNAL HILL  
Trans 2 EPA ID: AZR000512343  
Trans 2 Name: SALT RIVER EXTRACTION  
TSDf EPA ID: AZD081705402  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: - Not reported  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: Not reported  
Waste Quantity: Not reported  
Quantity Unit: Not reported  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20170428  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000798912WAS  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC-TS SIGNAL HILL  
Trans 2 EPA ID: AZR000512343

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

EL SUPER #17 (Continued)

S123077677

Trans 2 Name: SALT RIVER EXTRACTION  
TSDf EPA ID: AZD081705402  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0035  
Waste Quantity: 7  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20170428  
Creation Date: 5/12/2018 18:31:53  
Receipt Date: 20170505  
Manifest ID: 000798912WAS  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC-TS SIGNAL HILL  
Trans 2 EPA ID: AZR000512343  
Trans 2 Name: SALT RIVER EXTRACTION  
TSDf EPA ID: AZD081705402  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 123 - Unspecified alkaline solution  
RCRA Code: D002  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.002  
Waste Quantity: 4  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20170428  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000798912WAS  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC-TS SIGNAL HILL  
Trans 2 EPA ID: AZR000512343  
Trans 2 Name: SALT RIVER EXTRACTION  
TSDf EPA ID: AZD081705402  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: - Not reported  
RCRA Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SUPER #17 (Continued)**

**S123077677**

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.002  
Waste Quantity: 4  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20170428  
Creation Date: 5/12/2018 18:31:53  
Receipt Date: 20170505  
Manifest ID: 000798912WAS  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC-TS SIGNAL HILL  
Trans 2 EPA ID: AZR000512343  
Trans 2 Name: SALT RIVER EXTRACTION  
TSDf EPA ID: AZD081705402  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: - Not reported  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: Not reported  
Waste Quantity: Not reported  
Quantity Unit: Not reported  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**LOS ANGELES HM:**

Name: EL SUPER #17  
Address: 1100 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: FA0040543  
Last Run Date: 06/01/2019  
Status: ACTIVE

**CERS:**

Name: EL SUPER #17  
Address: 1100 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Site ID: 114147  
CERS ID: 10410622  
CERS Description: Chemical Storage Facilities

**Evaluation:**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-08-2019  
Violations Found: No  
Eval Type: Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SUPER #17 (Continued)**

**S123077677**

Eval Notes: Jose Gonzalez, Store Director  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Coordinates:  
Site ID: 114147  
Facility Name: El Super #17  
Env Int Type Code: HMBP  
Program ID: 10410622  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.988740  
Longitude: -118.293230

Affiliation:  
Affiliation Type Desc: Document Preparer  
Entity Name: Ricardo Montes  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Ricardo Montes  
Entity Title: Director of Compliance  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: BODEGA LATINA CORPORATION  
Entity Title: Not reported  
Affiliation Address: 14601B Lakewood Blvd  
Affiliation City: Paramount  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90723  
Affiliation Phone: (562) 616-8800

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012  
Affiliation Phone: (213) 978-3680



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SUPER #17 (Continued)**

**S123077677**

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 14601B Lakewood Blvd  
Affiliation City: Paramount  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90723  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Bodega Latina Corp.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Ricardo Montes  
Entity Title: Not reported  
Affiliation Address: 14601B Lakewood Blvd  
Affiliation City: Paramount  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90723  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: El Super  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (323) 565-4005

**HWTS:**

Name: EL SUPER #17  
Address: 1100 W SLAUSON AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 90044  
EPA ID: CAL000381783  
Inactive Date: Not reported  
Create Date: 01/22/2013  
Last Act Date: 08/04/2020  
Mailing Name: Not reported  
Mailing Address: 14601B LAKEWOOD BLVD  
Mailing Address 2: Not reported  
Mailing City,State,Zip: PARAMOUNT, CA 907233602  
Owner Name: BODEGA LATINA CORP  
Owner Address: 14601B LAKEWOOD BLVD  
Owner Address 2: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EL SUPER #17 (Continued)**

**S123077677**

Owner City,State,Zip: PARAMOUNT, CA 907233602  
 Contact Name: RICARDO MONTES  
 Contact Address: 14601B LAKEWOOD BLVD  
 Contact Address 2: Not reported  
 City,State,Zip: PARAMOUNT, CA 90723

**NAICS:**

EPA ID: CAL000381783  
 Create Date: 2013-01-22 15:59:53.020  
 NAICS Code: 99999  
 NAICS Description: Not Otherwise Specified  
 Issued EPA ID Date: 2013-01-22 15:59:53.01700  
 Inactive Date: Not reported  
 Facility Name: EL SUPER #17  
 Facility Address: 1100 W SLAUSON AVE  
 Facility Address 2: Not reported  
 Facility City: LOS ANGELES  
 Facility County: Not reported  
 Facility State: CA  
 Facility Zip: 90044

**F42**  
**East**  
**< 1/8**  
**0.095 mi.**  
**504 ft.**

**EL SUPER #17**  
**1100 W SLAUSON AVE**  
**LOS ANGELES, CA 90044**

**RCRA NonGen / NLR**

**1024837071**  
**CAL000381783**

**Site 3 of 3 in cluster F**

**Relative:**  
**Higher**  
**Actual:**  
**144 ft.**

RCRA NonGen / NLR:  
 Date Form Received by Agency: 2013-01-22 00:00:00.0  
 Handler Name: EL SUPER #17  
 Handler Address: 1100 W SLAUSON AVE  
 Handler City,State,Zip: LOS ANGELES, CA 90044  
 EPA ID: CAL000381783  
 Contact Name: RICARDO MONTES  
 Contact Address: 14601B LAKEWOOD BLVD  
 Contact City,State,Zip: PARAMOUNT, CA 90723  
 Contact Telephone: 562-375-8211  
 Contact Fax: Not reported  
 Contact Email: RICARDO.MONTES@ELSUPER.ORG  
 Contact Title: Not reported  
 EPA Region: 09  
 Land Type: Not reported  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: 14601B LAKEWOOD BLVD  
 Mailing City,State,Zip: PARAMOUNT, CA 90723-3602  
 Owner Name: BODEGA LATINA CORP  
 Owner Type: Other  
 Operator Name: RICARDO MONTES  
 Operator Type: Other  
 Short-Term Generator Activity: No  
 Importer Activity: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EL SUPER #17 (Continued)**

**1024837071**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:01:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator: Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SUPER #17 (Continued)**

**1024837071**

Owner/Operator Name: BODEGA LATINA CORP  
Legal Status: Other  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 14601B LAKEWOOD BLVD  
Owner/Operator City,State,Zip: PARAMOUNT, CA 90723-3602  
Owner/Operator Telephone: 562-616-8800  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: RICARDO MONTES  
Legal Status: Other  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 14601B LAKEWOOD BLVD  
Owner/Operator City,State,Zip: PARAMOUNT, CA 90723  
Owner/Operator Telephone: 562-375-8211  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2013-01-22 00:00:00.0  
Handler Name: EL SUPER #17  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299  
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**43**  
 West  
 < 1/8  
 0.102 mi.  
 540 ft.

**ALL POINT WELDING**  
**1446 W SLAUSON AVE**  
**LOS ANGELES, CA 90047**

**HAZMAT S123544593**  
 N/A

**Relative:**  
**Lower**  
**Actual:**  
**139 ft.**

LOS ANGELES HM:  
 Name: ALL POINT WELDING  
 Address: 1446 W SLAUSON AVE  
 City,State,Zip: LOS ANGELES, CA 90047  
 Facility ID: FA0009502  
 Last Run Date: 06/01/2019  
 Status: INACTIVE

**44**  
 South  
 1/8-1/4  
 0.127 mi.  
 672 ft.

**RNLA 1308 W 59TH ST PROJECT**  
**1308 W 59TH ST**  
**LOS ANGELES, CA 90044**

**RCRA NonGen / NLR 1025881107**  
**CAP000216820**

**Relative:**  
**Lower**  
**Actual:**  
**141 ft.**

RCRA NonGen / NLR:  
 Date Form Received by Agency: 2011-05-29 00:00:00.0  
 Handler Name: RNLA 1308 W 59TH ST PROJECT  
 Handler Address: 1308 W 59TH ST  
 Handler City,State,Zip: LOS ANGELES, CA 90044  
 EPA ID: CAP000216820  
 Contact Name: JEFFREY PINK  
 Contact Address: PO BOX 16606  
 Contact City,State,Zip: LOS ANGELES, CA 91416  
 Contact Telephone: 818-917-6328  
 Contact Fax: Not reported  
 Contact Email: JEFFREYPINK@EARTHLINK.NET  
 Contact Title: CONTRACTOR  
 EPA Region: 09  
 Land Type: Private  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Not reported  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: 1308 W 59TH ST  
 Mailing City,State,Zip: LOS ANGELES, CA 90044  
 Owner Name: RESTORE NEIGHBORHOODS LA  
 Owner Type: Private  
 Operator Name: PW STEVENS  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No  
 Off-Site Waste Receipt: No  
 Universal Waste Indicator: No  
 Universal Waste Destination Facility: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RNLA 1308 W 59TH ST PROJECT (Continued)**

**1025881107**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2011-06-02 12:13:26.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RESTORE NEIGHBORHOODS LA
Legal Status:	Private
Date Became Current:	2010-03-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	315 W 9TH ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RNLA 1308 W 59TH ST PROJECT (Continued)**

**1025881107**

Owner/Operator City,State,Zip:	LOS ANGELES, CA 90015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RESTORE NEIGHBORHOODS LA
Legal Status:	Private
Date Became Current:	2010-03-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	315 W 9TH ST
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PW STEVENS
Legal Status:	Private
Date Became Current:	2011-02-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PW STEVENS
Legal Status:	Private
Date Became Current:	2011-02-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2011-05-29 00:00:00.0
Handler Name:	RNLA 1308 W 59TH ST PROJECT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-24 00:00:00.0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RNLA 1308 W 59TH ST PROJECT (Continued)**

**1025881107**

Handler Name: RNLA 1308 W 59TH ST PROJECT  
 Federal Waste Generator Description: Small Quantity Generator  
 State District Owner: Not reported  
 Large Quantity Handler of Universal Waste: No  
 Recognized Trader Importer: No  
 Recognized Trader Exporter: No  
 Spent Lead Acid Battery Importer: No  
 Spent Lead Acid Battery Exporter: No  
 Current Record: No  
 Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56291  
 NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**G45  
 NW  
 1/8-1/4  
 0.134 mi.  
 706 ft.**

**5600 S NORMANDIE AVE  
 LOS ANGELES, CA  
 Site 1 of 3 in cluster G**

**UST U004303349  
 N/A**

**Relative:  
 Lower  
 Actual:  
 140 ft.**

LOS ANGELES UST:  
 Name: Not reported  
 Address: 5600 S NORMANDIE AVE  
 City,State,Zip: LOS ANGELES, CA  
 Facility ID: Not reported  
 Last Run Date: 01/01/1900  
 Status: HISTORICAL

**H46  
 SW  
 1/8-1/4  
 0.135 mi.  
 711 ft.**

**HOWARD CLEANERS  
 5909 S NORMANDIE AVE  
 LOS ANGELES, CA 90044  
 Site 1 of 4 in cluster H**

**DRYCLEANERS S121697120  
 N/A**

**Relative:  
 Lower  
 Actual:  
 140 ft.**

DRYCLEAN SOUTH COAST:  
 Name: HOWARD CLEANERS  
 Address: 5909 S NORMANDIE AVE  
 City,State,Zip: LOS ANGELES, CA 90044  
 Facility ID: 24941  
 Application Number: C09217  
 Permit Number: M03284  
 Status: S  
 Representative Name: Not reported  
 Representative Telephone: Not reported  
 Permit Status: INACTIVE  
 BCAT Number: 000234



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HOWARD CLEANERS (Continued)**

**S121697120**

BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	0
UTM North:	0
Application Date:	12/31/9999
PO Issue Date:	03/07/1978
NAICS Code:	Not reported
SIC Code:	7216

**H47**  
**SW**  
**1/8-1/4**  
**0.135 mi.**  
**711 ft.**

**HOWARD CLEANERS**  
**5909 S NORMADIE AVE**  
**LOS ANGELES, CA 90044**  
**Site 2 of 4 in cluster H**

**RCRA-SQG 1000154931**  
**FINDS CAD981618333**  
**ECHO**

**Relative:**  
**Lower**  
**Actual:**  
**140 ft.**

<b>RCRA-SQG:</b>		
Date Form Received by Agency:		1996-09-01 00:00:00.0
Handler Name:	HOWARD CLEANERS	
Handler Address:		5909 S NORMADIE AVE
Handler City,State,Zip:		LOS ANGELES, CA 90044
EPA ID:		CAD981618333
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		4R
Mailing Address:		5909 S NORMANDIE AVE
Mailing City,State,Zip:		LOS ANGELES, CA 90044
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HOWARD CLEANERS (Continued)**

**1000154931**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:26:48.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

**Handler - Owner Operator:**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOWARD CLEANERS (Continued)**

**1000154931**

Owner/Operator Name: HOWARD SLEN  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1996-09-01 00:00:00.0  
Handler Name: HOWARD CLEANERS  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1986-12-08 00:00:00.0  
Handler Name: HOWARD CLEANERS  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002725944

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOWARD CLEANERS (Continued)**

**1000154931**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1000154931  
Registry ID: 110002725944  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002725944>  
Name: HOWARD CLEANERS  
Address: 5909 S NORMADIE AVE  
City,State,Zip: LOS ANGELES, CA 90044

**H48  
SW  
1/8-1/4  
0.135 mi.  
711 ft.**

**KIM'S HOWARD CLEANERS  
5909 S NORMANDIE AVE  
LOS ANGELES, CA 90044**

**DRYCLEANERS S121698875  
N/A**

**Site 3 of 4 in cluster H**

**Relative:  
Lower  
Actual:  
140 ft.**

**DRYCLEAN SOUTH COAST:**

Name: KIM'S HOWARD CLEANERS  
Address: 5909 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: 60958  
Application Number: 165332  
Permit Number: D00778  
Status: S  
Representative Name: KI SOO KIM  
Representative Telephone: 213 7786397  
Permit Status: INACT\_NR  
BCAT Number: 000234  
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE  
CCAT Number: 04  
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE  
UTM East: 380  
UTM North: 3761.3000488  
Application Date: 01/29/1988  
PO Issue Date: 07/08/1988  
NAICS Code: Not reported  
SIC Code: 7216

**49  
ENE  
1/8-1/4  
0.139 mi.  
733 ft.**

**BARBARA WALKER  
1109 W 57TH ST  
LOS ANGELES, CA 90037**

**RCRA NonGen / NLR 1025856398  
CAC003036716**

**Relative:  
Higher  
Actual:  
145 ft.**

**RCRA NonGen / NLR:**

Date Form Received by Agency: 2019-10-02 00:00:00.0  
Handler Name: BARBARA WALKER  
Handler Address: 1109 W 57TH ST  
Handler City,State,Zip: LOS ANGELES, CA 90037-3907  
EPA ID: CAC003036716

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BARBARA WALKER (Continued)**

**1025856398**

Contact Name:	BARBARA WALKER
Contact Address:	1109 W 57TH ST
Contact City,State,Zip:	LOS ANGELES, CA 90037-3907
Contact Telephone:	323-758-8729
Contact Fax:	Not reported
Contact Email:	TAMMYHURLEY@ALLIANCE-ENVIRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1109 W 57TH ST
Mailing City,State,Zip:	LOS ANGELES, CA 90037-3907
Owner Name:	BARBARA WALKER
Owner Type:	Other
Operator Name:	BARBARA WALKER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARBARA WALKER (Continued)**

**1025856398**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-04 16:30:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BARBARA WALKER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1109 W 57TH ST
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90037-3907
Owner/Operator Telephone:	323-758-8729
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BARBARA WALKER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1109 W 57TH ST
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90037-3907
Owner/Operator Telephone:	323-758-8729
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-10-02 00:00:00.0
Handler Name:	BARBARA WALKER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BARBARA WALKER (Continued)**

**1025856398**

Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
-------------	---------------------

Evaluation Action Summary:

Evaluations:	No Evaluations Found
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**I50**  
**West**  
**1/8-1/4**  
**0.146 mi.**  
**771 ft.**

**1500 W 58TH ST**  
**LOS ANGELES, CA**  
**Site 1 of 2 in cluster I**

**UST U004300020**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**139 ft.**

<b>LOS ANGELES UST:</b>	
Name:	Not reported
Address:	1500 W 58TH ST
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

**I51**  
**West**  
**1/8-1/4**  
**0.146 mi.**  
**771 ft.**

**METRO-MEDIA PAGING SERVICES**  
**1500 W 58TH ST**  
**LOS ANGELES, CA 90026**  
**Site 2 of 2 in cluster I**

**SWEEPS UST S101584361**  
**CA FID UST N/A**

**Relative:**  
**Lower**  
**Actual:**  
**139 ft.**

<b>SWEEPS UST:</b>	
Name:	METRO-MEDIA PAGING SERVICES
Address:	1500 W 58TH ST
City:	LOS ANGELES
Status:	Not reported
Comp Number:	7556
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METRO-MEDIA PAGING SERVICES (Continued)**

**S101584361**

Number Of Tanks: 0

CA FID UST:

Facility ID: 19010789  
Regulated By: UTKNI  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7142202337  
Mail To: Not reported  
Mailing Address: 1500 W 58TH ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900260000  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**G52  
NW  
1/8-1/4  
0.159 mi.  
842 ft.**

**KIELS AUTO SERVICE  
5514 S NORMANDIE AVE  
LOS ANGELES, CA 90037**

**CA FID UST S101587595  
HAZMAT N/A**

**Site 2 of 3 in cluster G**

**Relative:  
Lower  
Actual:  
140 ft.**

CA FID UST:

Facility ID: 19055798  
Regulated By: UTKNA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2130000000  
Mail To: Not reported  
Mailing Address: 5514 S NORMANDIE AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900370000  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

LOS ANGELES HM:

Name: KIELS AUTO SERVICE  
Address: 5514 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: FA0015893  
Last Run Date: 06/01/2019  
Status: INACTIVE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G53**  
**NW**  
**1/8-1/4**  
**0.159 mi.**  
**842 ft.**  
**ROBERT T KIEL**  
**5514 S NORMANDIE AVE**  
**LOS ANGELES, CA 90037**  
**Site 3 of 3 in cluster G**

**UST** **U003780479**  
**SWEEPS UST** **N/A**

**Relative:** UST:  
**Lower** Name: ROBERT T KIEL  
Address: 5514 S NORMANDIE AVE  
**Actual:** City,State,Zip: LOS ANGELES, CA 90037  
**140 ft.** Facility ID: 24041  
Permitting Agency: LOS ANGELES, CITY OF  
Latitude: 33.9931123  
Longitude: -118.2987236

LOS ANGELES UST:  
Name: KIELS AUTO SERVICE  
Address: 5514 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: FA0015893  
Last Run Date: 06/03/2019  
Status: INACTIVE

SWEEPS UST:  
Name: ROBERT T KIEL  
Address: 5514 S NORMANDIE AVE  
City: LOS ANGELES  
Status: Active  
Comp Number: 4453  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 07-28-93  
Action Date: 05-03-94  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: Not reported  
Tank Status: Not reported  
Capacity: Not reported  
Active Date: Not reported  
Tank Use: Not reported  
STG: Not reported  
Content: Not reported  
Number Of Tanks: Not reported

**54**  
**SSE**  
**1/8-1/4**  
**0.184 mi.**  
**972 ft.**  
**MARICELA CHAVEZ**  
**1226 W. 59TH PLACE**  
**LOS ANGELES, CA 90014**

**RCRA NonGen / NLR** **1025829821**  
**CAC003009375**

**Relative:** RCRA NonGen / NLR:  
**Higher** Date Form Received by Agency: 2019-04-09 00:00:00.0  
**Actual:** Handler Name: MARICELA CHAVEZ  
**142 ft.** Handler Address: 1226 W. 59TH PLACE  
Handler City,State,Zip: LOS ANGELES, CA 90014  
EPA ID: CAC003009375  
Contact Name: RAMANA ZARATANYA  
Contact Address: 1226 W. 59TH PLACE  
Contact City,State,Zip: LOS ANGELES, CA 90014

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MARICELA CHAVEZ (Continued)**

**1025829821**

Contact Telephone:	818-352-9000
Contact Fax:	Not reported
Contact Email:	CATHYW@CALWESTENVIRONMENTAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1226 W. 59TH PLACE
Mailing City, State, Zip:	LOS ANGELES, CA 90014
Owner Name:	MARICELA CHAVEZ
Owner Type:	Other
Operator Name:	RAMANA ZARATANYA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARICELA CHAVEZ (Continued)**

**1025829821**

Human Exposure Controls Indicator: N/A  
Groundwater Controls Indicator: N/A  
Operating TSDF Universe: Not reported  
Full Enforcement Universe: Not reported  
Significant Non-Complier Universe: No  
Unaddressed Significant Non-Complier Universe: No  
Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No  
Financial Assurance Required: Not reported  
Handler Date of Last Change: 2019-06-26 18:51:58.0  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: No  
Manifest Broker: No  
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: MARICELA CHAVEZ  
Legal Status: Other  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 1226 W. 59TH PLACE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90014  
Owner/Operator Telephone: 323-219-3447  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: RAMANA ZARATANYA  
Legal Status: Other  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 1226 W. 59TH PLACE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90014  
Owner/Operator Telephone: 818-352-9000  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2019-04-09 00:00:00.0  
Handler Name: MARICELA CHAVEZ  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MARICELA CHAVEZ (Continued)**

**1025829821**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:  
 NAICS Code: 56299  
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:  
 Violations: No Violations Found

Evaluation Action Summary:  
 Evaluations: No Evaluations Found

**55**  
**SSW**  
**1/8-1/4**  
**0.184 mi.**  
**973 ft.**

**ALL AMERICAN OIL CO**  
**1332 W 59TH PLACE**  
**LOS ANGELES, CA 90044**

**RCRA NonGen / NLR**  
**FINDS**  
**ECHO**

**1000101841**  
**CAD981166838**

**Relative:**  
**Lower**  
**Actual:**  
**141 ft.**

RCRA NonGen / NLR:  
 Date Form Received by Agency: 1985-12-12 00:00:00.0  
 Handler Name: ALL AMERICAN OIL CO  
 Handler Address: 1332 W 59TH PLACE  
 Handler City,State,Zip: LOS ANGELES, CA 90044  
 EPA ID: CAD981166838  
 Contact Name: ENVIRONMENTAL MANAGER  
 Contact Address: 1332 W FIFTY NINETH PLACE  
 Contact City,State,Zip: LOS ANGELES, CA 90044  
 Contact Telephone: 213-778-0135  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 09  
 Land Type: Not reported  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: CA  
 State District: 4R  
 Mailing Address: W FIFTY NINETH PLACE  
 Mailing City,State,Zip: LOS ANGELES, CA 90044  
 Owner Name: MARSHALL ALEXANDER  
 Owner Type: Private  
 Operator Name: NOT REQUIRED  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: Yes  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALL AMERICAN OIL CO (Continued)**

**1000101841**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:26.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

**Handler - Owner Operator:**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARSHALL ALEXANDER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALL AMERICAN OIL CO (Continued)**

**1000101841**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1985-12-12 00:00:00.0
Handler Name:	ALL AMERICAN OIL CO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found
--------------	----------------------

Facility Has Received Notices of Violations:

Violations:	No Violations Found
-------------	---------------------

Evaluation Action Summary:

Evaluations:	No Evaluations Found
--------------	----------------------

FINDS:

Registry ID:	110002680242
--------------	--------------

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALL AMERICAN OIL CO (Continued)**

**1000101841**

**ECHO:**

Envid: 1000101841  
Registry ID: 110002680242  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002680242>  
Name: ALL AMERICAN OIL CO  
Address: 1332 W 59TH PLACE  
City,State,Zip: LOS ANGELES, CA 90044

**H56**  
**SW**  
**1/8-1/4**  
**0.185 mi.**  
**977 ft.**

**HOMCO**  
**5961 S NORMANDIE AVE**  
**LOS ANGELES, CA 90044**

**HAZMAT S123543944**  
**N/A**

**Site 4 of 4 in cluster H**

**Relative:**  
**Lower**

**LOS ANGELES HM:**

Name: HOMCO  
Address: 5961 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: FA0007868  
Last Run Date: 06/01/2019  
Status: INACTIVE

**Actual:**  
**140 ft.**

**J57**  
**West**  
**1/8-1/4**  
**0.186 mi.**  
**983 ft.**

**CALIF METAL PROCESSING CO**  
**1518 W SLAUSON AVE**  
**LOS ANGELES, CA 90047**

**HAZMAT S123541352**  
**N/A**

**Site 1 of 5 in cluster J**

**Relative:**  
**Lower**

**LOS ANGELES HM:**

Name: CALIF METAL PROCESSING CO  
Address: 1518 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Facility ID: FA0000190  
Last Run Date: 06/01/2019  
Status: INACTIVE

**Actual:**  
**139 ft.**

**K58**  
**East**  
**1/8-1/4**  
**0.188 mi.**  
**995 ft.**

**JERSEYMAID MILK PRODUCTS CO**  
**1040 W SLAUSON AVE**  
**LOS ANGELES, CA 90044**

**UST U004305786**  
**N/A**

**Site 1 of 4 in cluster K**

**Relative:**  
**Higher**

**LOS ANGELES UST:**

Name: JERSEYMAID MILK PRODUCTS CO  
Address: 1040 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: FA0004034  
Last Run Date: 06/03/2019  
Status: INACTIVE

**Actual:**  
**146 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K59**      **JERSEYMAID MILK PRODUCTS CO**  
**East**      **1040 W SLAUSON AVE**  
**1/8-1/4**      **LOS ANGELES, CA 90044**  
**0.188 mi.**  
**995 ft.**      **Site 2 of 4 in cluster K**

**SWEEPS UST**      **S101617474**  
**CA FID UST**      **N/A**  
**EMI**  
**HAZMAT**

**Relative:**  
**Higher**  
**Actual:**  
**146 ft.**

**SWEEPS UST:**  
Name: JERSEYMAID MILK PRODUCTS CO  
Address: 1040 W SLAUSON AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 889  
Number: Not reported  
Board Of Equalization: 44-011470  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000889-000001  
Tank Status: Not reported  
Capacity: 30000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: 6

Name: JERSEYMAID MILK PRODUCTS CO  
Address: 1040 W SLAUSON AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 889  
Number: Not reported  
Board Of Equalization: 44-011470  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000889-000002  
Tank Status: Not reported  
Capacity: 30000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

Name: JERSEYMAID MILK PRODUCTS CO  
Address: 1040 W SLAUSON AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 889  
Number: Not reported  
Board Of Equalization: 44-011470  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000889-000003



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JERSEYMAID MILK PRODUCTS CO (Continued)**

**S101617474**

Tank Status: Not reported  
Capacity: 10000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

Name: JERSEYMAID MILK PRODUCTS CO  
Address: 1040 W SLAUSON AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 889  
Number: Not reported  
Board Of Equalization: 44-011470  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000889-000004  
Tank Status: Not reported  
Capacity: 5000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

Name: JERSEYMAID MILK PRODUCTS CO  
Address: 1040 W SLAUSON AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 889  
Number: Not reported  
Board Of Equalization: 44-011470  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000889-000005  
Tank Status: Not reported  
Capacity: 5000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

Name: JERSEYMAID MILK PRODUCTS CO  
Address: 1040 W SLAUSON AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 889  
Number: Not reported  
Board Of Equalization: 44-011470  
Referral Date: Not reported  
Action Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JERSEYMAID MILK PRODUCTS CO (Continued)**

**S101617474**

Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000889-000006  
Tank Status: Not reported  
Capacity: 280  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: Not reported

**CA FID UST:**

Facility ID: 19001540  
Regulated By: UTKNI  
Regulated ID: 00007832  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2135838051  
Mail To: Not reported  
Mailing Address: 2522 E 37TH ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900440000  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**EMI:**

Name: JERSEYMAID MILK PROD. CO  
Address: 1040 W SLAUSON AV  
City,State,Zip: LOS ANGELES, CA 90044  
Year: 1987  
County Code: 19  
Air Basin: SC  
Facility ID: 22108  
Air District Name: SC  
SIC Code: 2026  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Name: THE VONS COMPANIES DBA JERSEYM  
Address: 1040 W SLAUSON AV  
City,State,Zip: LOS ANGELES, CA 90044  
Year: 1990  
County Code: 19

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**JERSEYMAID MILK PRODUCTS CO (Continued)**

**S101617474**

Air Basin: SC  
 Facility ID: 71348  
 Air District Name: SC  
 SIC Code: 2026  
 Air District Name: SOUTH COAST AQMD  
 Community Health Air Pollution Info System: Not reported  
 Consolidated Emission Reporting Rule: Not reported  
 Total Organic Hydrocarbon Gases Tons/Yr: 0  
 Reactive Organic Gases Tons/Yr: 0  
 Carbon Monoxide Emissions Tons/Yr: 0  
 NOX - Oxides of Nitrogen Tons/Yr: 1  
 SOX - Oxides of Sulphur Tons/Yr: 0  
 Particulate Matter Tons/Yr: 0  
 Part. Matter 10 Micrometers and Smllr Tons/Yr:0

**LOS ANGELES HM:**

Name: JERSEYMAID MILK PRODUCTS CO  
 Address: 1040 W SLAUSON AVE  
 City,State,Zip: LOS ANGELES, CA 90044  
 Facility ID: FA0004034  
 Last Run Date: 06/01/2019  
 Status: INACTIVE

**K60**  
**East**  
**1/8-1/4**  
**0.188 mi.**  
**995 ft.**

**VONS/FORMER JERSEYMAID MILK**  
**1040 SLAUSON AVE W**  
**LOS ANGELES, CA 90044**  
**Site 3 of 4 in cluster K**

**LUST** **S102440982**  
**Cortese** **N/A**  
**HIST CORTESE**  
**CERS**

**Relative:**  
**Higher**  
**Actual:**  
**146 ft.**

LUST REG 4:  
 Region: 4  
 Regional Board: 04  
 County: Los Angeles  
 Facility Id: 900440016  
 Status: Case Closed  
 Substance: Gasoline  
 Substance Quantity: Not reported  
 Local Case No: Not reported  
 Case Type: Groundwater  
 Abatement Method Used at the Site: Excavate and Treat  
 Global ID: T0603701018  
 W Global ID: Not reported  
 Staff: UNK  
 Local Agency: 19050  
 Cross Street: VERMONT  
 Enforcement Type: Not reported  
 Date Leak Discovered: 8/21/1987  
 Date Leak First Reported: 11/20/1986  
 Date Leak Record Entered: 3/10/1988  
 Date Confirmation Began: Not reported  
 Date Leak Stopped: Not reported  
 Date Case Last Changed on Database: 2/14/1997  
 Date the Case was Closed: 11/25/1996  
 How Leak Discovered: Not reported  
 How Leak Stopped: Not reported  
 Cause of Leak: Not reported  
 Leak Source: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VONS/FORMER JERSEYMAID MILK (Continued)**

**S102440982**

Operator: PRODUCTS PLANT  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 5713.4423647594816277552764331  
Source of Cleanup Funding: Not reported  
Preliminary Site Assessment Workplan Submitted: 2/8/1986  
Preliminary Site Assessment Began: 3/10/1986  
Pollution Characterization Began: 3/18/1988  
Remediation Plan Submitted: 2/10/1992  
Remedial Action Underway: 2/18/1992  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Yes  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: THE VONS COMPANY INC.  
RP Address: P.O. BOX 3338, LOS ANGELES CA 90051-1338  
Program: LUST  
Lat/Long: 33.9890859 / -1  
Local Agency Staff: PEJ  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: INITIAL LEAK DETECTION WORK DONE BY LA CITY FIRE DEPARTMENT REPORT OF  
ADDITIONAL SUBSURFACE ASSESSMENT 10/17/96 MONITORING WELL  
ABANDONMENT REPORT 02/14/97

**LUST:**

Name: VONS/FORMER JERSEYMAID MILK  
Address: 1040 SLAUSON AVE W  
City,State,Zip: LOS ANGELES, CA 90044  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603701018](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701018)  
Global Id: T0603701018  
Latitude: 33.9890972  
Longitude: -118.2923795  
Status: Completed - Case Closed  
Status Date: 11/25/1996  
Case Worker: YR  
RB Case Number: 900440016  
Local Agency: LOS ANGELES, CITY OF  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

**LUST:**

Global Id: T0603701018

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VONS/FORMER JERSEYMAID MILK (Continued)**

**S102440982**

Contact Type: Local Agency Caseworker  
Contact Name: ELOY LUNA  
Organization Name: LOS ANGELES, CITY OF  
Address: 200 North Main Street, Suite 1780  
City: LOS ANGELES  
Email: eloy.luna@lacity.org  
Phone Number: Not reported

Global Id: T0603701018  
Contact Type: Regional Board Caseworker  
Contact Name: YUE RONG  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: Los Angeles  
Email: yrong@waterboards.ca.gov  
Phone Number: Not reported

**LUST:**

Global Id: T0603701018  
Action Type: Other  
Date: 08/21/1987  
Action: Leak Discovery

Global Id: T0603701018  
Action Type: Other  
Date: 11/20/1986  
Action: Leak Reported

**LUST:**

Global Id: T0603701018  
Status: Open - Case Begin Date  
Status Date: 02/08/1986

Global Id: T0603701018  
Status: Open - Site Assessment  
Status Date: 02/08/1986

Global Id: T0603701018  
Status: Open - Site Assessment  
Status Date: 03/10/1986

Global Id: T0603701018  
Status: Open - Site Assessment  
Status Date: 03/18/1988

Global Id: T0603701018  
Status: Open - Remediation  
Status Date: 02/10/1992

Global Id: T0603701018  
Status: Open - Remediation  
Status Date: 02/18/1992

Global Id: T0603701018  
Status: Completed - Case Closed  
Status Date: 11/25/1996

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VONS/FORMER JERSEYMAID MILK (Continued)

S102440982

CORTESE:

Name: VONS/FORMER JERSEYMAID MILK  
Address: 1040 SLAUSON AVE W  
City,State,Zip: LOS ANGELES, CA 90044  
Region: CORTESE  
Envirostor Id: Not reported  
Global ID: T0603701018  
Site/Facility Type: LUST CLEANUP SITE  
Cleanup Status: COMPLETED - CASE CLOSED  
Status Date: Not reported  
Site Code: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported  
Flag: active  
Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported  
File Name: Active Open

HIST CORTESE:

edr\_fname: VONS/FORMER JERSEYMAID MI  
edr\_fadd1: 1040 SLAUSON  
City,State,Zip: LOS ANGELES, CA 90044  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: 900440016

CERS:

Name: VONS/FORMER JERSEYMAID MILK  
Address: 1040 SLAUSON AVE W  
City,State,Zip: LOS ANGELES, CA 90044  
Site ID: 215296  
CERS ID: T0603701018  
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VONS/FORMER JERSEYMAID MILK (Continued)

S102440982

Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Suite 1780  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**K61** **JERSEYMAID MILK PRODUCTS CO -**  
**East** **1040 W SLAUSON**  
**1/8-1/4** **LOS ANGELES, CA 90044**  
**0.188 mi.**  
**995 ft.** **Site 4 of 4 in cluster K**

**HIST UST** **U001561766**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**146 ft.**

HIST UST:  
Name: JERSEYMAID MILK PRODUCTS CO -  
Address: 1040 W SLAUSON  
City,State,Zip: LOS ANGELES, CA 90044  
File Number: 0002714D  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002714D.pdf>  
Region: STATE  
Facility ID: 00000007832  
Facility Type: Other  
Other Type: WHOLESALE FOOD DELIV  
Contact Name: JAY SWEETSER  
Telephone: 2135838051  
Owner Name: JERSEYMAID MILK PRODUCTS CO.  
Owner Address: 2522 E. 37TH STREET  
Owner City,St,Zip: VERNON, CA 90058  
Total Tanks: 0006

Tank Num: 001  
Container Num: 1  
Year Installed: 1978  
Tank Capacity: 00030000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 3/8  
Leak Detection: Visual, Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: 1978  
Tank Capacity: 00030000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 3/8  
Leak Detection: Visual, Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**JERSEYMAID MILK PRODUCTS CO - (Continued)**

**U001561766**

Tank Num: 004  
 Container Num: 4  
 Year Installed: Not reported  
 Tank Capacity: 00005000  
 Tank Used for: PRODUCT  
 Type of Fuel: DIESEL  
 Container Construction Thickness: Not reported  
 Leak Detection: Visual, Stock Inventor

Tank Num: 005  
 Container Num: 5  
 Year Installed: Not reported  
 Tank Capacity: 00005000  
 Tank Used for: PRODUCT  
 Type of Fuel: DIESEL  
 Container Construction Thickness: Not reported  
 Leak Detection: Visual, Stock Inventor

Tank Num: 006  
 Container Num: 6  
 Year Installed: 1960  
 Tank Capacity: 00000280  
 Tank Used for: PRODUCT  
 Type of Fuel: Not reported  
 Container Construction Thickness: Not reported  
 Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

**J62**  
**West**  
**1/8-1/4**  
**0.203 mi.**  
**1071 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**138 ft.**

**CALIFORNIA METAL PROCESSING COMPANY**  
**1530 WEST SLAUSON AVENUE**  
**LOS ANGELES, CA 90047**  
**Site 2 of 5 in cluster J**

**RCRA-SQG** **1000252196**  
**CERS HAZ WASTE** **CAD043083971**  
**SWEEPS UST**  
**HIST UST**  
**CA FID UST**  
**NPDES**  
**HAZMAT**  
**WDS**  
**CIWQS**  
**CERS**

**RCRA-SQG:**

Date Form Received by Agency:	2020-02-11 00:00:00.0
Handler Name:	CALIFORNIA METAL PROCESSING COMPANY
Handler Address:	1530 WEST SLAUSON AVENUE
Handler City,State,Zip:	LOS ANGELES, CA 90047
EPA ID:	CAD043083971
Contact Name:	TERRY ANDERSEN
Contact Address:	WEST SLAUSON AVENUE
Contact City,State,Zip:	LOS ANGELES, CA 90047
Contact Telephone:	323-753-2247
Contact Fax:	Not reported
Contact Email:	CALMETAL@IX.NETCOM.COM
Contact Title:	PRESIDENT
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2019



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	WEST SLAUSON AVENUE
Mailing City, State, Zip:	LOS ANGELES, CA 90047
Owner Name:	TERRY ANDERSEN
Owner Type:	Private
Operator Name:	CALIFORNIA METAL PROCESSING COMPANY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Handler Date of Last Change: 2020-10-05 17:57:03.0  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: No  
Manifest Broker: No  
Sub-Part P Indicator: No

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:  
Year: 2015

Click Here for Biennial Reporting System Data:  
Year: 2013

Click Here for Biennial Reporting System Data:  
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001  
Waste Description: IGNITABLE WASTE

Waste Code: D002  
Waste Description: CORROSIVE WASTE

Waste Code: D003  
Waste Description: REACTIVE WASTE

Waste Code: D006  
Waste Description: CADMIUM

Waste Code: D007  
Waste Description: CHROMIUM

Waste Code: D008  
Waste Description: LEAD

Waste Code: F003  
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P098  
Waste Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Handler - Owner Operator:  
Owner/Operator Indicator: Owner  
Owner/Operator Name: TERRY ANDERSEN  
Legal Status: Private  
Date Became Current: 1988-07-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1530 WEST SLAUSON AVENUE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90047  
Owner/Operator Telephone: 323-753-2247  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: TERRY ANDERSON  
Legal Status: Private  
Date Became Current: 1988-07-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1530 WEST SLAUSON AVE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90047-0000  
Owner/Operator Telephone: 323-753-2214  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: CALMETAL@IX.NETCOM.COM

Owner/Operator Indicator: Owner  
Owner/Operator Name: TERRY ANDERSEN  
Legal Status: Private  
Date Became Current: 1988-07-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1530 WEST SLAUSON AVENUE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90047  
Owner/Operator Telephone: 323-753-2214  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: CALMETAL@IX.NETCOM.COM

Owner/Operator Indicator: Operator  
Owner/Operator Name: NOT REQUIRED  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: CALIFORNIA METAL PROCESSINGS  
Legal Status: Private  
Date Became Current: 1952-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALIFORNIA METAL PROCESSING COMPANY
Legal Status:	Private
Date Became Current:	1988-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALIFORNIA METAL PROCESSING COMPANY
Legal Status:	Private
Date Became Current:	1988-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1530 WEST SLAUSON AVE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90047-0000
Owner/Operator Telephone:	323-753-2214
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	CALMETAL@IC.NETCOM.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	T.J. ANDERSEN INC.
Legal Status:	Private
Date Became Current:	1988-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	703 AMY LANE
Owner/Operator City,State,Zip:	REDONDO BEACH, CA 90278
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TERRY ANDERSON
Legal Status:	Private
Date Became Current:	1988-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1530 W SLAUSON AVE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90047
Owner/Operator Telephone:	323-753-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOB CONN & BOB MERRILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: CALIFORNIA METAL PROCESSING COMPANY  
Legal Status: Private  
Date Became Current: 1988-07-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1530 WEST SLAUSON AVENUE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90047  
Owner/Operator Telephone: 323-753-2214  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: CALMETAL@IX.NETCOM.COM

Owner/Operator Indicator: Operator  
Owner/Operator Name: TERRY ANDERSON  
Legal Status: Private  
Date Became Current: 1988-07-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: TERRY ANDERSEN  
Legal Status: Private  
Date Became Current: 1988-07-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1530 WEST SLAUSON AVENUE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90047  
Owner/Operator Telephone: 323-753-2214  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: CALMETAL@IX.NETCOM.COM

Owner/Operator Indicator: Operator  
Owner/Operator Name: CALIFORNIA METAL PROCESSING COMPANY  
Legal Status: Private  
Date Became Current: 1988-07-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1530 WEST SLAUSON AVENUE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90047  
Owner/Operator Telephone: 323-753-2214  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: CALMETAL@IX.NETCOM.COM

Historic Generators:

Receive Date: 2014-03-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Handler Name: CALIFORNIA METAL PROCESSING CO  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2016-02-15 00:00:00.0  
Handler Name: CALIFORNIA METAL PROCESSING COMPANY  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2018-01-19 00:00:00.0  
Handler Name: CALIFORNIA METAL PROC CO  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2020-02-11 00:00:00.0  
Handler Name: CALIFORNIA METAL PROCESSING COMPANY  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 1996-09-01 00:00:00.0  
Handler Name: CALIFORNIA METAL PROCESSING CO  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1980-08-18 00:00:00.0  
Handler Name: CALIFORNIA METAL PROCESSING CO  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2018-06-07 00:00:00.0  
Handler Name: CALIFORNIA METAL PROCESSING COMPANY  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2008-02-18 00:00:00.0  
Handler Name: CALIFORNIA METAL PROCESSING COMPANY  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 332813  
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 1992-04-23 00:00:00.0  
Actual Return to Compliance Date: 1997-04-23 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Return to Compliance Qualifier: Not Resolved  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

**Evaluation Action Summary:**

Evaluation Date: 1992-04-23 00:00:00.0  
Evaluation Responsible Agency: State Contractor/Grantee  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1997-04-23 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

**CERS HAZ WASTE:**

Name: CALIFORNIA METAL PROCESSING CO  
Address: 1530 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Site ID: 101986  
CERS ID: 10248871  
CERS Description: Hazardous Waste Generator



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

**SWEEPS UST:**

Name: CALIFORNIA METAL PROCESSING  
Address: 1530 W SLAUSON AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2700  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002700-000001  
Tank Status: Not reported  
Capacity: 500  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: 2

Name: CALIFORNIA METAL PROCESSING  
Address: 1530 W SLAUSON AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2700  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002700-000002  
Tank Status: Not reported  
Capacity: 500  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: Not reported

**HIST UST:**

Name: CALIFORNIA METAL PROCESSING  
Address: 1530 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90047  
File Number: 00027FEE  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027FEE.pdf>  
Region: STATE  
Facility ID: 0000050512  
Facility Type: Other  
Other Type: PLATING SHOP  
Contact Name: ROBERT L. CONN  
Telephone: 2137532247  
Owner Name: ROBERT L. CONN & ROBERT A. MER  
Owner Address: 1530 W. SLAUSON AVE.  
Owner City,St,Zip: LOS ANGELES, CA 90047

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Total Tanks: 0002  
  
Tank Num: 001  
Container Num: 1530  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 12  
Leak Detection: None

Tank Num: 002  
Container Num: 1518  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 12  
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

**CA FID UST:**

Facility ID: 19054268  
Regulated By: UTNKI  
Regulated ID: 00050512  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2137532247  
Mail To: Not reported  
Mailing Address: 1530 W SLAUSON AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900470000  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**NPDES:**

Name: CA METAL PROCESSING CO  
Address: 1530 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Facility Status: Active  
NPDES Number: CAS000001  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 188662  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 4 19NEC000058  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Effective Date Of Regulatory Measure: 07/13/2015  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 1530 W Slauson Ave  
Discharge Name: California Metal  
Discharge City: Los Angeles  
Discharge State: California  
Discharge Zip: 90047  
Status: Not reported  
Status Date: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported

NPDES as of 03/2018:  
NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 188662  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19NEC000058  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 07/13/2015  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: California Metal  
Discharge Address: 1530 W Slauson Ave  
Discharge City: Los Angeles  
Discharge State: California  
Discharge Zip: 90047  
Received Date: Not reported  
Processed Date: Not reported  
Status: Not reported  
Status Date: Not reported  
Place Size: Not reported  
Place Size Unit: Not reported  
Contact: Not reported  
Contact Title: Not reported  
Contact Phone: Not reported  
Contact Phone Ext: Not reported  
Contact Email: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported  
Operator Contact: Not reported  
Operator Contact Title: Not reported  
Operator Contact Phone: Not reported  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: Not reported  
Operator Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	188662
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19NEC000058
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	06/30/2015
Processed Date:	07/13/2015
Status:	Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Status Date: 07/13/2015  
Place Size: 13000  
Place Size Unit: SqFt  
Contact: Terry Andersen  
Contact Title: Not reported  
Contact Phone: 323-752-2247  
Contact Phone Ext: Not reported  
Contact Email: calmetal@ix.netcom.com  
Operator Name: California Metal  
Operator Address: 1530 W Slauson Ave  
Operator City: Los Angeles  
Operator State: California  
Operator Zip: 90047  
Operator Contact: Terry Andersen  
Operator Contact Title: General Manager  
Operator Contact Phone: 323-753-2247  
Operator Contact Phone Ext: 12  
Operator Contact Email: calmetal@ix.netcom.com  
Operator Type: Private Business  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 323-753-2247  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Ballona creek  
Certifier: TERRY ANDERSEN  
Certifier Title: General Managing Partner  
Certification Date: 21-SEP-16  
Primary Sic: 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

Name: CA METAL PROCESSING CO  
Address: 1530 W SLAUSON AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

City,State,Zip: LOS ANGELES, CA 90047  
Facility Status: Not reported  
NPDES Number: Not reported  
Region: Not reported  
Agency Number: Not reported  
Regulatory Measure ID: Not reported  
Place ID: Not reported  
Order Number: Not reported  
WDID: 4 19NEC000058  
Regulatory Measure Type: Industrial  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: Not reported  
Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Active  
Status Date: 07/13/2015  
Operator Name: California Metal  
Operator Address: 1530 W Slauson Ave  
Operator City: Los Angeles  
Operator State: California  
Operator Zip: 90047

NPDES as of 03/2018:

NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 188662  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19NEC000058  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 07/13/2015  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: California Metal  
Discharge Address: 1530 W Slauson Ave  
Discharge City: Los Angeles  
Discharge State: California  
Discharge Zip: 90047  
Received Date: Not reported  
Processed Date: Not reported  
Status: Not reported  
Status Date: Not reported  
Place Size: Not reported  
Place Size Unit: Not reported  
Contact: Not reported  
Contact Title: Not reported  
Contact Phone: Not reported  
Contact Phone Ext: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	188662
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19NEC000058
Program Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Received Date: 06/30/2015  
Processed Date: 07/13/2015  
Status: Active  
Status Date: 07/13/2015  
Place Size: 13000  
Place Size Unit: SqFt  
Contact: Terry Andersen  
Contact Title: Not reported  
Contact Phone: 323-752-2247  
Contact Phone Ext: Not reported  
Contact Email: calmetal@ix.netcom.com  
Operator Name: California Metal  
Operator Address: 1530 W Slauson Ave  
Operator City: Los Angeles  
Operator State: California  
Operator Zip: 90047  
Operator Contact: Terry Andersen  
Operator Contact Title: General Manager  
Operator Contact Phone: 323-753-2247  
Operator Contact Phone Ext: 12  
Operator Contact Email: calmetal@ix.netcom.com  
Operator Type: Private Business  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 323-753-2247  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Dir Discharge Uswater Ind: N  
Receiving Water Name: Ballona creek  
Certifier: TERRY ANDERSEN  
Certifier Title: General Managing Partner  
Certification Date: 21-SEP-16  
Primary Sic: 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

**LOS ANGELES HM:**

Name: CALIFORNIA METAL PROCESSING  
Address: 1530 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Facility ID: FA0023333  
Last Run Date: 06/01/2019  
Status: ACTIVE

**WDS:**

Name: CALIFORNIA METALS PROCESSING  
Address: 1530 W Slauson  
City: LOS ANGELES  
Facility ID: 4 19I000645  
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 3237522247  
Facility Contact: Terry Anderson  
Agency Name: CALIFORNIA METALS PROCESSING  
Agency Address: P.O. Box 2196  
Agency City,St,Zip: Manhattan Beach 90267  
Agency Contact: Terry Anderson  
Agency Telephone: 3237532247  
Agency Type: Private  
SIC Code: 3471  
SIC Code 2: Not reported  
Primary Waste Type: Not reported  
Primary Waste: Not reported  
Waste Type2: Not reported  
Waste2: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: No reclamation requirements associated with this facility.  
POTW: The facility is not a POTW.  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Complexity: represent no threat to water quality.  
Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**CIWQS:**

Name: CA METAL PROCESSING CO  
Address: 1530 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Agency: California Metal  
Agency Address: 1530 W Slauson Ave, Los Angeles, CA 90047  
Place/Project Type: Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring  
SIC/NAICS: 3471  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19NEC000058  
NPDES Number: CAS000001  
Adoption Date: 01/01/1900  
Effective Date: 07/13/2015  
Termination Date: 01/01/1900  
Expiration/Review Date: 01/01/1900  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.98912  
Longitude: -118.30333

**CERS:**

Name: CA METAL PROCESSING CO  
Address: 1530 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Site ID: 528171  
CERS ID: 216603  
CERS Description: Industrial Facility Storm Water

**Violations:**

Site ID: 528171  
Site Name: CA Metal Processing Co  
Violation Date: 11-14-2001  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: Incomplete SWPPP. No monitoring plan onsite. Annual site compliance evaluation was not performed. Only one storm event sampled during 2000-01.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Site ID: 528171  
Site Name: CA Metal Processing Co  
Violation Date: 12-22-2008  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: 0.40 mg/L of Zn was detected at the sample location, Outfall 1, on 12/22/2008.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

**Evaluation:**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-11-2016  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: This inspection was conducted to evaluate the facility's qualification for the NEC. Based on the inspection findings, the facility qualifies for the NEC. Please see attached inspection report for details.  
Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 11-14-2001  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: The SWPPP does not identify a pollution prevention team - The facility has not conducted an annual comprehensive site compliance investigation - a storm water monitoring and evaluation plan was not available for on-site review - Samples were not taken  
Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

**Enforcement Action:**

Site ID: 528171  
Site Name: CA Metal Processing Co  
Site Address: 1530 W SLAUSON AVE  
Site City: LOS ANGELES  
Site Zip: 90047  
Enf Action Date: 03-14-2002  
Enf Action Type: Notice to Comply  
Enf Action Description: Notice to Comply  
Enf Action Notes: Notice to Comply sent 3/14/02 for noncompliance with industrial stormwater permit.  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Site ID: 528171  
Site Name: CA Metal Processing Co  
Site Address: 1530 W SLAUSON AVE  
Site City: LOS ANGELES  
Site Zip: 90047  
Enf Action Date: 03-16-2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Enf Action Type: Staff Enforcement Letter  
Enf Action Description: Staff Enforcement Letter  
Enf Action Notes: The letter, AR Review - Benchmark Exceedance, was sent to ensure that the permittee will develop and implement the BMPs to reduce or prevent pollutants in SW discharges. Letter also required permittee to submit evidence of implemented additional BMPs and SWPPP amendments if the permittee is already implementing the BMPs.  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

**Affiliation:**

Affiliation Type Desc: Owner/Operator  
Entity Name: California Metal  
Entity Title: Operator  
Affiliation Address: 1530 W Slauson Ave  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90047  
Affiliation Phone: Not reported

Name: CALIFORNIA METAL PROCESSING CO  
Address: 1530 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Site ID: 101986  
CERS ID: 10248871  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 101986  
Site Name: CALIFORNIA METAL PROCESSING CO  
Violation Date: 02-21-2020  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.  
Violation Notes: Returned to compliance on 03/21/2020. The Emergency Response/Contingency Plan is incomplete. Please review the form and complete the following missing and/or incorrect sections; PROVIDE YOUR LOCAL CUPA PHONE NUMBER ON YOUR EMERGENCY CONTINGENCY PLAN AS WELL AS THE REGIONAL WATER QUALITY CONTROL BOARD. You can download the most current CONTINGENCY PLAN form as well as CONTINGENCY PLAN INSTRUCTIONS in the Hazardous Materials Business Plan Section (HMBP) using the following link  
<https://www.lafd.org/fire-prevention/cupa/documents-forms>  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 101986  
Site Name: CALIFORNIA METAL PROCESSING CO  
Violation Date: 02-21-2020  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Notes: Returned to compliance on 03/21/2020. The Emergency Response/Contingency Plan is incomplete. Please review the form and complete the following missing and/or incorrect sections; PROVIDE YOUR LOCAL CUPA PHONE NUMBER ON YOUR EMERGENCY CONTINGENCY PLAN AS WELL AS THE REGIONAL WATER QUALITY CONTROL BOARD PHONE. You can download the most current CONTINGENCY PLAN form as well as CONTINGENCY PLAN INSTRUCTIONS in the Hazardous Materials Business Plan Section (HMBP) using the following link  
<https://www.lafd.org/fire-prevention/cupa/documents-forms>

Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-21-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Consent to enter, inspect and take photographs was given by: KYLE ANDERSON The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA \*\*\*\* Annual submission of a Hazardous Materials Business Plan into California Environmental Reporting System (CERS) is required between January 1 and March 1 of every year. Per L.A.M.C. 57.121.3.5, failure to submit the required hazardous material business plan (HMBP) information annually into [Truncated]

Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-13-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 05-22-2020  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: THIS FACILITY RTC ON 02-24-2020 . ALL VIOLATIONS HAVE BEEN CLEARED.  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-01-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Terry Anderson, Owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-28-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Permission to perform inspection given by President, Terry Andersen.  
calmetal@ix.netcom.com  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Coordinates:

Site ID: 101986  
Facility Name: CALIFORNIA METAL PROCESSING CO  
Env Int Type Code: HWG  
Program ID: 10248871  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.989100  
Longitude: -118.303480

Affiliation:

Affiliation Type Desc: Identification Signer  
Entity Name: Terry Andersen  
Entity Title: President  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: CALIFORNIA METAL PROCESSING CO  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Terry Andersen  
Entity Title: Not reported  
Affiliation Address: 1530 W SLAUSON AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Affiliation Country: Not reported  
Affiliation Zip: 90047  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: CALIFORNIA METAL PROCESSING CO  
Entity Title: Not reported  
Affiliation Address: 1530 West Slauson Avenue  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90047  
Affiliation Phone: (323) 753-2247

Affiliation Type Desc: Operator  
Entity Name: CALIFORNIA METAL PROCESSING CO  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (323) 753-2247

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012  
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Document Preparer  
Entity Name: Seth Schramm, USCC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 1530 W Slauson Ave  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90047  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: T.J. Andersen  
Entity Title: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA METAL PROCESSING COMPANY (Continued)**

**1000252196**

Affiliation Address: 703 Amy LN  
Affiliation City: Redondo Beach  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90278  
Affiliation Phone: (213) 798-3498

**J63**  
**West**  
**1/8-1/4**  
**0.212 mi.**  
**1118 ft.**

**NEW WAVE AUTO CRAFTS**  
**1536 W SLAUSON AVE**  
**LOS ANGELES, CA 90047**

**HAZMAT** **S123544594**  
**N/A**

**Site 3 of 5 in cluster J**

**Relative:**  
**Lower**  
**Actual:**  
**138 ft.**

LOS ANGELES HM:  
Name: NEW WAVE AUTO CRAFTS  
Address: 1536 W SLAUSON AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Facility ID: FA0009503  
Last Run Date: 06/01/2019  
Status: INACTIVE

**64**  
**ESE**  
**1/8-1/4**  
**0.217 mi.**  
**1146 ft.**

**PARKS HUERTA PRIMARY CENTER**  
**1020 58TH PL**  
**LOS ANGELES, CA 90044**

**RCRA-LQG** **1011861623**  
**CAR000195768**

**Relative:**  
**Higher**  
**Actual:**  
**146 ft.**

RCRA-LQG:  
Date Form Received by Agency: 2008-10-10 00:00:00.0  
Handler Name: PARKS HUERTA PRIMARY CENTER  
Handler Address: 1020 58TH PL  
Handler City,State,Zip: LOS ANGELES, CA 90044  
EPA ID: CAR000195768  
Contact Name: SOE AUNG  
Contact Address: 333 S BEAUDRY AVE  
Contact City,State,Zip: LOS ANGELES, CA 90017  
Contact Telephone: 213-241-3904  
Contact Fax: Not reported  
Contact Email: SOE.AUNG@LAUSD.NET  
Contact Title: Not reported  
EPA Region: 09  
Land Type: District  
Federal Waste Generator Description: Large Quantity Generator  
Non-Notifier: Not reported  
Biennial Report Cycle: Not reported  
Accessibility: Not reported  
Active Site Indicator: Handler Activities  
State District Owner: Not reported  
State District: Not reported  
Mailing Address: 333 S BEAUDRY AVE  
Mailing City,State,Zip: LOS ANGELES, CA 90017  
Owner Name: LOS ANGELES UNIFIED SCHOOL DIST  
Owner Type: District  
Operator Name: PARKS HUERTA PRIMARY CTR  
Operator Type: District



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PARKS HUERTA PRIMARY CENTER (Continued)**

**1011861623**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2008-10-15 18:50:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARKS HUERTA PRIMARY CENTER (Continued)**

**1011861623**

Hazardous Waste Summary:

Waste Code: D008  
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: PARKS HUERTA PRIMARY CTR  
Legal Status: District  
Date Became Current: 2004-03-29 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: LOS ANGELES UNIFIED SCHOOL DIST  
Legal Status: District  
Date Became Current: 2004-03-29 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 333 S BEAUDRY AVE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90017  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2008-10-10 00:00:00.0  
Handler Name: PARKS HUERTA PRIMARY CENTER  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 61111  
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

<b>J65</b>			<b>UST</b>
<b>West</b>	<b>1556 W SLAUSON AVE</b>		<b>U004300187</b>
<b>1/8-1/4</b>	<b>LOS ANGELES, CA</b>		<b>N/A</b>
<b>0.234 mi.</b>			
<b>1233 ft.</b>	<b>Site 4 of 5 in cluster J</b>		
<b>Relative:</b>	<b>LOS ANGELES UST:</b>		
<b>Lower</b>	Name:	Not reported	
	Address:	1556 W SLAUSON AVE	
<b>Actual:</b>	City,State,Zip:	LOS ANGELES, CA	
<b>138 ft.</b>	Facility ID:	Not reported	
	Last Run Date:	01/01/1900	
	Status:	HISTORICAL	

<b>L66</b>	<b>HECTOR FOREIGN CAR SERVICE</b>	<b>RCRA-SQG</b>	<b>1000417805</b>
<b>NNW</b>	<b>5410 S NORMANDIE AVE</b>	<b>FINDS</b>	<b>CAD982321010</b>
<b>1/8-1/4</b>	<b>LOS ANGELES, CA 90037</b>	<b>ECHO</b>	
<b>0.234 mi.</b>		<b>HAZNET</b>	
<b>1238 ft.</b>	<b>Site 1 of 8 in cluster L</b>	<b>HAZMAT</b>	
		<b>HWTS</b>	
<b>Relative:</b>	<b>RCRA-SQG:</b>		
<b>Lower</b>	Date Form Received by Agency:	1988-03-10 00:00:00.0	
	Handler Name:	HECTOR FOREIGN CAR SERVICE	
<b>Actual:</b>	Handler Address:	5410 S NORMANDIE AVE	
<b>141 ft.</b>	Handler City,State,Zip:	LOS ANGELES, CA 90037	
	EPA ID:	CAD982321010	
	Contact Name:	ENVIRONMENTAL MANAGER	
	Contact Address:	5410 S NORMANDIE AVE	
	Contact City,State,Zip:	LOS ANGELES, CA 90037	
	Contact Telephone:	213-758-3486	
	Contact Fax:	Not reported	
	Contact Email:	Not reported	
	Contact Title:	Not reported	
	EPA Region:	09	
	Land Type:	Not reported	
	Federal Waste Generator Description:	Small Quantity Generator	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Handler Activities	
	State District Owner:	CA	
	State District:	4R	
	Mailing Address:	S NORMANDIE AVE	
	Mailing City,State,Zip:	LOS ANGELES, CA 90037	
	Owner Name:	HECTOR HERNANDEZ	
	Owner Type:	Private	
	Operator Name:	NOT REQUIRED	
	Operator Type:	Private	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	No	

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:09.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HECTOR HERNANDEZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Owner/Operator Email: Not reported  
Owner/Operator Indicator: Operator  
Owner/Operator Name: NOT REQUIRED  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City, State, Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1988-03-10 00:00:00.0  
Handler Name: HECTOR FOREIGN CAR SERVICE  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002793610

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

**ECHO:**

Envid: 1000417805  
Registry ID: 110002793610  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002793610>  
Name: HECTOR FOREIGN CAR SERVICE  
Address: 5410 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037

**HAZNET:**

Name: HECTOR FOREIGN CAR SERVICE  
Address: 5410 S NORMANDIE AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900370000  
Contact: JORGE DURAN  
Telephone: 3237583486  
Mailing Name: Not reported  
Mailing Address: 5410 S NORMANDIE AVE

Year: 2016  
Gepaid: CAD982321010  
TSD EPA ID: CAD099452708  
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more  
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Tons: 0.3336

Year: 2015  
Gepaid: CAD982321010  
TSD EPA ID: AZR000501510  
CA Waste Code: 352 - Other organic solids  
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 1

Year: 2015  
Gepaid: CAD982321010  
TSD EPA ID: CAD099452708  
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more  
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Tons: 0.5004

Year: 2014  
Gepaid: CAD982321010  
TSD EPA ID: CAD099452708  
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more  
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Tons: 0.39198

Year: 2013  
Gepaid: CAD982321010  
TSD EPA ID: CAD099452708  
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more  
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Tons:	0.14178
Year:	2012
Gepaid:	CAD982321010
TSD EPA ID:	CAD099452708
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.13761
Year:	2011
Gepaid:	CAD982321010
TSD EPA ID:	CAD099452708
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.0417
Year:	2005
Gepaid:	CAD982321010
TSD EPA ID:	CAT080033681
CA Waste Code:	352 - Other organic solids
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.7506
Year:	2003
Gepaid:	CAD982321010
TSD EPA ID:	CAT080033681
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.51
Year:	2001
Gepaid:	CAD982321010
TSD EPA ID:	CAT080033681
CA Waste Code:	352 - Other organic solids
Disposal Method:	D80 - Disposal, Land Fill
Tons:	1.05

[Click this hyperlink](#) while viewing on your computer to access  
2 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2014
Gen EPA ID:	CAD982321010
Shipment Date:	20141204
Creation Date:	3/3/2015 22:15:07
Receipt Date:	20141205
Manifest ID:	002553276GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141003
Creation Date:	12/31/2014 22:14:46
Receipt Date:	20141006
Manifest ID:	002540924GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140806
Creation Date:	11/3/2014 22:14:40
Receipt Date:	20140807
Manifest ID:	002524955GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.05838



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Waste Quantity:	14
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140611
Creation Date:	8/19/2014 22:15:04
Receipt Date:	20140612
Manifest ID:	002466225GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140225
Creation Date:	4/30/2014 22:15:09
Receipt Date:	20140226
Manifest ID:	002337747GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HECTOR FOREIGN CAR SERVICE (Continued)

1000417805

Additional Info:

Year:	2016
Gen EPA ID:	CAD982321010
Shipment Date:	20151216
Creation Date:	6/8/2016 18:32:50
Receipt Date:	20151217
Manifest ID:	002994066GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	1/25/2016 22:15:12
Receipt Date:	20151030
Manifest ID:	002970992GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150901
Creation Date:	12/15/2015 22:15:14
Receipt Date:	20150902

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Manifest ID: 002891984GBF  
Trans EPA ID: ILR000130062  
Trans Name: HERITAGE-CRYSTAL CLEAN LLC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD099452708  
Trans Name: INDUSTRIAL SERVICE OIL COMPANY INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
  
Quantity Tons: 0.0834  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20150706  
Creation Date: 10/1/2015 22:15:34  
Receipt Date: 20150707  
Manifest ID: 002870874GBF  
Trans EPA ID: ILR000130062  
Trans Name: HERITAGE-CRYSTAL CLEAN LLC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD099452708  
Trans Name: INDUSTRIAL SERVICE OIL COMPANY INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
  
Quantity Tons: 0.0834  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20150515  
Creation Date: 8/20/2015 22:15:33  
Receipt Date: 20150518  
Manifest ID: 002901659GBF  
Trans EPA ID: ILR000130062  
Trans Name: HERITAGE-CRYSTAL CLEAN LLC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD099452708  
Trans Name: INDUSTRIAL SERVICE OIL COMPANY INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HECTOR FOREIGN CAR SERVICE (Continued)

1000417805

TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150324
Creation Date:	7/6/2015 22:15:25
Receipt Date:	20150325
Manifest ID:	002773831GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150109
Creation Date:	9/22/2015 22:15:09
Receipt Date:	20150122
Manifest ID:	002508995GBF
Trans EPA ID:	CAD981634363
Trans Name:	RICARDO D TADEO WASTE OIL SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDf EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Waste Quantity: 2000  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2012  
Gen EPA ID: CAD982321010

Shipment Date: 20121105  
Creation Date: 1/13/2013 22:15:14  
Receipt Date: 20121106  
Manifest ID: 001848704GBF  
Trans EPA ID: ILR000130062  
Trans Name: HERITAGE-CRYSTAL CLEAN LLC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD099452708  
Trans Name: INDUSTRIAL SERVICE OIL COMPANY INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Quantity Tons: 0.06672  
Waste Quantity: 16  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20120727  
Creation Date: 9/26/2012 22:15:16  
Receipt Date: 20120801  
Manifest ID: 001807066GBF  
Trans EPA ID: ILR000130062  
Trans Name: HERITAGE-CRYSTAL CLEAN LLC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD099452708  
Trans Name: INDUSTRIAL SERVICE OIL COMPANY INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Quantity Tons: 0.07089  
Waste Quantity: 17  
Quantity Unit: G  
Additional Code 1: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Additional Code 2: Not reported  
 Additional Code 3: Not reported  
 Additional Code 4: Not reported  
 Additional Code 5: Not reported

Additional Info:

Year: 2015  
 Gen EPA ID: CAD982321010

Shipment Date: 20151216  
 Creation Date: 6/8/2016 18:32:50  
 Receipt Date: 20151217  
 Manifest ID: 002994066GBF  
 Trans EPA ID: ILR000130062  
 Trans Name: HERITAGE-CRYSTAL CLEAN LLC  
 Trans 2 EPA ID: Not reported  
 Trans 2 Name: Not reported  
 TSDf EPA ID: CAD099452708  
 Trans Name: INDUSTRIAL SERVICE OIL COMPANY INC  
 TSDf Alt EPA ID: Not reported  
 TSDf Alt Name: Not reported  
 Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
 RCRA Code: Not reported  
 Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
 Regeneration, Organics Recovery Ect

Quantity Tons: 0.0834  
 Waste Quantity: 20  
 Quantity Unit: G  
 Additional Code 1: Not reported  
 Additional Code 2: Not reported  
 Additional Code 3: Not reported  
 Additional Code 4: Not reported  
 Additional Code 5: Not reported

Shipment Date: 20151029  
 Creation Date: 1/25/2016 22:15:12  
 Receipt Date: 20151030  
 Manifest ID: 002970992GBF  
 Trans EPA ID: ILR000130062  
 Trans Name: HERITAGE-CRYSTAL CLEAN LLC  
 Trans 2 EPA ID: Not reported  
 Trans 2 Name: Not reported  
 TSDf EPA ID: CAD099452708  
 Trans Name: INDUSTRIAL SERVICE OIL COMPANY INC  
 TSDf Alt EPA ID: Not reported  
 TSDf Alt Name: Not reported  
 Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
 RCRA Code: Not reported  
 Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
 Regeneration, Organics Recovery Ect

Quantity Tons: 0.0834  
 Waste Quantity: 20  
 Quantity Unit: G  
 Additional Code 1: Not reported  
 Additional Code 2: Not reported  
 Additional Code 3: Not reported  
 Additional Code 4: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Additional Code 5:	Not reported
Shipment Date:	20150901
Creation Date:	12/15/2015 22:15:14
Receipt Date:	20150902
Manifest ID:	002891984GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150706
Creation Date:	10/1/2015 22:15:34
Receipt Date:	20150707
Manifest ID:	002870874GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150515
Creation Date:	8/20/2015 22:15:33
Receipt Date:	20150518
Manifest ID:	002901659GBF
Trans EPA ID:	ILR000130062

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150324
Creation Date:	7/6/2015 22:15:25
Receipt Date:	20150325
Manifest ID:	002773831GBF
Trans EPA ID:	ILR000130062
Trans Name:	HERITAGE-CRYSTAL CLEAN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL COMPANY INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150109
Creation Date:	9/22/2015 22:15:09
Receipt Date:	20150122
Manifest ID:	002508995GBF
Trans EPA ID:	CAD981634363
Trans Name:	RICARDO D TADEO WASTE OIL SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDf EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 1  
Waste Quantity: 2000  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2001  
Gen EPA ID: CAD982321010

Shipment Date: 20010108  
Creation Date: 3/22/2001 0:00:00  
Receipt Date: 20010112  
Manifest ID: 20097407  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT080033681  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.75  
Waste Quantity: 1500  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20010105  
Creation Date: 3/22/2001 0:00:00  
Receipt Date: 20010112  
Manifest ID: 20557977  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT080033681  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Waste Quantity: 600  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2011  
Gen EPA ID: CAD982321010

Shipment Date: 20110913  
Creation Date: 11/30/2011 18:30:36  
Receipt Date: 20110913  
Manifest ID: 001485341GBF  
Trans EPA ID: ILR000130062  
Trans Name: HERITAGE-CRYSTAL CLEAN LLC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD099452708  
Trans Name: INDUSTRIAL SERVICE OIL CO INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Quantity Tons: 0.0417  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2013  
Gen EPA ID: CAD982321010

Shipment Date: 20130612  
Creation Date: 9/15/2013 22:15:09  
Receipt Date: 20130613  
Manifest ID: 002107934GBF  
Trans EPA ID: ILR000130062  
Trans Name: HERITAGE-CRYSTAL CLEAN LLC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD099452708  
Trans Name: INDUSTRIAL SERVICE OIL COMPANY INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HECTOR FOREIGN CAR SERVICE (Continued)

1000417805

Regeneration, Organics Recovery Ect  
Quantity Tons: 0.06672  
Waste Quantity: 16  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20130315  
Creation Date: 5/11/2013 22:15:06  
Receipt Date: 20130318  
Manifest ID: 002044383GBF  
Trans EPA ID: ILR000130062  
Trans Name: HERITAGE-CRYSTAL CLEAN LLC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD099452708  
Trans Name: INDUSTRIAL SERVICE OIL COMPANY INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect

Quantity Tons: 0.07506  
Waste Quantity: 18  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 2003  
Gen EPA ID: CAD982321010

Shipment Date: 20030516  
Creation Date: 6/23/2004 10:00:42  
Receipt Date: 20030522  
Manifest ID: 22465187  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT080033681  
TSDf Alt Name: Not reported  
Waste Code Description: 343 - Unspecified organic liquid mixture  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.51  
Waste Quantity: 150  
Quantity Unit: G

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2005  
Gen EPA ID: CAD982321010

Shipment Date: 20050823  
Creation Date: 4/13/2006 18:47:49  
Receipt Date: 20050823  
Manifest ID: 24038399  
Trans EPA ID: CAD981634363  
Trans Name: RD TADEO WASTE OIL SERVICE  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: D/K ENVIRONMENTAL  
TSDf Alt EPA ID: CAT080033681  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.7506  
Waste Quantity: 180  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

LOS ANGELES HM:

Name: HECTOR'S FOREIGN CAR SERVICE  
Address: 5410 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: FA0007867  
Last Run Date: 06/01/2019  
Status: ACTIVE

HWTS:

Name: HECTOR FOREIGN CAR SERVICE  
Address: 5410 S NORMANDIE AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900370000  
EPA ID: CAD982321010  
Inactive Date: 06/30/1998  
Create Date: 06/17/1988  
Last Act Date: 11/14/2017  
Mailing Name: Not reported  
Mailing Address: 5410 S NORMANDIE AVE  
Mailing Address 2: Not reported  
Mailing City,State,Zip: LOS ANGELES, CA 90037  
Owner Name: HECTOR FOREIGN CAR SERVICE INC

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HECTOR FOREIGN CAR SERVICE (Continued)**

**1000417805**

Owner Address: 5410 S NORMANDIE AVE  
 Owner Address 2: Not reported  
 Owner City,State,Zip: LOS ANGELES, CA 90037  
 Contact Name: JORGE DURAN  
 Contact Address: 5410 NORMANDIE AVE  
 Contact Address 2: - BATCH 4/27  
 City,State,Zip: LOS ANGELES, CA 90037

**J67**  
**West**  
**1/8-1/4**  
**0.237 mi.**  
**1254 ft.**

**1552 W SLAUSON AVE**  
**LOS ANGELES, CA**

**Site 5 of 5 in cluster J**

**UST U004300172**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**138 ft.**

**LOS ANGELES UST:**  
 Name: Not reported  
 Address: 1552 W SLAUSON AVE  
 City,State,Zip: LOS ANGELES, CA  
 Facility ID: Not reported  
 Last Run Date: 01/01/1900  
 Status: HISTORICAL

**M68**  
**ESE**  
**1/8-1/4**  
**0.241 mi.**  
**1272 ft.**

**LOS ANGELES USD BUDLONG ELEM SCHOOL**  
**5940 S BUDLONG AVE**  
**LOS ANGELES, CA 90044**

**Site 1 of 2 in cluster M**

**RCRA-SQG 1000102111**  
**FINDS CAD982021644**

**Relative:**  
**Higher**  
**Actual:**  
**144 ft.**

**RCRA-SQG:**  
 Date Form Received by Agency: 1987-08-07 00:00:00.0  
 Handler Name: LOS ANGELES USD BUDLONG ELEM SCHOOL  
 Handler Address: 5940 S BUDLONG AVE  
 Handler City,State,Zip: LOS ANGELES, CA 90044  
 EPA ID: CAD982021644  
 Contact Name: ENVIRONMENTAL MANAGER  
 Contact Address: 5940 S BUDLONG AVE  
 Contact City,State,Zip: LOS ANGELES, CA 90044  
 Contact Telephone: 213-742-7371  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 09  
 Land Type: Other  
 Federal Waste Generator Description: Small Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: CA  
 State District: 4R  
 Mailing Address: 1425 S SAN PEDRO ST ROOM 215  
 Mailing City,State,Zip: LOS ANGELES, CA 90015  
 Owner Name: LOS ANGELES UNIFIED SCHOOL DISTRICT  
 Owner Type: Municipal  
 Operator Name: NOT REQUIRED  
 Operator Type: Municipal

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOS ANGELES USD BUDLONG ELEM SCHOOL (Continued)**

**1000102111**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:32:24.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOS ANGELES USD BUDLONG ELEM SCHOOL (Continued)**

**1000102111**

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: NOT REQUIRED  
Legal Status: Municipal  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: LOS ANGELES UNIFIED SCHOOL DISTRICT  
Legal Status: Municipal  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1987-08-07 00:00:00.0  
Handler Name: LOS ANGELES USD BUDLONG ELEM SCHOOL  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002778753

Click Here:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOS ANGELES USD BUDLONG ELEM SCHOOL (Continued)**

**1000102111**

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**M69**  
**ESE**  
**1/8-1/4**  
**0.241 mi.**  
**1272 ft.**

**LAUSD - BUDLONG AVE SCHOOL**  
**5940 S BUDLONG AVE**  
**LOS ANGELES, CA 90044**

**EMI S103974429**  
**HAZMAT N/A**

**Site 2 of 2 in cluster M**

**Relative:**  
**Higher**

EMI:

**Actual:**  
**144 ft.**

Name: LA UNI SCH DIST, BUDLONG AVE E  
Address: 5940 S BUDLONG AV  
City,State,Zip: LOS ANGELES, CA 900440000  
Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 72707  
Air District Name: SC  
SIC Code: 8211  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

LOS ANGELES HM:

Name: LAUSD - BUDLONG AVE SCHOOL  
Address: 5940 S BUDLONG AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: FA0014303  
Last Run Date: 06/01/2019  
Status: INACTIVE



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**N70**      **VERIZON WIRELESS: POBLANO**  
**East**      **5801 S VERMONT AVE**  
**1/8-1/4**      **LOS ANGELES, CA 90044**  
**0.244 mi.**  
**1286 ft.**      **Site 1 of 2 in cluster N**

**UST**      **U004305368**  
**N/A**

**Relative:**      LOS ANGELES UST:  
**Higher**      Name:      VERIZON WIRELESS: POBLANO  
Address:      5801 S VERMONT AVE  
City,State,Zip:      LOS ANGELES, CA 90044  
Facility ID:      FA0000934  
Last Run Date:      06/03/2019  
Status:      INACTIVE

**N71**      **T-MOBILE WEST, LLC LA13075F**  
**East**      **5801 S. VERMONT AVE.**  
**1/8-1/4**      **LOS ANGELES, CA 90037**  
**0.244 mi.**  
**1286 ft.**      **Site 2 of 2 in cluster N**

**SWEEPS UST**      **1000105150**  
**HIST UST**      **N/A**  
**CA FID UST**  
**HAZMAT**  
**CERS**

**Relative:**      SWEEPS UST:  
**Higher**      Name:      PEP BOYS-VERMONT STORE #2  
Address:      5801 S VERMONT AVE  
City:      LOS ANGELES  
Status:      Not reported  
Comp Number:      255  
Number:      Not reported  
Board Of Equalization:      44-011081  
Referral Date:      Not reported  
Action Date:      Not reported  
Created Date:      Not reported  
Owner Tank Id:      Not reported  
SWRCB Tank Id:      19-050-000255-000001  
Tank Status:      Not reported  
Capacity:      550  
Active Date:      Not reported  
Tank Use:      OIL  
STG:      WASTE  
Content:      WASTE OIL  
Number Of Tanks:      1

**HIST UST:**  
Name:      PEP BOYS S VERMONT  
Address:      5801 S VERMONT  
City,State,Zip:      LOS ANGELES, CA 90044  
File Number:      00027CA0  
URL:      <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027CA0.pdf>  
Region:      STATE  
Facility ID:      00000003733  
Facility Type:      Other  
Other Type:      WASTE TANK  
Contact Name:      GERALD BALDONADO  
Telephone:      2137485751  
Owner Name:      PEP BOYS-MANNY, MOE & JACK  
Owner Address:      1124 W. WASHINGTON BLVD.  
Owner City,St,Zip:      LOS ANGELES, CA 90015  
Total Tanks:      0001  
  
Tank Num:      001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**T-MOBILE WEST, LLC LA13075F (Continued)**

**1000105150**

Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Click here for Geo Tracker PDF:

**CA FID UST:**

Facility ID: 19023659  
Regulated By: UTNKI  
Regulated ID: 00003733  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2137455695  
Mail To: Not reported  
Mailing Address: 1122 W WASHINGTON BLVD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900440000  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**LOS ANGELES HM:**

Name: VERIZON WIRELESS: POBLANO  
Address: 5801 S VERMONT AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: FA0000934  
Last Run Date: 06/01/2019  
Status: ACTIVE

**CERS:**

Name: T-MOBILE WEST, LLC LA13075F  
Address: 5801 S. VERMONT AVE.  
City,State,Zip: LOS ANGELES, CA 90037  
Site ID: 518347  
CERS ID: 10784215  
CERS Description: Chemical Storage Facilities

**Affiliation:**

Affiliation Type Desc: Identification Signer  
Entity Name: Kelly Michaels  
Entity Title: Project Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**T-MOBILE WEST, LLC LA13075F (Continued)**

**1000105150**

Affiliation Type Desc: Parent Corporation  
Entity Name: T-MOBILE WEST, LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012  
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Environmental Contact  
Entity Name: Kelly Michaels  
Entity Title: Not reported  
Affiliation Address: 4100 Guardian St., Ste 101  
Affiliation City: Simi Valley  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93063  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: T-MOBILE WEST, LLC  
Entity Title: Not reported  
Affiliation Address: 12920 SE 38th Street  
Affiliation City: Bellevue  
Affiliation State: WA  
Affiliation Country: United States  
Affiliation Zip: 98006  
Affiliation Phone: (425) 383-4000

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 4100 Guardian St., Ste 101  
Affiliation City: Simi Valley  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93063  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: Kelly Michaels  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**T-MOBILE WEST, LLC LA13075F (Continued)**

**1000105150**

Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: T-MOBILE WEST, LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (805) 574-0897

Name: VERIZON WIRELESS: POBLANO  
Address: 5801 S VERMONT AVE  
City,State,Zip: LOS ANGELES, CA 90044  
Site ID: 366456  
CERS ID: 10663966  
CERS Description: Chemical Storage Facilities

Affiliation:

Affiliation Type Desc: Document Preparer  
Entity Name: Steve Skanderson, Stantec  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Verizon Wireless  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (949) 286-7000

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 15505 Sand Canyon Avenue, MS D-104  
Affiliation City: Irvine  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92618  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Verizon Wireless  
Entity Title: Not reported  
Affiliation Address: 15505 Sand Canyon Avenue, MS D-104  
Affiliation City: Irvine  
Affiliation State: CA

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**T-MOBILE WEST, LLC LA13075F (Continued)**

**1000105150**

Affiliation Country: United States  
 Affiliation Zip: 92618  
 Affiliation Phone: (949) 286-7000

Affiliation Type Desc: CUPA District  
 Entity Name: Los Angeles City Fire Department  
 Entity Title: Not reported  
 Affiliation Address: 200 North Main Street, Room 1780  
 Affiliation City: Los Angeles  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 90012  
 Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Environmental Contact  
 Entity Name: Environmental Compliance  
 Entity Title: Not reported  
 Affiliation Address: 15505 Sand Canyon Avenue, MS D-104  
 Affiliation City: Irvine  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 92618  
 Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
 Entity Name: Wilson Rodriguez  
 Entity Title: Engr III Spec-RE/Regulatory  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
 Entity Name: Verizon Wireless [Southern California]  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

**L72  
 NNW  
 1/8-1/4  
 0.244 mi.  
 1289 ft.**

**RIVKAH INC  
 5407 S NORMANDIE AVE  
 LOS ANGELES, CA 90037  
 Site 2 of 8 in cluster L**

**CERS HAZ WASTE  
 CERS TANKS  
 HAZNET  
 HAZMAT  
 CERS  
 HWTS**

**S113145913  
 N/A**

**Relative:  
 Lower**

CERS HAZ WASTE:

**Actual:  
 140 ft.**

Name: RIVKAH INC  
 Address: 5407 S NORMANDIE AVE  
 City,State,Zip: LOS ANGELES, CA 90037  
 Site ID: 148382  
 CERS ID: 10248667

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

CERS Description: Hazardous Waste Generator

**CERS TANKS:**

Name: RIVKAH INC  
Address: 5407 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Site ID: 148382  
CERS ID: 10248667  
CERS Description: Underground Storage Tank

**HAZNET:**

Name: RIVKAH INC  
Address: 5407 S NORMANDIE AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 90037  
Contact: HEZGHIA ES-HAGHIAN  
Telephone: 3235410207  
Mailing Name: Not reported  
Mailing Address: 5407 S NORMANDIE AVE

Year: 2010  
Gepaid: CAL000315380  
TSD EPA ID: CAD028409019  
CA Waste Code: 241 - Tank bottom waste  
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)  
Tons: 0.4587

Year: 2007  
Gepaid: CAL000315380  
TSD EPA ID: CAT080013352  
CA Waste Code: 343 - Unspecified organic liquid mixture  
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)  
Tons: 0.34

**Additional Info:**

Year: 2010  
Gen EPA ID: CAL000315380

Shipment Date: 20100524  
Creation Date: 8/26/2010 18:30:32  
Receipt Date: 20100603  
Manifest ID: 004015982JJK  
Trans EPA ID: CAR000199349  
Trans Name: ABLE ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSD EPA ID: CAD028409019  
Trans Name: CROSBY & OVERTON INC  
TSD Alt EPA ID: Not reported  
TSD Alt Name: Not reported  
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics  
RCRA Code: Not reported  
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

Without Treatment)  
Quantity Tons: 0.4587  
Waste Quantity: 110  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2007  
Gen EPA ID: CAL000315380

Shipment Date: 20070205  
Creation Date: 2/23/2008 18:30:22  
Receipt Date: 20070207  
Manifest ID: 002117463JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO/KERDOON  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 343 - Unspecified organic liquid mixture  
RCRA Code: D018  
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)

Quantity Tons: 0.34  
Waste Quantity: 100  
Quantity Unit: G  
Additional Code 1: D001  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

LOS ANGELES HM:

Name: RIVKAH INC  
Address: 5407 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: FA0022930  
Last Run Date: 06/01/2019  
Status: ACTIVE

CERS:

Name: RIVKAH INC  
Address: 5407 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Site ID: 148382  
CERS ID: 10248667  
CERS Description: Chemical Storage Facilities

Violations:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 05-18-2018  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
Violation Description: Failure to complete and electronically submit a site map with all required content.  
Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 09-27-2019  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)  
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.  
Violation Notes: Returned to compliance on 12/10/2019. OBSERVATION: Uniform Hazardous Waste Manifests for sump testing water were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for hazardous waste, submit copies to the CUPA, and maintain available for at least three years.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 08-12-2016  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to have a UST Monitoring Plan available on site.  
Violation Notes: Returned to compliance on 09/10/2016. 1) OBSERVATION: MONITORING PLAN STATES "NO" TO Equipment Maintenance and Calibration Records. THESE RECORDS ARE REQUIRED TO BE MAINTAINED. CORRECTION: STATE "YES" TO Equipment Maintenance and Calibration Records AND MAINTAIN SUCH RECORDS.  
Violation Division: Los Angeles City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 08-07-2019  
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)  
Violation Description: Failure to comply with one or more of the following overflow prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RIVKAH INC (Continued)

S113145913

percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, - 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1, - 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Returned to compliance on 08/07/2019. OBSERVATION: The inspection of all required overfill prevention equipment listed in CERS was not completed and submitted to the CUPA by 10/13/2018. CERS states "Yes" to Flappers only. CORRECTIVE ACTION: Overfill prevention equipment listed in CERS was inspected on this date by Peyman Nasibi with Pacific Nozzle. CORRECTED ON SITE. Ensure inspection results are submitted by email to the CUPA within 30 days. Next overfill prevention equipment inspection must be completed by 10/2021.

Violation Division: Los Angeles City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 08-07-2019  
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712

Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violation Notes: OBSERVATION: Review of 03/11/2019 monthly designated operator report documents cold start and retest by Pacific Nozzle on 03/04/2019. Confirmed request for Cold Start Permit is in process with LAFD Plan Check. CORRECTIVE ACTION: Ensure Permit for Cold Start is paid for and obtained from LAFD Plan Check. Forward Email to Inspector when permit is received from LAFD Plan Check. No retest is required when permit is issued - MC witnessed on this date.

Violation Division: Los Angeles City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 08-12-2016  
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712

Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violation Notes: Returned to compliance on 09/10/2016. OBSERVATION: MISSING SB989 test results from 10-15-13 - REQUESTED tester DAVE SIMON/SHANCOR to email

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

results forthwith. Correction: Ensure testing results are submitted to the CUPA within 30 days and maintained on site for 5 years.

Violation Division: Los Angeles City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 08-11-2017  
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)

Violation Description: Failure to maintain secondary containment (e.g. failure of secondary containment testing).

Violation Notes: Returned to compliance on 05/18/2018. OBSERVATION: SECONDARY CONTAINMENT TESTING CONDUCTED ON 10-13-16 BY PEYMAN NASIBI WITH PACIFIC NOZZLE IDENTIFIED FAILURES IN THE 87 FILL SUMP. 91 FILL SUMP & 91 PRODUCT SECONDARY PIPING. ALL SECONDARY CONTAINMENT FOR THE UST SYSTEM MUST BE MAINTAINED TIGHT. THIS FACILITY WAS PREVIOUSLY CITED FOR SECONDARY CONTAINMENT TESTING FAILURES ON 10-13-16. VIOLATIONS WERE ELEVATED TO CLASS II SIGNIFICANT VIOLATIONS. CORRECTIVE ACTION: IMMEDIATELY REQUEST A PERMIT FROM THE LAFD PLAN CHECK UNIT TO CONDUCT REPAIRS TO THE FAILED SECONDARY CONTAINMENT COMPONENTS. ENSURE A PROPERLY LICENSED, TRAINED, AND CERTIFIED CONTRACTOR REPAIRS OR REPLACES THE FAILED COMPONENT(S) UNDER PERMIT FROM AND WITNESSED INSPECTION BY THE LAFD CUPA. REPORTS EMAILED TO OWNER HEZY ES-HAGHIAN AT hezyeshaghian@yahoo.com

Violation Division: Los Angeles City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 08-07-2019  
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)

Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.

Violation Notes: OBSERVATION: Monthly DO reports from 12/2018 through 5/2019 were not signed by owner-operator. Beginning 10/2018, each Monthly Designated Operator report is required to be reviewed and signed by the Owner-Operator (regardless of whether alarms or compliance actions were noted) within 48 hours of receiving the report AND to indicate any corrective actions taken (if required) AND to attach documentation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

of actions taken to address alarms. CORRECTIVE ACTION: Immediately ensure November, 2018 and March, May, June and July 2019 Monthly Designated Operator reports are signed by the Owner-Operator. Ensure all future monthly Designated Operator reports are signed by Owner-Operator, list the actions taken by Owner-Operator to address compliance issues and have written documentation attached that describe the action taken to properly address alarms. EMAIL THIS INSPECTOR copies of the December 2018 through May 2019 Monthly Designated Operator reports signed by the Owner-Operator [Truncated] Los Angeles City Fire Department

Violation Division: Los Angeles City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 08-12-2016  
Citation: HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)

Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.

Violation Notes: Returned to compliance on 08/12/2016. OBSERVATION: SMALL AMOUNT OF WATER IN UDC 1-2 AND 87 STP SUMP - NOT ENOUGH TO TRIP FLOAT & CHAIN OR VR 208 SENSOR. CORRECTION: REMOVED BY TESTER AND CORRECTED ON SITE.

Violation Division: Los Angeles City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 08-26-2020  
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)

Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).

Violation Notes: OBSERVATION: My review of Secondary Containment Testing results provided to me indicated a failure of both the 87 & 91 Tank Annular Spaces. According to the results, the 87 Tank Failed Testing due to damage caused by a Car Accident and the 91 Tank Failed due to Annular space being full of fuel. CORRECTIVE ACTION: The Owner-Operator shall obtain a permit forthwith from LAFD Plan Check to either repair the 87 & 91 Tank Annular Secondary Containment or remove the tanks.- As per my telephone discussion with Owner-Operator Hezy Es-haghian, the Tanks have been emptied and this facility is NOT dispensing fuel. No fuel shall be added or dispensed from this facility until the repair or replacement of these Tanks is permitted, completed and verified by the Los- Angeles Fire Department .

Violation Division: Los Angeles City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 05-14-2013  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.

Violation Notes: Provide and maintain most recent HW disposal records

Violation Division: Los Angeles County Fire Department

Violation Program: HW

Violation Source: CERS

Site ID: 148382

Site Name: RIVKAH INC

Violation Date: 08-11-2017

Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284

Violation Description: Failure to obtain a valid permit to operate from the CUPA.

Violation Notes: Returned to compliance on 06/03/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date

Violation Division: Los Angeles City Fire Department

Violation Program: UST

Violation Source: CERS

Site ID: 148382

Site Name: RIVKAH INC

Violation Date: 05-23-2018

Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: 1) OBSERVATION: Facility states that the 4 x 55 GAL DRUMS FOR HAZ LIQUID normally stored at facility were mistakenly taken away by Haz Waste Servicing Company and no drums are currently available on site to store. CORRECTIVE ACTION: Remained on site while contractor picked up 4 new 55-gal plastic drums for storage of hazardous liquids and placed test water in drums. Corrected on site. 2) OBSERVATION: CERS Haz Mat Inventory is missing 4 x 55 GAL DRUMS FOR HAZ LIQUID located in rear yard of convenience store. CERS Haz Mat Inventory is also missing 12 x 17 lbs (1,768 cu ft) steel cylinders of propane in steel cage along North exterior wall of store. CORRECTIVE ACTION: Update CERS Haz Mat Inventory to add 4 x 55 GAL DRUM FOR HAZ LIQUID located in rear yard of convenience store and 12 x 17 lbs (1,768 cu ft) steel cylinders of propane in steel cage along North exterior wall of store. Email inspector when required CERS updates are completed.

Violation Division: Los Angeles City Fire Department

Violation Program: HMRRP

Violation Source: CERS

Site ID: 148382

Site Name: RIVKAH INC

Violation Date: 08-12-2016

Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days.

Violation Notes: Returned to compliance on 09/10/2016. 2) OBSERVATION: OWNER OPERATOR AGREEMENT IS REQUIRED BECAUSE OWNER AND OPERATOR ARE NOT IDENTICAL ON FACILITY OPERATING PERMIT APPLICATION. CORRECTION: SUBMIT CURRENT/SIGNED OWNER OPERATOR AGREEMENT INTO CERS AND MAINTAIN ON SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

OR CORRECT OPERATING PERMIT APPLICATION IN CERS TO SHOW TANK OWNER AND OPERATOR ARE IDENTICAL.

Violation Division: Los Angeles City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 12-10-2019  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 01/07/2020. Hazardous waste disposal records were unavailable at this follow up inspection from routine inspection on 9-27-2019. Violation upgraded to class II due to non-compliance after 30 day notice to comply.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 05-18-2018  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Not reported  
Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 05-23-2018  
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Notes: OBSERVATION: CERS Haz Mat Site Map is missing 4 x 55 GAL DRUMS FOR HAZ LIQUID located in rear yard of convenience store. CERS Haz Mat Inventory is also missing 12 x 17 lbs (1,768 cu ft) steel cylinders of propane in steel cage along North exterior wall of store. CORRECTIVE ACTION: Update CERS Haz Mat Site Map to add 4 x 55 GAL DRUMS FOR HAZ LIQUID located in rear yard of convenience store and 12 x 17 lbs (1,768 cu ft) steel cylinders of propane in steel cage along North exterior wall of store. Email inspector when required CERS updates are completed

Violation Division: Los Angeles City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

Site ID: 148382  
Site Name: RIVKAH INC  
Violation Date: 08-07-2019  
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)  
Violation Description: Failure to have an approved UST Monitoring Plan.  
Violation Notes: OBSERVATION: Tank monitoring in CERS mistakenly states UDC monitoring stops flow at dispenser. Confirmed flow is stopped at turbine.  
CORRECTIVE ACTION: Immediately update tank monitoring in CERS to state G NOG to UDC monitoring stops flow at dispenser. Email inspector when CERS update is completed.  
Violation Division: Los Angeles City Fire Department  
Violation Program: UST  
Violation Source: CERS

Evaluation:  
Eval General Type: Other/Unknown  
Eval Date: 08-14-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 08-11-17 BY PEYMAN NASIBI WITH PACIFIC NOZZLE. CONFIRMED REQUESTED RESULTS WERE RECEIVED BY MAIL WITH VEEDER ROOT TAPE. SCANNED RESULTS AND ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.  
Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-18-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: PERMISSION TO INSPECT GRANTED BY MANAGER HOSSAIN RANO. FACILITY INSPECTION CONDUCTED DURING ANNUAL MONITORING SYSTEM CERTIFICATION BY PEYMAN NASIBI, PACIFIC NOZZLE. OBSERVED SENSORS PLACED AT LOWEST POINT TO DETECT A LEAK. OWNER / OPERATOR HEZY ES-HAGHIAN. VERIFIED CERS = 03-19-15. VERIFIED ON SITE: VEEDER ROOT TLS 350. 2 x 20K GAL TRUSCO TANKS 87 AND 91 INSTALLED 04-01-98. OVERFILL = FLAPPERS AND BALL FLOATS. ANNULARS = 409s. SUMPS & UDCS = 208s. MLLDs = FE PETRO STP. DO = DIANE FOWLER MC = 08-21-14, 08-13-13, 08-22-12 PACIFIC NOZZLE 989 = 10-15-13 (from DO report only - not on site) 10-21-10 SHANCOR. EMAILED SHANCOR AND DO TO PROVIDE COPY OF 2013 989 REPORT REPORTS EMAILED TO OWNER / OPERATOR HEZY ES-HAGHIAN at hezyeshaghian@yahoo.com  
Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-24-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 08-10-18 BY PEYMAN NASIBI WITH PACIFIC NOZZLE. CONFIRMED REQUESTED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT, HOWEVER, THE UST SITE MAP WAS NOT INCLUDED IN RESULTS.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RIVKAH INC (Continued)

S113145913

CONTACTED PACIFIC NOZZLE TO ADVISE OF NEED TO RE-SUBMIT RESULTS WITH A UST SITE MAP THAT INCLUDES THE LOCATION AND MODEL NUMBERS OF ALL MONITORING EQUIPMENT AND APPROX PIPING RUN.

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-26-2020  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewed received Secondary Containment System Spill Bucket Results for testing of Tank Annulars conducted on 06-05-2020 by Byron Molina with MDSM Corporation. Confirmed results received, scanned/downloaded and attached in Envision. Ensured written inspection procedures were attached. The following failures were noted on the report (SEE BELOW): 1, VACUUM TESTED 91 TANK ANNULAR (FAILED) DUE TO A CAR ACCIDENT 2. FAIL 87 TANK ANNULAR (FOUND ANNULAR SPACE FULL OF FUEL) In addition, the following errors were identified: 1. Results were not signed by the Testing Contractor as required. 2. Results indicate that the Fill Sumps and UDC's were tested and passed, however, no Incon Tapes documenting the passing tests were attached to the results as required. Emailed Testing Contractor Byron Molina and Owner to advise that the following actions are required: 1. Ensure that the testing results emailed by this inspector are signed by the Testing Contractor. (Do not [Truncated])

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-26-2020  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: OBSERVATION: My review of Secondary Containment Testing results provided to me indicated a failure of both the 87 & 91 Tank Annular Spaces. According to the results, the 87 Tank Failed Testing due to damage caused by a Car Accident and the 91 Tank Failed due to Annular space being full of fuel. CORRECTIVE ACTION: The Owner-Operator shall obtain a permit forthwith from LAFD Plan Check to either repair the 87 & 91 Tank Annular Secondary Containment or remove the tanks.- As per my telephone discussion with Owner-Operator Hezy Es-haghian, the Tanks have been emptied and this facility is NOT dispensing fuel. No fuel shall be added or dispensed from this facility until the repair or replacement of these Tanks is permitted, completed and verified by the Los- Angeles Fire Department . A copy of this report was emailed to Owner-Operator Hezy Es-haghian at hezyeshaghian@yahoo.com, Peyman Nasibi at pacificnozzles@gmail.com, Captain II Dan Dragotto at dan.dragotto@lacity.org [Truncated]

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-22-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

Eval Notes: REVIEWED RECEIVED POST REPAIR SECONDARY CONTAINMENT SYSTEM RESULTS FOR TESTING CONDUCTED ON 05-18-18 BY PEYMAN NASIBI WITH PACIFIC NOZZLE. CONFIRMED RESULTS SCANNED/ DOWNLOADED AND ATTACHED IN ENVISION. PREVIOUS FAILURES IN 91 FILL SUMP & 91 PRODUCT SECONDARY PIPING WERE CORRECTED AND PASSED INCON TESTING ON 05-18-18.

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-22-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Verified that site corrected secondary containment failures on 05-18-18. (see notes from calendar below). Inspector unable to document at time due to Tablet Failure that date. Reviewed, Calendar, File and Reports. Assigned RTC Qualifier(s) for outstanding (UST) violations. 05-18-18: "LAFD Inspector Mungaray on site to witness post repair secondary containment testing of components that failed testing on by Peyman Nasibi with Pacific Nozzle. Consent to enter, inspect and take photographs was given on this date by CASHIER Testing was conducted by Peyman Nasibi with Pacific Nozzle. Tester provided the following certifications: ICC: 8080484 EXP: 07/12/2020 INCON TS-ST5 LEVEL: 1619733702 Exp: 10/23/20 Witnessed successful 15 minute Incon tests of Tank 1 = 87 and Tank 2 = 91 STP and Fill Sumps. Verified new piping and electrical penetrations installed in 87 STP. Signed signature box of 8 1/2 x 11 copies of permit packet provided by Cashier. No [Truncated]

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-06-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: OVERDUE FACILITY INSPECTION - ON SITE REVIEW OF UST DOCUMENTATION INCLUDING LAST 12 DO REPORTS BY DIANE FOWLER AND REQUIRED TESTING REPORTS: MC = 08-21-14, 08-13-13, 08-22-12 PACIFIC NOZZLE 989 = 10-15-13 10-21-10 SHANCOR PER CERS SUBMITTAL 02-22-15, MONITORING PLAN AND MONITORING CERTIFICATION REPORTS 2 20K TRUSCO TANKS 87 AND 91. 04-01-98. FLAPPERS. TLS-350. ANNULARS = 409S. SUMPS AND UDCS = 208S. MLLDs = FE PETRO STP. UNABLE TO VIEW SUMPS AND UDC's. CONTACTED TESTER PEYMAN NASIBI WHILE ON SITE TO ATTEMPT TO ARRANGE TIME TO OPEN SYSTEM TO CONFIRM SENSOR PLACEMENT AND MONITORING PLAN ACCURACY. PEYMAN WILL CALL TO ADVISE NEXT TIME HE IS ON SITE.

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-06-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: PERMISSION TO INSPECT GRANTED BY CASHIER HOSSASIN RANO. VERIFIED INFO ON BP-1 AND INSPECTED INVENTORY ON BP-8 WITH MR RANO. NO CHANGES. ALSO VERIFIED CUPA PERMIT AND ELECTRONIC SUBMITTAL OF HMBP INTO CERS



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RIVKAH INC (Continued)

S113145913

02-22-14. NO VIOLATIONS FOUND  
Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-14-2013  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Inspected by M Mekasha, HMS III Consent by A Rano  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-18-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: LAFD Inspector Mungaray on site this date to complete routine inspection of hazardous materials business plan (HMBP) facility. Consent to enter, inspect and take photographs was given on this date by MANAGER SANJOY GHOSH. DOCUMENT REVIEW OF CERS HAZ MAT SUBMITTAL OF 11/02/2017. WALKED SITE AND COMPARED CONTINGENCY PLAN, SITE MAP AND INVENTORY OF GAS STATION TO CERS. VERIFIED EMPLOYEE TRAINING CONDUCTED AND RECORD MAINTAINED. COMPLIANCE ISSUES: 1) OBSERVATION: Post repair Secondary containment Testing was completed on this date. Facility states that the 4 x 55 GAL DRUMS FOR HAZ LIQUID normally stored at facility were mistakenly taken away by Haz Waste Servicing Company and no drums are currently available on site to store. CORRECTION: CERS Haz Mat Inventory is missing the 4 x 55 GAL DRUMS FOR HAZ LIQUID normally stored at facility. Facility states that drums were taken away by Haz Waste Servicing Company. , 12 x 17 lbs (1,768 cu ft) steel cylinders of propane in steel [Truncated]

Eval Division: Los Angeles City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-18-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: LAFD Inspector Mungaray on site this date to complete routine inspection of hazardous materials business plan (HMBP) facility. Post repair Secondary containment Testing was also completed on this date. Consent to enter, inspect and take photographs was given on this date by MANAGER SANJOY GHOSH. DOCUMENT REVIEW OF CERS HAZ MAT SUBMITTAL OF 11/02/2017. WALKED SITE AND COMPARED CONTINGENCY PLAN, SITE MAP AND INVENTORY OF GAS STATION TO CERS. VERIFIED EMPLOYEE TRAINING CONDUCTED AND RECORD MAINTAINED. COMPLIANCE ISSUES: 1) OBSERVATION: Facility states that the 4 x 55 GAL DRUMS FOR HAZ LIQUID normally stored at facility were mistakenly taken away by Haz Waste Servicing Company and no drums are currently available on site to store. CORRECTIVE ACTION: Remained on site while contractor picked up 4 new 55-gal plastic drums for storage of hazardous liquids and placed test water in drums. Corrected on site. 2) OBSERVATION: CERS Haz Mat Inventory is missing 4 x 55 [Truncated]

Eval Division: Los Angeles City Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 07-23-2014  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-07-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewed received secondary containment system results for testing conducted on 07-15-19 by Peyman Nasibi with Pacific Nozzle. Confirmed results were scanned/ downloaded and/or attached in Envision. Also confirmed testing/inspection procedure were provided. No failures noted on report.  
Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-07-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: LAFD Inspector Mungaray, on site this date to complete routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by MANAGER SANJOY GHOSH. Monitoring system certification WAS conducted at this time. Monitoring certification WAS performed by PEYMAN NASIBI. PACIFIC NOZZLE. . Tester provided the following certifications: ICC: 8469035 EXP: 07/12/2020 VR - B39969 EXP: 9-26-2020 VMI - 2834 EXP: 1/6/2021 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was available to compare to the equipment on site. The operation of the UST system was compared to the conditions of the operating permit. Tank Operator: HEZGHIA ES-HAGHIAN (ALSO [Truncated])  
Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-10-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: LAFD Inspector Mungaray, on site this date to complete routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by MANAGER SANJOY GHOSH. Monitoring system certification WAS conducted at this time. Monitoring certification WAS performed by PEYMAN NASIBI. PACIFIC NOZZLE. . Tester

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RIVKAH INC (Continued)

S113145913

provided the following certifications: ICC: 8080484 EXP: 07-10-20 VR - B39969 EXP: 10-13-18 VMI - 2834 EXP: 01-22-19 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was available to compare to the equipment on site. The operation of the UST system was compared to the conditions of the operating permit. Tank Operator: HEZGHIA ES-HAGHIAN (ALSO PRESIDENT [Truncated])

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-11-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes:

REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET RESULTS FOR TESTING CONDUCTED ON 08-12-16 BY PEYMAN NASIBI WITH PACIFIC NOZZLE. CONFIRMED REQUESTED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT. REVIEWED RECEIVED SECONDARY CONTAINMENT SYSTEM RESULTS FOR TESTING CONDUCTED ON 10-13-16 BY PEYMAN NASIBI WITH PACIFIC NOZZLE. CONFIRMED RESULTS SCANNED/ DOWNLOADED AND ATTACHED IN ENVISION. FAILURES NOTED IN 91 FILL SUMP & 91 PRODUCT SECONDARY PIPING. NOV ISSUED.

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-11-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes:

LAFD Inspector Mungaray, on site this date to complete routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by CASHIER ABE DESTA. Monitoring system certification WAS conducted at this time. Monitoring certification WAS performed by PEYMAN NASIBI. PACIFIC NOZZLE. . Tester provided the following certifications: ICC: 8080484 EXP: 07-08-18 VR = B39969 EXP: 10-13-18 VMI = 2834 EXP: 01-22-19 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was available to compare to the equipment on site. The operation of the UST system was compared to the conditions of the operating permit. Tank Operator: HEZGHIA ES-HAGHIAN (ALSO PRESIDENT OF [Truncated])

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-12-2016  
Violations Found: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RIVKAH INC (Continued)

S113145913

Eval Type: Routine done by local agency  
Eval Notes: LAFD Inspector Mungaray, on site this date to complete routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by CASHIER ALI KHAN. Monitoring system certification WAS conducted at this time. Monitoring certification WAS performed by PEYMAN NASIBI. PACIFIC NOZZLE. . Tester provided the following certifications: ICC: 8080484 EXP: 07-08-18. VR = B39969 EXP: 10-06-16 VMI = 2834 EXP: 01-14-17 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was available to compare to the equipment on site. The operation of the UST system was compared to the conditions of the operating permit. Property Owner: RIVKAH INC Tank Owner: RIVKAH [Truncated]

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-13-2013  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-29-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewed Revised results for Overfill Prevention Equipment Inspection conducted on 08-07-19 by Peyman Nasibi with Pacific Nozzle. Confirmed results were scanned/ downloaded and/or attached in Envision. Also confirmed tank charts, written testing procedures and other documentation was attached. No failures noted on report. Approved Overfill is Flappers at 95%. Confirmed that Ball Floats were removed. Reviewed received annual monitoring system certification results for testing conducted on 08-07-19 by Peyman Nasibi with Pacific Nozzle. Confirmed requested results were received/scanned/downloaded and/or attached in Envision. No failures noted on report. Reviewed received spill bucket results for testing conducted on 08-07-19 by Peyman Nasibi with Pacific Nozzle. Confirmed results were scanned/ downloaded and/or attached in Envision. Also confirmed testing/inspection procedure were provided. No failures noted on report.

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-05-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: NOV Follow Up. Reviewed and accepted CERS ID 10248667 UST Submittal of 8/28/2019. Confirmed the following CERS updates were completed: 1.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

Update tank monitoring in CERS to state G NOG to UDC monitoring stops flow at dispenser. 2. Update Facility Permit Application, Tank Information in CERS to list Tank Manufacturer as Owens Corning. Confirmed receipt of signed DO Reports and Invoice for \$762 payment for Cold Start Permit SR0033444 for Monitoring System Certification Test by Pacific Nozzle witnessed on 08/07/2019. Assigned RTC Qualifiers in EC/ECR and emailed Owner and D.O. to advise of Return to Compliance. Emailed Owner-Operator and President of RIVKAH INC, HEZGHIA ES-HAGHIAN AT hezyeshaghian@yahoo.com and D.O. Dianne Fowler at cnsassoc@aol.com.

Eval Division: Los Angeles City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-27-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Leh Anwar, Store Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-24-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Ali Kahan, Cashier  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 12-10-2019  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Abe Desta, Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Coordinates:  
Site ID: 148382  
Facility Name: RIVKAH INC  
Env Int Type Code: HWG  
Program ID: 10248667  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.992960  
Longitude: -118.300540

Affiliation:  
Affiliation Type Desc: Operator  
Entity Name: HEZY ES-HAGHIAN  
Entity Title: Not reported  
Affiliation Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (818) 262-2003

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles City Fire Department  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Room 1780  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90012  
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Parent Corporation  
Entity Name: RIVKAH INC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: UST Tank Owner  
Entity Name: RIVKAH INC.  
Entity Title: Not reported  
Affiliation Address: 5407 S. NORMANDIE AVE.  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90037  
Affiliation Phone: (818) 262-2003

Affiliation Type Desc: Document Preparer  
Entity Name: Dianne Fowler  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 5407 S NORMANDIE AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90037  
Affiliation Phone: Not reported

Affiliation Type Desc: UST Property Owner Name

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

Entity Name: RIVKAH INC.  
Entity Title: Not reported  
Affiliation Address: 5407 S. NORMANDIE AVE.  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90037  
Affiliation Phone: (323) 758-2181

Affiliation Type Desc: UST Tank Operator  
Entity Name: HEZY ES-HAGHIAN  
Entity Title: Not reported  
Affiliation Address: 5407 S. NORMANDIE AVE.  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90037  
Affiliation Phone: (818) 262-2003

Affiliation Type Desc: Environmental Contact  
Entity Name: HEZY ES-HAGHIAN  
Entity Title: Not reported  
Affiliation Address: 5407 S NORMANDIE AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90037  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: HEZY ES-HAGHIAN  
Entity Title: President / Operator  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: RIVKAH INC.  
Entity Title: Not reported  
Affiliation Address: 5407 S NORMANDIE AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90037  
Affiliation Phone: (323) 758-2181

Affiliation Type Desc: Property Owner  
Entity Name: RIVKAH INC  
Entity Title: Not reported  
Affiliation Address: 5407 S NORMANDIE AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90037

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**S113145913**

Affiliation Phone: (323) 758-2181  
  
Affiliation Type Desc: UST Permit Applicant  
Entity Name: HEZY ES-HAGHIAN  
Entity Title: OWNER / OPERATOR  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (323) 758-2181

**HWTS:**

Name: RIVKAH INC  
Address: 5407 S NORMANDIE AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 90037  
EPA ID: CAL000315380  
Inactive Date: Not reported  
Create Date: 01/12/2007  
Last Act Date: 09/03/2019  
Mailing Name: Not reported  
Mailing Address: 5407 S NORMANDIE AVE  
Mailing Address 2: Not reported  
Mailing City,State,Zip: LOS ANGELES, CA 900370000  
Owner Name: RIVKAH INC  
Owner Address: 5407 S NORMANDIE AVE  
Owner Address 2: Not reported  
Owner City,State,Zip: LOS ANGELES, CA 900370000  
Contact Name: HEZGHIA ES-HAGHIAN  
Contact Address: 5407 S NORMANDIE AVE  
Contact Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 90037

**NAICS:**

EPA ID: CAL000315380  
Create Date: 2007-01-12 16:18:32.903  
NAICS Code: 44719  
NAICS Description: Other Gasoline Stations  
Issued EPA ID Date: 2007-01-12 16:18:32.85700  
Inactive Date: Not reported  
Facility Name: RIVKAH INC  
Facility Address: 5407 S NORMANDIE AVE  
Facility Address 2: Not reported  
Facility City: LOS ANGELES  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 90037



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**L73**      **N.S. SERVICE**  
**NNW**      **5407 S NORMANDIE AVE**  
**1/8-1/4**    **LOS ANGELES, CA 90037**  
**0.244 mi.**  
**1289 ft.**    **Site 3 of 8 in cluster L**

**UST**      **U003781522**  
              **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**140 ft.**

UST:  
Name: RIVKAH INC  
Address: 5407 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: Not reported  
Permitting Agency: Los Angeles City Fire Department  
Latitude: 33.99296  
Longitude: -118.30054  
  
Name: RIVKAH INC  
Address: 5407 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: FA0022930  
Permitting Agency: Los Angeles City Fire Department  
Latitude: 33.99296  
Longitude: -118.30054  
  
Name: N.S. SERVICE  
Address: 5407 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: 25251  
Permitting Agency: LOS ANGELES, CITY OF  
Latitude: 33.9943059  
Longitude: -118.299188

LOS ANGELES UST:  
Name: RIVKAH INC  
Address: 5407 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: FA0022930  
Last Run Date: 06/01/2019  
Status: ACTIVE

**L74**      **N.S SERVICE**  
**NNW**      **5407 S NORMANDIE AVE**  
**1/8-1/4**    **LOS ANGELES, CA 90037**  
**0.244 mi.**  
**1289 ft.**    **Site 4 of 8 in cluster L**

**SWEEPS UST**    **S101584345**  
**CA FID UST**    **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**140 ft.**

SWEEPS UST:  
Name: N.S SERVICE  
Address: 5407 S NORMANDIE AVE  
City: LOS ANGELES  
Status: Active  
Comp Number: 553  
Number: 9  
Board Of Equalization: 44-011269  
Referral Date: 09-22-93  
Action Date: 03-15-94  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000553-000001  
Tank Status: A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**N.S SERVICE (Continued)**

**S101584345**

Capacity: 8000  
Active Date: 04-20-88  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 5

Name: N.S SERVICE  
Address: 5407 S NORMANDIE AVE  
City: LOS ANGELES  
Status: Active  
Comp Number: 553  
Number: 9  
Board Of Equalization: 44-011269  
Referral Date: 09-22-93  
Action Date: 03-15-94  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000553-000002  
Tank Status: A  
Capacity: 8000  
Active Date: 04-20-88  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Name: N.S SERVICE  
Address: 5407 S NORMANDIE AVE  
City: LOS ANGELES  
Status: Active  
Comp Number: 553  
Number: 9  
Board Of Equalization: 44-011269  
Referral Date: 09-22-93  
Action Date: 03-15-94  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000553-000003  
Tank Status: A  
Capacity: 10000  
Active Date: 04-20-88  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Name: N.S SERVICE  
Address: 5407 S NORMANDIE AVE  
City: LOS ANGELES  
Status: Active  
Comp Number: 553  
Number: 9  
Board Of Equalization: 44-011269  
Referral Date: 09-22-93  
Action Date: 03-15-94  
Created Date: 02-29-88

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**N.S SERVICE (Continued)**

**S101584345**

Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000553-000004  
Tank Status: A  
Capacity: Not reported  
Active Date: 04-20-88  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

Name: N.S SERVICE  
Address: 5407 S NORMANDIE AVE  
City: LOS ANGELES  
Status: Active  
Comp Number: 553  
Number: 9  
Board Of Equalization: 44-011269  
Referral Date: 09-22-93  
Action Date: 03-15-94  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000553-000005  
Tank Status: A  
Capacity: Not reported  
Active Date: 04-20-88  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

**CA FID UST:**

Facility ID: 19010697  
Regulated By: UTNKA  
Regulated ID: 00005238  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2139578088  
Mail To: Not reported  
Mailing Address: 5407 S NORMANDIE AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900370000  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**L75**  
**NNW**  
**1/8-1/4**  
**0.244 mi.**  
**1289 ft.**

**STATION 094**  
**5407 S NORMANDIE**  
**LOS ANGELES, CA 90037**

**Site 5 of 8 in cluster L**

**HIST UST**    **U001561464**  
**N/A**

**Relative:**  
**Lower**

**Actual:**  
**140 ft.**

**HIST UST:**

Name: STATION 094  
Address: 5407 S NORMANDIE  
City,State,Zip: LOS ANGELES, CA 90037  
File Number: 000269CE  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000269CE.pdf>  
Region: STATE  
Facility ID: 00000005238  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: 2139275339  
Owner Name: CALIFORNIA TARGET ENTERPRISES,  
Owner Address: 12739 LAKEWOOD BLVD.  
Owner City,St,Zip: DOWNEY, CA 90242  
Total Tanks: 0005

Tank Num: 001  
Container Num: 941  
Year Installed: Not reported  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 942  
Year Installed: Not reported  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 943  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 944  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STATION 094 (Continued)**

**U001561464**

Tank Num: 005  
 Container Num: 945  
 Year Installed: Not reported  
 Tank Capacity: 00000000  
 Tank Used for: WASTE  
 Type of Fuel: WASTE OIL  
 Container Construction Thickness: Not reported  
 Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

**L76  
 NNW  
 1/8-1/4  
 0.244 mi.  
 1289 ft.**

**RIVKAH INC  
 5407 S NORMANDIE AVE  
 LOS ANGELES, CA 90037**

**RCRA NonGen / NLR**

**1024815871  
 CAL000315380**

**Site 6 of 8 in cluster L**

**Relative:  
 Lower  
 Actual:  
 140 ft.**

RCRA NonGen / NLR:  
 Date Form Received by Agency: 2007-01-12 00:00:00.0  
 Handler Name: RIVKAH INC  
 Handler Address: 5407 S NORMANDIE AVE  
 Handler City,State,Zip: LOS ANGELES, CA 90037  
 EPA ID: CAL000315380  
 Contact Name: HEZGHIA ES-HAGHIAN  
 Contact Address: 5407 S NORMANDIE AVE  
 Contact City,State,Zip: LOS ANGELES, CA 90037  
 Contact Telephone: 323-758-2181  
 Contact Fax: Not reported  
 Contact Email: HEZYESHAGHIAN@YAHOO.COM  
 Contact Title: Not reported  
 EPA Region: 09  
 Land Type: Not reported  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: 5407 S NORMANDIE AVE  
 Mailing City,State,Zip: LOS ANGELES, CA 90037-0000  
 Owner Name: RIVKAH INC  
 Owner Type: Other  
 Operator Name: HEZGHIA ES-HAGHIAN  
 Operator Type: Other  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No  
 Off-Site Waste Receipt: No  
 Universal Waste Indicator: Yes  
 Universal Waste Destination Facility: Yes  
 Federal Universal Waste: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RIVKAH INC (Continued)**

**1024815871**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRAs Permit Baseline:	Not on the Baseline
2018 GPRAs Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRAs Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:28:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

**Handler - Owner Operator:**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RIVKAH INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5407 S NORMANDIE AVE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90037-0000
Owner/Operator Telephone:	323-758-2181
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVKAH INC (Continued)**

**1024815871**

Owner/Operator Indicator: Operator  
Owner/Operator Name: HEZGHIA ES-HAGHIAN  
Legal Status: Other  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 5407 S NORMANDIE AVE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90037  
Owner/Operator Telephone: 323-758-2181  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2007-01-12 00:00:00.0  
Handler Name: RIVKAH INC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44719  
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**L77  
NNW  
1/8-1/4  
0.244 mi.  
1289 ft.**

**JOHN'S SMOG & AUTO REPAIR  
5407 S. NORMANDIE AVE  
LOS ANGELES, CA 90037  
Site 7 of 8 in cluster L**

**RCRA-SQG 1000306591  
FINDS CAD982317661  
ECHO**

**Relative:  
Lower**

RCRA-SQG:  
Date Form Received by Agency: 1988-03-03 00:00:00.0  
Handler Name: JOHN'S SMOG & AUTO REPAIR  
Handler Address: 5407 S. NORMANDIE AVE  
Handler City,State,Zip: LOS ANGELES, CA 90037  
EPA ID: CAD982317661  
Contact Name: ENVIRONMENTAL MANAGER  
Contact Address: 5407 S. NORMANDIE AVE  
Contact City,State,Zip: LOS ANGELES, CA 90037  
Contact Telephone: 213-778-3276  
Contact Fax: Not reported  
Contact Email: Not reported  
Contact Title: Not reported

**Actual:  
140 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**JOHN'S SMOG & AUTO REPAIR (Continued)**

**1000306591**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4R
Mailing Address:	S. NORMANDIE AVE
Mailing City,State,Zip:	LOS ANGELES, CA 90037
Owner Name:	THOMAS CHO
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN'S SMOG & AUTO REPAIR (Continued)**

**1000306591**

Significant Non-Complier Universe: No  
Unaddressed Significant Non-Complier Universe: No  
Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No  
Financial Assurance Required: Not reported  
Handler Date of Last Change: 2000-09-15 17:30:09.0  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: NOT REQUIRED  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: THOMAS CHO  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1988-03-03 00:00:00.0  
Handler Name: JOHN'S SMOG & AUTO REPAIR  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**JOHN'S SMOG & AUTO REPAIR (Continued)**

**1000306591**

Facility Has Received Notices of Violations:  
 Violations: No Violations Found

Evaluation Action Summary:  
 Evaluations: No Evaluations Found

FINDS:  
 Registry ID: 110002792309

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:  
 Envid: 1000306591  
 Registry ID: 110002792309  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002792309>  
 Name: JOHN'S SMOG & AUTO REPAIR  
 Address: 5407 S. NORMANDIE AVE  
 City,State,Zip: LOS ANGELES, CA 90037

**O78**  
**SSW**  
**1/8-1/4**  
**0.247 mi.**  
**1302 ft.**

**DANIEL AUTO REPAIR**  
**6001 S NORMANDIE AVE STE B**  
**LOS ANGELES, CA 90044**

**RCRA NonGen / NLR**

**1024869870**  
**CAL000438494**

**Site 1 of 3 in cluster O**

**Relative:**  
**Lower**  
**Actual:**  
**139 ft.**

RCRA NonGen / NLR:  
 Date Form Received by Agency: 2020-06-15 00:00:00.0  
 Handler Name: DANIEL AUTO REPAIR  
 Handler Address: 6001 S NORMANDIE AVE STE B  
 Handler City,State,Zip: LOS ANGELES, CA 90044-2703  
 EPA ID: CAL000438494  
 Contact Name: TANIA PATRICIA RAMIREZ  
 Contact Address: 6001 S NORMANDIE AVE STE B  
 Contact City,State,Zip: LOS ANGELES, CA 90044-2703  
 Contact Telephone: 213-909-4571  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 09  
 Land Type: Not reported  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DANIEL AUTO REPAIR (Continued)**

**1024869870**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6001 S NORMANDIE AVE STE B
Mailing City, State, Zip:	LOS ANGELES, CA 90044-2703
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	TANIA PATRICIA RAMIREZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-06-16 14:54:09.0
Recognized Trader-Importer:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DANIEL AUTO REPAIR (Continued)**

**1024869870**

Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: No  
Manifest Broker: No  
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: TANIA PATRICIA RAMIREZ  
Legal Status: Other  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 6001 S NORMANDIE AVE STE B  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90044-2703  
Owner/Operator Telephone: 213-909-4571  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: TANIA PATRICIA RAMIREZ  
Legal Status: Other  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 6001 S NORMANDIE AVE STE B  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90044-2703  
Owner/Operator Telephone: 213-909-4571  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: TANIA PATRICIA RAMIREZ  
Legal Status: Other  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 6001 S NORMANDIE AVE STE B  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90044-2703  
Owner/Operator Telephone: 213-909-2788  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2020-06-15 00:00:00.0  
Handler Name: DANIEL AUTO REPAIR  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DANIEL AUTO REPAIR (Continued)**

**1024869870**

Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2018-08-17 00:00:00.0
Handler Name:	DANIEL AUTO REPAIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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**O79**  
**SSW**  
 1/8-1/4  
 0.247 mi.  
 1302 ft.

**LORENZO'S SMOG CHECK & REPAIR**  
**6001 S NORMANDIE AVE**  
**LOS ANGELES, CA 90044**

**HAZMAT** **S123549506**  
**N/A**

Site 2 of 3 in cluster O

**Relative:**  
**Lower**  
**Actual:**  
**139 ft.**

LOS ANGELES HM:	
Name:	LORENZO'S SMOG CHECK & REPAIR
Address:	6001 S NORMANDIE AVE
City,State,Zip:	LOS ANGELES, CA 90044
Facility ID:	FA0025850
Last Run Date:	06/01/2019
Status:	INACTIVE

**O80**  
**SSW**  
 1/8-1/4  
 0.247 mi.  
 1302 ft.

**LORENZO'S TEST ONLY**  
**6001 S NORMANDIE AVE**  
**LOS ANGELES, CA 90044**

**HAZMAT** **S123550245**  
**N/A**

Site 3 of 3 in cluster O

**Relative:**  
**Lower**  
**Actual:**  
**139 ft.**

LOS ANGELES HM:	
Name:	LORENZO'S TEST ONLY
Address:	6001 S NORMANDIE AVE
City,State,Zip:	LOS ANGELES, CA 90044
Facility ID:	FA0030057
Last Run Date:	06/01/2019
Status:	INACTIVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**L81**  
**NNW**  
**1/8-1/4**  
**0.248 mi.**  
**1308 ft.**

**SPEEDWERKS**  
**5422 S NORMANDIE AVE**  
**LOS ANGELES, CA 90037**  
**Site 8 of 8 in cluster L**

**HAZMAT** **S123552477**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**141 ft.**

LOS ANGELES HM:  
Name: SPEEDWERKS  
Address: 5422 S NORMANDIE AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: FA0038508  
Last Run Date: 06/01/2019  
Status: INACTIVE

**82**  
**West**  
**1/4-1/2**  
**0.312 mi.**  
**1647 ft.**

**SLAUSON 1 HR PHOTO & STUDIO**  
**1600 W SLAUSON AVE P 29**  
**LOS ANGELES, CA 90047**

**ENVIROSTOR** **S113049407**  
**HAZNET** **N/A**  
**HWTS**

**Relative:**  
**Lower**  
**Actual:**  
**138 ft.**

ENVIROSTOR:  
Name: SLAUSON SUPER MALL  
Address: 1600 WEST SLAUSON AVENUE  
City,State,Zip: LOS ANGELES, CA 90047  
Facility ID: 60003030  
Status: Inactive - Action Required  
Status Date: 09/07/2020  
Site Code: 301914  
Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: 0.24  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Folashade Simpson  
Supervisor: Juli Propes  
Division Branch: Cleanup Chatsworth  
Assembly: 59  
Senate: 30  
Special Program: Voluntary Cleanup Program  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 0  
Longitude: 0  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 301914  
Alias Type: Project Code (Site Code)  
Alias Name: 60003030  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Application  
Completed Date: 04/23/2019

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON 1 HR PHOTO & STUDIO (Continued)**

**S113049407**

Comments: DTSC lead agency determination made

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**HAZNET:**

Name: SLAUSON 1 HR PHOTO & STUDIO  
Address: 1600 W SLAUSON AVE P 29  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900470000  
Contact: --  
Telephone: --  
Mailing Name: Not reported  
Mailing Address: 3836 MERIT PL

Year: 1999  
Gepaid: CAL000072572  
TSD EPA ID: CAD981429673  
CA Waste Code: 541 - Photochemicals/photoprocessing waste  
Disposal Method: R01 - Recycler  
Tons: 0.1251

Year: 1998  
Gepaid: CAL000072572  
TSD EPA ID: CAT080013352  
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more  
Disposal Method: R01 - Recycler  
Tons: 2.627

Year: 1998  
Gepaid: CAL000072572  
TSD EPA ID: CAD981402522  
CA Waste Code: 541 - Photochemicals/photoprocessing waste  
Disposal Method: R01 - Recycler  
Tons: 0.5628

Year: 1997  
Gepaid: CAL000072572  
TSD EPA ID: CAD981402522  
CA Waste Code: 541 - Photochemicals/photoprocessing waste  
Disposal Method: R01 - Recycler  
Tons: 0.1668

Year: 1996  
Gepaid: CAL000072572  
TSD EPA ID: CAT000613976  
CA Waste Code: 541 - Photochemicals/photoprocessing waste  
Disposal Method: H01 - Transfer Station  
Tons: 0.2668

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON 1 HR PHOTO & STUDIO (Continued)**

**S113049407**

Year: 1995  
Gepaid: CAL000072572  
TSD EPA ID: CAT000613976  
CA Waste Code: 541 - Photochemicals/photoprocessing waste  
Disposal Method: H01 - Transfer Station  
Tons: 0.2502

Year: 1994  
Gepaid: CAL000072572  
TSD EPA ID: CAD982524613  
CA Waste Code: 541 - Photochemicals/photoprocessing waste  
Disposal Method: R01 - Recycler  
Tons: 0.2502

Year: 1993  
Gepaid: CAL000072572  
TSD EPA ID: CAD982524613  
CA Waste Code: 541 - Photochemicals/photoprocessing waste  
Disposal Method: R01 - Recycler  
Tons: 0.2502

Year: 1992  
Gepaid: CAL000072572  
TSD EPA ID: CAD982524613  
CA Waste Code: 541 - Photochemicals/photoprocessing waste  
Disposal Method: R01 - Recycler  
Tons: 0.1251

Additional Info:

Year: 1997  
Gen EPA ID: CAL000072572

Shipment Date: 19970618  
Creation Date: 12/4/1997 0:00:00  
Receipt Date: 19970620  
Manifest ID: 96755465  
Trans EPA ID: CAD982433575  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSD EPA ID: CAD981402522  
Trans Name: Not reported  
TSD EPA ID: Not reported  
TSD EPA Name: Not reported  
Waste Code Description: 541 - Photochemicals / photo processing waste  
RCRA Code: D011  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1668  
Waste Quantity: 40  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON 1 HR PHOTO & STUDIO (Continued)**

**S113049407**

Additional Info:

Year: 1996  
Gen EPA ID: CAL000072572  
  
Shipment Date: 19961127  
Creation Date: 9/12/1997 0:00:00  
Receipt Date: 19961209  
Manifest ID: 96458928  
Trans EPA ID: ILD984908202  
Trans Name: Not reported  
Trans 2 EPA ID: ILD984908202  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000613976  
TSDf Alt Name: Not reported  
Waste Code Description: 541 - Photochemicals / photo processing waste  
RCRA Code: D011  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.2668  
Waste Quantity: 64  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1999  
Gen EPA ID: CAL000072572  
  
Shipment Date: 19990511  
Creation Date: 7/13/1999 0:00:00  
Receipt Date: 19990521  
Manifest ID: 98118523  
Trans EPA ID: CAD981429673  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD981429673  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD981429673  
TSDf Alt Name: Not reported  
Waste Code Description: 541 - Photochemicals / photo processing waste  
RCRA Code: D011  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1251  
Waste Quantity: 30  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SLAUSON 1 HR PHOTO & STUDIO (Continued)

S113049407

Additional Info:

Year:	1998
Gen EPA ID:	CAL000072572
Shipment Date:	19981214
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981217
Manifest ID:	98473509
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981402522
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981402522
TSDf Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980902
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19980902
Manifest ID:	98167528
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980811
Creation Date:	10/20/1998 0:00:00
Receipt Date:	19980811
Manifest ID:	98168335
Trans EPA ID:	CAD028277036

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON 1 HR PHOTO & STUDIO (Continued)**

**S113049407**

Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.3127  
Waste Quantity: 75  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19980729  
Creation Date: 10/1/1998 0:00:00  
Receipt Date: 19980730  
Manifest ID: 98168231  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.6255  
Waste Quantity: 150  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19980630  
Creation Date: 9/15/1998 0:00:00  
Receipt Date: 19980701  
Manifest ID: 98162499  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues  
RCRA Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON 1 HR PHOTO & STUDIO (Continued)**

**S113049407**

Meth Code:	R01 - Recycler
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980615
Creation Date:	9/3/1998 0:00:00
Receipt Date:	19980618
Manifest ID:	97265635
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980527
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980527
Manifest ID:	98003728
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.5421
Waste Quantity:	130
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON 1 HR PHOTO & STUDIO (Continued)**

**S113049407**

Shipment Date: 19980113  
Creation Date: 3/31/1998 0:00:00  
Receipt Date: 19980115  
Manifest ID: 97291542  
Trans EPA ID: CAD982433575  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD981402522  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD981402522  
TSDf Alt Name: Not reported  
Waste Code Description: 541 - Photochemicals / photo processing waste  
RCRA Code: D011  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1876  
Waste Quantity: 45  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1995  
Gen EPA ID: CAL000072572

Shipment Date: 19951016  
Creation Date: 7/26/1996 0:00:00  
Receipt Date: 19951019  
Manifest ID: 95625585  
Trans EPA ID: ILD984908202  
Trans Name: Not reported  
Trans 2 EPA ID: ILD984908202  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 541 - Photochemicals / photo processing waste  
RCRA Code: D011  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.1251  
Waste Quantity: 30  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19950329  
Creation Date: 3/29/1996 0:00:00  
Receipt Date: 19950329  
Manifest ID: 95035305  
Trans EPA ID: ILD984908202

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON 1 HR PHOTO & STUDIO (Continued)**

**S113049407**

Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000613976  
TSDf Alt Name: Not reported  
Waste Code Description: 541 - Photochemicals / photo processing waste  
RCRA Code: D011  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.1251  
Waste Quantity: 30  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1994  
Gen EPA ID: CAL000072572

Shipment Date: 19940830  
Creation Date: 3/26/1996 0:00:00  
Receipt Date: 19940906  
Manifest ID: 93589005  
Trans EPA ID: CAD982524613  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD982524613  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 541 - Photochemicals / photo processing waste  
RCRA Code: D011  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1251  
Waste Quantity: 30  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19940301  
Creation Date: 9/15/1995 0:00:00  
Receipt Date: 19940307  
Manifest ID: 93179732  
Trans EPA ID: CAD982524613  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD982524613  
Trans Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON 1 HR PHOTO & STUDIO (Continued)**

**S113049407**

TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 541 - Photochemicals / photo processing waste  
RCRA Code: D011  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1251  
Waste Quantity: 30  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1993  
Gen EPA ID: CAL000072572

Shipment Date: 19930706  
Creation Date: 9/9/1995 0:00:00  
Receipt Date: 19930708  
Manifest ID: 93179296  
Trans EPA ID: CAD982524613  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD982524613  
Trans Name: Not reported  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 541 - Photochemicals / photo processing waste  
RCRA Code: D011  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1251  
Waste Quantity: 30  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19930113  
Creation Date: 9/5/1995 0:00:00  
Receipt Date: 19930115  
Manifest ID: 92425806  
Trans EPA ID: CAD982524613  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD982524613  
Trans Name: Not reported  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 541 - Photochemicals / photo processing waste  
RCRA Code: Not reported  
Meth Code: R01 - Recycler

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLAUSON 1 HR PHOTO & STUDIO (Continued)**

**S113049407**

Quantity Tons: 0.1251  
Waste Quantity: 30  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**HWTS:**

Name: SLAUSON 1 HR PHOTO & STUDIO  
Address: 1600 W SLAUSON AVE P 29  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900470000  
EPA ID: CAL000072572  
Inactive Date: 06/30/1998  
Create Date: 09/17/1992  
Last Act Date: 06/16/1998  
Mailing Name: Not reported  
Mailing Address: 3836 MERIT PL  
Mailing Address 2: Not reported  
Mailing City,State,Zip: TORRANCE, CA 905053607  
Owner Name: KIM CLARE  
Owner Address: --  
Owner Address 2: Not reported  
Owner City,State,Zip: --, 99 --  
Contact Name: --  
Contact Address: INACT PER NONDELIVERABLE VQ98 NK  
Contact Address 2: Not reported  
City,State,Zip: --, 99 --

**83  
NE  
1/4-1/2  
0.424 mi.  
2241 ft.**

**D & R RECYCLING  
5219 S VERMONT AVE  
LOS ANGELES, CA 90037**

**SWRCY S107136853  
N/A**

**Relative:  
Higher  
Actual:  
150 ft.**

SWRCY:  
Name: D & R RECYCLING  
Address: 5219 S VERMONT AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Reg Id: 255039  
Cert Id: RC255039.001  
Mailing Address: 2360 Jupiter Dr  
Mailing City: Los Angeles  
Mailing State: CA  
Mailing Zip Code: 90046  
Website: Not reported  
Email: Not reported  
Phone Number: (818) 262-1300  
Rural: N  
Operation Begin Date: 01/18/2017  
Aluminium: Y  
Glass: Y  
Plastic: Y  
Bimetal: Y  
Hours of Operation: Mon - Sat 8:00 am - 5:00 pm; Sun 9:00 am - 3:00 pm



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**D & R RECYCLING (Continued)**

**S107136853**

Organization ID: 253166  
 Organization Name: LA Fibers Inc

**P84  
 SE  
 1/4-1/2  
 0.443 mi.  
 2339 ft.**

**TORRES RECYCLING  
 6111 S VERMONT AVE  
 LOS ANGELES, CA 90044**

**SWRCY S109291952  
 N/A**

**Site 1 of 3 in cluster P**

**Relative:  
 Higher  
 Actual:  
 143 ft.**

SWRCY:  
 Name: TORRES RECYCLING  
 Address: 6111 S VERMONT AVE  
 City,State,Zip: LOS ANGELES, CA 90044  
 Reg Id: 247485  
 Cert Id: RC247485.001  
 Mailing Address: 5337 Ascot Ave  
 Mailing City: Los Angeles  
 Mailing State: CA  
 Mailing Zip Code: 90011  
 Website: Not reported  
 Email: mariatorres2013.mt45@gmail.com  
 Phone Number: (323) 571-5819  
 Rural: N  
 Operation Begin Date: 08/05/2016  
 Aluminium: Y  
 Glass: Y  
 Plastic: Y  
 Bimetal: Y  
 Hours of Operation: Mon - Sat 8:00 am - 4:00 pm; Sun 8:00 am - 2:00 pm  
 Organization ID: 245269  
 Organization Name: Torres Recycling

**P85  
 SE  
 1/4-1/2  
 0.462 mi.  
 2437 ft.**

**FORMER TARGET SERVICE STATION  
 6121 VERMONT AVENUE  
 LOS ANGELES, CA 90044**

**LUST S104570427  
 Cortese N/A  
 CERS**

**Site 2 of 3 in cluster P**

**Relative:  
 Higher  
 Actual:  
 142 ft.**

LUST:  
 Name: FORMER TARGET SERVICE STATION  
 Address: 6121 VERMONT AVENUE  
 City,State,Zip: LOS ANGELES, CA 90044  
 Lead Agency: LOS ANGELES RWQCB (REGION 4)  
 Case Type: LUST Cleanup Site  
 Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T10000003220](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000003220)  
 Global Id: T10000003220  
 Latitude: 33.983505  
 Longitude: -118.291852  
 Status: Open - Verification Monitoring  
 Status Date: 06/22/2018  
 Case Worker: AT  
 RB Case Number: 900440152  
 Local Agency: LOS ANGELES, CITY OF  
 File Location: Not reported  
 Local Case Number: Not reported  
 Potential Media Affect: Other Groundwater (uses other than drinking water)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER TARGET SERVICE STATION (Continued)**

**S104570427**

Potential Contaminants of Concern: Benzene, Xylene, Gasoline  
Site History: Not reported

LUST:

Global Id: T10000003220  
Contact Type: Regional Board Caseworker  
Contact Name: ARMAN TOUMARI  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 WEST 4TH STREET, SUITE 200  
City: LOS ANGELES  
Email: atoumari@waterboards.ca.gov  
Phone Number: 2135766708

Global Id: T10000003220  
Contact Type: Local Agency Caseworker  
Contact Name: ELOY LUNA  
Organization Name: LOS ANGELES, CITY OF  
Address: 200 North Main Street, Suite 1780  
City: LOS ANGELES  
Email: eloy.luna@lacity.org  
Phone Number: Not reported

LUST:

Global Id: T10000003220  
Action Type: RESPONSE  
Date: 07/15/2016  
Action: Monitoring Report - Semi-Annually

Global Id: T10000003220  
Action Type: RESPONSE  
Date: 03/15/2016  
Action: Pilot Study/ Treatability Report

Global Id: T10000003220  
Action Type: RESPONSE  
Date: 07/15/2019  
Action: Monitoring Report - Semi-Annually

Global Id: T10000003220  
Action Type: ENFORCEMENT  
Date: 07/31/2014  
Action: Notice of Violation

Global Id: T10000003220  
Action Type: RESPONSE  
Date: 09/23/2011  
Action: Site Assessment Report

Global Id: T10000003220  
Action Type: RESPONSE  
Date: 10/15/2017  
Action: Soil Vapor Intrusion Investigation Report

Global Id: T10000003220  
Action Type: RESPONSE  
Date: 07/15/2020  
Action: Monitoring Report - Semi-Annually

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER TARGET SERVICE STATION (Continued)**

**S104570427**

Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	09/27/2006
Action:	Notice of Violation - #1
Global Id:	T10000003220
Action Type:	RESPONSE
Date:	01/15/2021
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000003220
Action Type:	RESPONSE
Date:	01/15/2019
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	01/07/2016
Action:	Staff Letter
Global Id:	T10000003220
Action Type:	RESPONSE
Date:	05/15/2013
Action:	Other Report / Document
Global Id:	T10000003220
Action Type:	RESPONSE
Date:	10/07/2013
Action:	Preliminary Site Assessment Workplan
Global Id:	T10000003220
Action Type:	RESPONSE
Date:	01/15/2020
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000003220
Action Type:	RESPONSE
Date:	10/07/2013
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T10000003220
Action Type:	RESPONSE
Date:	12/14/2015
Action:	Pilot Study / Treatability Workplan - Regulator Responded
Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	08/10/2006
Action:	Notice of Violation - #1
Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	02/09/2017
Action:	Staff Letter
Global Id:	T10000003220
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER TARGET SERVICE STATION (Continued)**

**S104570427**

Date: 01/15/2014  
Action: Soil and Water Investigation Report

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 04/15/2017  
Action: Soil Vapor Intrusion Investigation Report

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 12/09/2015  
Action: Other Workplan - Regulator Responded

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 08/24/2020  
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 11/16/2020  
Action: Well Installation Report

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 01/15/2021  
Action: Remedial Progress Report

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 10/15/2017  
Action: Well Installation Report

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 01/15/2017  
Action: Monitoring Report - Semi-Annually

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 02/02/2017  
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 06/04/2018  
Action: Pilot Study/ Treatability Report - Regulator Responded

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 10/15/2018  
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T1000003220  
Action Type: ENFORCEMENT  
Date: 04/26/2013  
Action: Health and Safety Code Section 25296.10(c)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER TARGET SERVICE STATION (Continued)**

**S104570427**

Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	03/08/2013
Action:	Staff Letter
Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	10/21/2013
Action:	Health and Safety Code Section 25296.10(c)
Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	09/07/2018
Action:	Health and Safety Code Section 25296.10(c)
Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	08/14/2017
Action:	Health and Safety Code Section 25296.10(c)
Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	10/18/2018
Action:	Staff Letter
Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	09/10/2020
Action:	Staff Letter
Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	04/26/2016
Action:	Clean Up Fund - Case Closure Review Summary Report (RSR)
Global Id:	T10000003220
Action Type:	RESPONSE
Date:	01/15/2015
Action:	Conceptual Site Model
Global Id:	T10000003220
Action Type:	RESPONSE
Date:	01/15/2018
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000003220
Action Type:	RESPONSE
Date:	07/15/2018
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000003220
Action Type:	ENFORCEMENT
Date:	09/03/2013
Action:	Health and Safety Code Section 25296.10(c)
Global Id:	T10000003220
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER TARGET SERVICE STATION (Continued)**

**S104570427**

Date: 01/28/2013  
Action: Referral to Regional Board

Global Id: T1000003220  
Action Type: Other  
Date: 03/16/1999  
Action: Leak Discovery

Global Id: T1000003220  
Action Type: Other  
Date: 05/06/1999  
Action: Leak Reported

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 07/15/2015  
Action: Conceptual Site Model

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 10/15/2015  
Action: Conceptual Site Model

Global Id: T1000003220  
Action Type: REMEDIATION  
Date: 03/22/2018  
Action: Soil Vapor Extraction (SVE)

Global Id: T1000003220  
Action Type: REMEDIATION  
Date: 03/14/2018  
Action: Dual Phase Extraction

Global Id: T1000003220  
Action Type: REMEDIATION  
Date: 03/14/2018  
Action: Dual Phase Extraction

Global Id: T1000003220  
Action Type: ENFORCEMENT  
Date: 10/31/2014  
Action: Health and Safety Code Section 25296.10(c)

Global Id: T1000003220  
Action Type: RESPONSE  
Date: 03/15/2016  
Action: Soil and Water Investigation Report

**LUST:**

Global Id: T1000003220  
Status: Open - Case Begin Date  
Status Date: 03/16/1999

Global Id: T1000003220  
Status: Open - Site Assessment  
Status Date: 03/16/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER TARGET SERVICE STATION (Continued)**

**S104570427**

Global Id: T10000003220  
Status: Open - Verification Monitoring  
Status Date: 06/22/2018

**CORTESE:**

Name: FORMER TARGET SERVICE STATION  
Address: 6121 VERMONT AVENUE  
City,State,Zip: LOS ANGELES, CA 90044  
Region: CORTESE  
Envirostor Id: Not reported  
Global ID: T10000003220  
Site/Facility Type: LUST CLEANUP SITE  
Cleanup Status: OPEN - VERIFICATION MONITORING  
Status Date: Not reported  
Site Code: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported  
Flag: active  
Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported  
File Name: Active Open

**CERS:**

Name: FORMER TARGET SERVICE STATION  
Address: 6121 VERMONT AVENUE  
City,State,Zip: LOS ANGELES, CA 90044  
Site ID: 236989  
CERS ID: T10000003220  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Suite 1780  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: ARMAN TOUMARI - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 WEST 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FORMER TARGET SERVICE STATION (Continued)**

**S104570427**

Affiliation Zip: Not reported  
 Affiliation Phone: 2135766708

**P86**  
**SE**  
 1/4-1/2  
 0.462 mi.  
 2437 ft.

**FORMER TARGET SERVICE STATION**  
**6121 S. VERMONT AVE.**  
**LOS ANGELES, CA 90044**  
 Site 3 of 3 in cluster P

**US BROWNFIELDS** 1023619776  
**FINDS** N/A

**Relative:**  
**Higher**  
**Actual:**  
**142 ft.**

US BROWNFIELDS:  
 Name: FORMER TARGET SERVICE STATION  
 Address: 6121 S. VERMONT AVE.  
 City,State,Zip: LOS ANGELES, CA 90044  
 Recipient Name: R9 TBA - California (STAG Funded)  
 Grant Type: TBA  
 Property Number: 6003-029-030  
 Parcel size: .42  
 Latitude: 33.983505  
 Longitude: -118.291852  
 HCM Label: Address Matching-House Number  
 Map Scale: -  
 Point of Reference: Entrance Point of a Facility or Station  
 Highlights: -  
 Datum: North American Datum of 1983  
 Acres Property ID: 153361  
 IC Data Access: -  
 Start Date: -  
 Redev Completion Date: -  
 Completed Date: -  
 Acres Cleaned Up: -  
 Cleanup Funding: -  
 Cleanup Funding Source: -  
 Assessment Funding: -  
 Assessment Funding Source: -  
 Redevelopment Funding: -  
 Redev. Funding Source: -  
 Redev. Funding Entity Name: -  
 Redevelopment Start Date: -  
 Assessment Funding Entity: -  
 Cleanup Funding Entity: -  
 Grant Type: Petroleum  
 Accomplishment Type: -  
 Accomplishment Count: -  
 Cooperative Agreement Number: n/a  
 Start Date: -  
 Ownership Entity: -  
 Completion Date: -  
 Current Owner: -  
 Did Owner Change: -  
 Cleanup Required: U  
 Video Available: -  
 Photo Available: -  
 Institutional Controls Required: U  
 IC Category Proprietary Controls: -  
 IC Cat. Info. Devices: -  
 IC Cat. Gov. Controls: -  
 IC Cat. Enforcement Permit Tools: -



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER TARGET SERVICE STATION (Continued)**

**1023619776**

IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FORMER TARGET SERVICE STATION (Continued)**

**1023619776**

Selenium cleaned up: -  
 SVOCs cleaned up: -  
 Unknown clean up: -  
 Arsenic contaminant found: -  
 Cadmium contaminant found: -  
 Chromium contaminant found: -  
 Copper contaminant found: -  
 Iron contaminant found: -  
 Mercury contaminant found: -  
 Nickel contaminant found: -  
 No contaminant found: -  
 Pesticides contaminant found: -  
 Selenium contaminant found: -  
 SVOCs contaminant found: -  
 Unknown contaminant found: -  
 Future Use: Multistory -  
 Media affected Bluiding Material: -  
 Media affected indoor air: -  
 Building material media cleaned up: -  
 Indoor air media cleaned up: -  
 Unknown media cleaned up: -  
 Past Use: Multistory Not reported  
 Property Description: -  
 Below Poverty Number: 4553  
 Below Poverty Percent: 29.22  
 Meidan Income: 8558  
 Meidan Income Number: 9733  
 Meidan Income Percent: 62.46  
 Vacant Housing Number: 431  
 Vacant Housing Percent: 8.91  
 Unemployed Number: 859  
 Unemployed Percent: 5.51

**FINDS:**

Registry ID: 110070068678

Click Here:

**Environmental Interest/Information System:**

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

87  
 SE  
 1/4-1/2  
 0.474 mi.  
 2505 ft.

**CHEVRON #2-295  
 6219 VERMONT ST S  
 LOS ANGELES, CA 90044**

**LUST S114458542  
 Cortese N/A  
 CERS**

**Relative:  
 Higher  
 Actual:  
 143 ft.**

**LUST:**  
 Name: CHEVRON #2-295  
 Address: 6219 VERMONT ST S  
 City,State,Zip: LOS ANGELES, CA 90044  
 Lead Agency: LOS ANGELES, CITY OF  
 Case Type: LUST Cleanup Site  
 Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T10000005323](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000005323)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON #2-295 (Continued)**

**S114458542**

Global Id: T10000005323  
Latitude: 33.9839488  
Longitude: -118.290586  
Status: Completed - Case Closed  
Status Date: 03/06/1997  
Case Worker: Not reported  
RB Case Number: Not reported  
Local Agency: Not reported  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

LUST:

Global Id: T10000005323  
Action Type: Other  
Date: 03/24/1994  
Action: Leak Began

Global Id: T10000005323  
Action Type: Other  
Date: 03/24/1994  
Action: Leak Discovery

Global Id: T10000005323  
Action Type: Other  
Date: 04/15/1994  
Action: Leak Reported

LUST:

Global Id: T10000005323  
Status: Open - Case Begin Date  
Status Date: 03/24/1994

Global Id: T10000005323  
Status: Completed - Case Closed  
Status Date: 03/06/1997

CORTESE:

Name: CHEVRON #2-295  
Address: 6219 VERMONT ST S  
City,State,Zip: LOS ANGELES, CA 90044  
Region: CORTESE  
Envirostor Id: Not reported  
Global ID: T10000005323  
Site/Facility Type: LUST CLEANUP SITE  
Cleanup Status: COMPLETED - CASE CLOSED  
Status Date: Not reported  
Site Code: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported  
Flag: active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON #2-295 (Continued)**

**S114458542**

Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Unit Name: Not reported  
File Name: Active Open

**CERS:**

Name: CHEVRON #2-295  
Address: 6219 VERMONT ST S  
City,State,Zip: LOS ANGELES, CA 90044  
Site ID: 259513  
CERS ID: T10000005323  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**88**  
**West**  
**1/4-1/2**  
**0.488 mi.**  
**2579 ft.**

**76 STATION #0914**  
**5816 WESTERN AVE. S.**  
**LOS ANGELES, CA 90047**

**LUST S107619715**  
**Cortese N/A**  
**CERS**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**137 ft.**

Name: 76 STATION #0914  
Address: 5816 WESTERN AVE. S.  
City,State,Zip: LOS ANGELES, CA 90047  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603737666](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603737666)  
Global Id: T0603737666  
Latitude: 33.9893454795722  
Longitude: -118.308527469635  
Status: Completed - Case Closed  
Status Date: 03/06/2015  
Case Worker: AT  
RB Case Number: 900470207  
Local Agency: LOS ANGELES, CITY OF  
File Location: Regional Board  
Local Case Number: 3188  
Potential Media Affect: Aquifer used for drinking water supply, Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

**LUST:**

Global Id: T0603737666  
Contact Type: Regional Board Caseworker  
Contact Name: ARMAN TOUMARI  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 WEST 4TH STREET, SUITE 200  
City: LOS ANGELES  
Email: atoumari@waterboards.ca.gov  
Phone Number: 2135766708

Global Id: T0603737666  
Contact Type: Local Agency Caseworker  
Contact Name: ELOY LUNA  
Organization Name: LOS ANGELES, CITY OF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**76 STATION #0914 (Continued)**

**S107619715**

Address: 200 North Main Street, Suite 1780  
City: LOS ANGELES  
Email: eloy.luna@lacity.org  
Phone Number: Not reported

**LUST:**

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 01/15/2011  
Action: Monitoring Report - Semi-Annually

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Monitoring Report - Semi-Annually

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 08/16/2011  
Action: Soil and Water Investigation Workplan

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Monitoring Report - Semi-Annually

Global Id: T0603737666  
Action Type: ENFORCEMENT  
Date: 04/05/2011  
Action: Staff Letter

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 09/25/2012  
Action: Site Assessment Report

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 01/15/2013  
Action: Monitoring Report - Semi-Annually

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 02/11/2013  
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 05/11/2007  
Action: Soil and Water Investigation Workplan

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603737666

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**76 STATION #0914 (Continued)**

**S107619715**

Action Type: RESPONSE  
Date: 10/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 07/15/2013  
Action: Monitoring Report - Semi-Annually

Global Id: T0603737666  
Action Type: ENFORCEMENT  
Date: 04/11/2007  
Action: Staff Letter

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 05/15/2007  
Action: Other Report / Document

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 01/15/2014  
Action: Monitoring Report - Semi-Annually

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Monitoring Report - Quarterly

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: CAP/RAP - Feasibility Study Report

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 03/02/2015  
Action: Well Destruction Report

Global Id: T0603737666  
Action Type: Other  
Date: 05/10/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

76 STATION #0914 (Continued)

S107619715

Action: Leak Discovery

Global Id: T0603737666  
Action Type: Other  
Date: 04/05/2005  
Action: Leak Reported

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 09/12/2008  
Action: Well Installation Report

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 11/23/2009  
Action: Pilot Study / Treatability Workplan

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603737666  
Action Type: RESPONSE  
Date: 02/17/2009  
Action: Well Installation Report

Global Id: T0603737666  
Action Type: REMEDIATION  
Date: 04/26/2011  
Action: Pump & Treat (P&T) Groundwater

Global Id: T0603737666  
Action Type: REMEDIATION  
Date: 04/26/2010  
Action: Soil Vapor Extraction (SVE)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**76 STATION #0914 (Continued)**

**S107619715**

Global Id: T0603737666  
Action Type: REMEDIATION  
Date: 10/01/1997  
Action: Excavation

Global Id: T0603737666  
Action Type: ENFORCEMENT  
Date: 08/08/2014  
Action: Notification - Preclosure

Global Id: T0603737666  
Action Type: ENFORCEMENT  
Date: 03/06/2015  
Action: Closure/No Further Action Letter

**LUST:**

Global Id: T0603737666  
Status: Open - Case Begin Date  
Status Date: 05/10/2004

Global Id: T0603737666  
Status: Open - Site Assessment  
Status Date: 04/05/2005

Global Id: T0603737666  
Status: Open - Site Assessment  
Status Date: 05/23/2007

Global Id: T0603737666  
Status: Open - Remediation  
Status Date: 04/05/2011

Global Id: T0603737666  
Status: Open - Eligible for Closure  
Status Date: 01/24/2013

Global Id: T0603737666  
Status: Completed - Case Closed  
Status Date: 03/06/2015

**CORTESE:**

Name: 76 STATION #0914  
Address: 5816 WESTERN AVE. S.  
City,State,Zip: LOS ANGELES, CA 90047  
Region: CORTESE  
Envirostor Id: Not reported  
Global ID: T0603737666  
Site/Facility Type: LUST CLEANUP SITE  
Cleanup Status: COMPLETED - CASE CLOSED  
Status Date: Not reported  
Site Code: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Owner: Not reported  
Enf Type: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**76 STATION #0914 (Continued)**

**S107619715**

Swat R: Not reported  
Flag: active  
Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported  
File Name: Active Open

**CERS:**

Name: 76 STATION #0914  
Address: 5816 WESTERN AVE. S.  
City,State,Zip: LOS ANGELES, CA 90047  
Site ID: 196847  
CERS ID: T0603737666  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF  
Entity Title: Not reported  
Affiliation Address: 200 North Main Street, Suite 1780  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: ARMAN TOUMARI - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 WEST 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766708

**89**  
**West**  
**1/4-1/2**  
**0.489 mi.**  
**2584 ft.**

**Relative:**  
**Lower**  
**Actual:**  
**137 ft.**

**PEST CONTROL CHEMICALS**  
**5852 S. WESTERN AVENUE**  
**LOS ANGELES, CA 90047**

**ENVIROSTOR 1000391639**  
**SWEEPS UST CAD981420193**  
**HIST UST**  
**CA FID UST**  
**RCRA NonGen / NLR**  
**FINDS**  
**ECHO**  
**HAZNET**  
**HWTS**

**ENVIROSTOR:**

Name: PEST CONTROL CHEMICALS  
Address: 5852 S. WESTERN AVENUE  
City,State,Zip: LOS ANGELES, CA 90047  
Facility ID: 60001530  
Status: No Further Action  
Status Date: 05/25/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEST CONTROL CHEMICALS (Continued)**

1000391639

Site Code: Not reported  
Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: 1  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Javier Hinojosa  
Division Branch: Cleanup Chatsworth  
Assembly: 59  
Senate: 30  
Special Program: EPA - PASI  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: EPA Grant  
Latitude: 33.98837  
Longitude: -118.3085  
APN: NONE SPECIFIED  
Past Use: PESTICIDE/INSECTIDE/RODENTICIDE STORAGE  
Potential COC: Under Investigation  
Confirmed COC: 31001-NO  
Potential Description: NONE SPECIFIED  
Alias Name: 60001530  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: PA/SI Site Screening  
Completed Date: 05/17/2012  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SWEEPS UST:

Name: PEST CONTROL CHEMICALS  
Address: 5852 S WESTERN AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2825  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002825-000001  
Tank Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEST CONTROL CHEMICALS (Continued)**

**1000391639**

Capacity: 1  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: 1

**HIST UST:**

Name: PEST CONTROL CHEMICALS  
Address: 5852 S WESTERN AVE  
City,State,Zip: LOS ANGELES, CA 90047  
File Number: 000289D6  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000289D6.pdf>  
Region: STATE  
Facility ID: 00000050842  
Facility Type: Other  
Other Type: FUMIGATION COMPANY  
Contact Name: Not reported  
Telephone: 2132954108  
Owner Name: TERMITE FUMIGATORS, INC;  
Owner Address: 5852 S. WESTERN AVE  
Owner City,St,Zip: LOS ANGELES, CA 90047  
Total Tanks: 0001

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00009000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

**CA FID UST:**

Facility ID: 19008144  
Regulated By: UTKI  
Regulated ID: 00050842  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2132954108  
Mail To: Not reported  
Mailing Address: 5852 S WESTERN AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900470000  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**RCRA NonGen / NLR:**

Date Form Received by Agency: 1986-06-19 00:00:00.0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PEST CONTROL CHEMICALS (Continued)**

**1000391639**

Handler Name:	PEST CONTROL CHEMICALS
Handler Address:	5852 S. WESTERN AVENUE
Handler City,State,Zip:	LOS ANGELES, CA 90047
EPA ID:	CAD981420193
Contact Name:	VICTOR BERNATH
Contact Address:	5852 S. WESTERN AVENUE
Contact City,State,Zip:	LOS ANGELES, CA 90047
Contact Telephone:	213-293-6203
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	X
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5852 S. WESTERN AVENUE
Mailing City,State,Zip:	LOS ANGELES, CA 90047
Owner Name:	VICTOR BERNATH
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEST CONTROL CHEMICALS (Continued)**

1000391639

Subject to Corrective Action Universe: No  
Non-TSDFs Where RCRA CA has Been Imposed Universe: No  
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No  
TSDFs Only Subject to CA under Discretionary Auth Universe: No  
Corrective Action Priority Ranking: No NCAPS ranking  
Environmental Control Indicator: No  
Institutional Control Indicator: No  
Human Exposure Controls Indicator: N/A  
Groundwater Controls Indicator: N/A  
Operating TSDf Universe: Not reported  
Full Enforcement Universe: Not reported  
Significant Non-Complier Universe: No  
Unaddressed Significant Non-Complier Universe: No  
Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No  
Financial Assurance Required: Not reported  
Handler Date of Last Change: 2002-06-27 03:24:58.0  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: NOT REQUIRED  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: VICTOR BBERNATH  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1986-06-19 00:00:00.0  
Handler Name: PEST CONTROL CHEMICALS  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEST CONTROL CHEMICALS (Continued)**

**1000391639**

Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002699777

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000391639  
Registry ID: 110002699777  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002699777>  
Name: PEST CONTROL CHEMICALS  
Address: 5852 S. WESTERN AVENUE  
City,State,Zip: LOS ANGELES, CA 90047

HAZNET:

Name: PEST CONTROL CHEMICALS  
Address: 5852 S. WESTERN AVENUE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900470000  
Contact: UNDELIVERABLE 96 FEES MB  
Telephone: 2132936207  
Mailing Name: Not reported  
Mailing Address: 5852 S WESTERN AVENUE

Year: 1993  
Gepaid: CAD981420193  
TSD EPA ID: CAT080010101

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEST CONTROL CHEMICALS (Continued)**

**1000391639**

CA Waste Code: 231 - Pesticide rinse water  
Disposal Method: H01 - Transfer Station  
Tons: 0.0625

Year: 1993  
Gepaid: CAD981420193  
TSD EPA ID: CAD000088252  
CA Waste Code: 181 - Other inorganic solid waste  
Disposal Method: H01 - Transfer Station  
Tons: 0.0625

Year: 1993  
Gepaid: CAD981420193  
TSD EPA ID: CAD000088252  
CA Waste Code: 231 - Pesticide rinse water  
Disposal Method: H01 - Transfer Station  
Tons: 1.251

Year: 1986  
Gepaid: CAD981420193  
TSD EPA ID: CAD020748125  
CA Waste Code: 232 - Pesticides and other waste associated with pesticide production  
Disposal Method: D80 - Disposal, Land Fill  
Tons: 0.05

Additional Info:

Year: 1993  
Gen EPA ID: CAD981420193

Shipment Date: 19931022  
Creation Date: 9/14/1995 0:00:00  
Receipt Date: 19931028  
Manifest ID: 92311063  
Trans EPA ID: CAD020763751  
Trans Name: Not reported  
Trans 2 EPA ID: CAD983668583  
Trans 2 Name: Not reported  
TSD EPA ID: CAT080010101  
Trans Name: Not reported  
TSD Alt EPA ID: Not reported  
TSD Alt Name: Not reported  
Waste Code Description: 231 - Pesticide rinse water  
RCRA Code: D020  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.0625  
Waste Quantity: 15  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19931013  
Creation Date: 9/13/1995 0:00:00  
Receipt Date: 19931013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEST CONTROL CHEMICALS (Continued)**

**1000391639**

Manifest ID: 92311034  
Trans EPA ID: CAD020763751  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD000088252  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 231 - Pesticide rinse water  
RCRA Code: D013  
Meth Code: H01 - Transfer Station  
Quantity Tons: 1.251  
Waste Quantity: 300  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19931013  
Creation Date: 9/13/1995 0:00:00  
Receipt Date: 19931013  
Manifest ID: 92310877  
Trans EPA ID: CAD020763751  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD000088252  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.0625  
Waste Quantity: 125  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**HWTS:**

Name: PEST CONTROL CHEMICALS  
Address: 5852 S. WESTERN AVENUE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 900470000  
EPA ID: CAD981420193  
Inactive Date: 06/30/1996  
Create Date: 04/10/1987  
Last Act Date: 08/10/2004  
Mailing Name: Not reported  
Mailing Address: 5852 S WESTERN AVENUE  
Mailing Address 2: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEST CONTROL CHEMICALS (Continued)**

**1000391639**

Mailing City,State,Zip: LOS ANGELES, CA 900470000  
Owner Name: --  
Owner Address: --  
Owner Address 2: Not reported  
Owner City,State,Zip: --, 99 --  
Contact Name: UNDELIVERABLE 96 FEES MB  
Contact Address: --  
Contact Address 2: Not reported  
City,State,Zip: --, 99 --

**90**  
**WSW**  
**1/2-1**  
**0.512 mi.**  
**2704 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**137 ft.**

**HUGHES PAINT CO**  
**5900 S WESTERN AVE**  
**LOS ANGELES, CA 90047**

**SEMS-ARCHIVE 1000240979**  
**ENVIROSTOR CAD078807146**  
**SWEEPS UST**  
**HIST UST**  
**CA FID UST**  
**RCRA NonGen / NLR**  
**FINDS**  
**ECHO**

SEMS Archive:  
Site ID: 0901608  
EPA ID: CAD078807146  
Name: HUGHES PAINT CO  
Address: 5900 SO WESTERN AVE  
Address 2: Not reported  
City,State,Zip: LOS ANGELES, CA 90047  
Cong District: 29  
FIPS Code: 06037  
FF: N  
NPL: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:  
Region: 09  
Site ID: 0901608  
EPA ID: CAD078807146  
Site Name: HUGHES PAINT CO  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1984-09-01 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 09  
Site ID: 0901608  
EPA ID: CAD078807146  
Site Name: HUGHES PAINT CO  
NPL: N  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUGHES PAINT CO (Continued)**

**1000240979**

Start Date: 1980-07-01 04:00:00  
Finish Date: 1980-07-01 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0901608  
EPA ID: CAD078807146  
Site Name: HUGHES PAINT CO  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: 1984-03-01 05:00:00  
Finish Date: 1984-09-01 05:00:00  
Qual: N  
Current Action Lead: St Perf

**ENVIROSTOR:**

Name: HUGHES PAINT COMPANY INC  
Address: 5900 S WESTERN AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Facility ID: 19280441  
Status: Refer: Other Agency  
Status Date: 04/14/1995  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: \* Mmonroy  
Division Branch: Cleanup Chatsworth  
Assembly: 59  
Senate: 30  
Special Program: \* RCRA 3012 - Past Haz Waste Disp Inven Site  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.98737  
Longitude: -118.3085  
APN: 6002008034  
Past Use: NONE SPECIFIED  
Potential COC: \* HYDROCARBON SOLVENTS \* OXYGENATED SOLVENTS \* Sludge - Paint \*  
UNSPECIFIED SLUDGE WASTE  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 6002008034  
Alias Type: APN  
Alias Name: CAD078807146  
Alias Type: EPA Identification Number  
Alias Name: 110002659622

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUGHES PAINT CO (Continued)**

**1000240979**

Alias Type: EPA (FRS #)  
Alias Name: 19280441  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 02/02/1995  
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 01/27/1984  
Comments: FACILITY DRIVE-BY ASAP. NO PROB OBSERVED. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 09/26/1983  
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 05/18/1982  
Comments: FACILITY IDENTIFIED ID'D FROM TELEPHONE SEARCH QUESTIONNAIRE SENT

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SWEEPS UST:

Name: HUGHES PAINT COMPANY  
Address: 5900 S WESTERN AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2229  
Number: Not reported  
Board Of Equalization: 44-012205  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002229-000001  
Tank Status: Not reported  
Capacity: 7500  
Active Date: Not reported  
Tank Use: CHEMICAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUGHES PAINT CO (Continued)**

**1000240979**

STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: 2

Name: HUGHES PAINT COMPANY  
Address: 5900 S WESTERN AVE  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2229  
Number: Not reported  
Board Of Equalization: 44-012205  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002229-000002  
Tank Status: Not reported  
Capacity: 1000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: Not reported

**HIST UST:**

Name: HUGHES PAINT COMPANY  
Address: 5900 SO WESTERN AVE  
City,State,Zip: LOS ANGELES, CA 90047  
File Number: 00026EDB  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026EDB.pdf>  
Region: STATE  
Facility ID: 00000041289  
Facility Type: Other  
Other Type: PAINT MFG.  
Contact Name: LARRY P. JENKINS  
Telephone: 2137514131  
Owner Name: HUGHES PAINT COMPANY  
Owner Address: 15501 TEXACO AVE  
Owner City,St,Zip: PARAMOUNT, CA 90723  
Total Tanks: 0002

Tank Num: 001  
Container Num: #1  
Year Installed: Not reported  
Tank Capacity: 00007500  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: #2  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUGHES PAINT CO (Continued)**

**1000240979**

Leak Detection: None

[Click here for Geo Tracker PDF:](#)

**CA FID UST:**

Facility ID: 19029922  
Regulated By: UTKNI  
Regulated ID: 00041289  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2137514131  
Mail To: Not reported  
Mailing Address: 15501 TEXACO AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900470000  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**RCRA NonGen / NLR:**

Date Form Received by Agency: 1980-07-14 00:00:00.0  
Handler Name: HUGHES PAINT CO  
Handler Address: 5900 S WESTERN AVE  
Handler City,State,Zip: LOS ANGELES, CA 90047  
EPA ID: CAD078807146  
Contact Name: ENVIRONMENTAL MANAGER  
Contact Address: 5900 S WESTERN AVE  
Contact City,State,Zip: LOS ANGELES, CA 90047  
Contact Telephone: 213-751-4131  
Contact Fax: Not reported  
Contact Email: Not reported  
Contact Title: Not reported  
EPA Region: 09  
Land Type: Other  
Federal Waste Generator Description: Not a generator, verified  
Non-Notifier: Not reported  
Biennial Report Cycle: Not reported  
Accessibility: Not reported  
Active Site Indicator: Not reported  
State District Owner: CA  
State District: 4  
Mailing Address: 5900 SO WESTERN AVE  
Mailing City,State,Zip: LOS ANGELES, CA 90047  
Owner Name: HUGHES PAINT CO  
Owner Type: Private  
Operator Name: HUGHES PAINT CO  
Operator Type: Private  
Short-Term Generator Activity: No  
Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: No  
Transfer Facility Activity: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HUGHES PAINT CO (Continued)**

**1000240979**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:21:27.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HUGHES PAINT CO
Legal Status:	Private
Date Became Current:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUGHES PAINT CO (Continued)**

**1000240979**

Date Ended Current: Not reported  
Owner/Operator Address: 5900 SO WESTERN AVE  
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999  
Owner/Operator Telephone: 213-751-4131  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: HUGHES PAINT CO  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 5900 SO WESTERN AVE  
Owner/Operator City,State,Zip: LOS ANGELES, CA 90047  
Owner/Operator Telephone: 213-751-4131  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1980-07-14 00:00:00.0  
Handler Name: HUGHES PAINT CO  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 32551  
NAICS Description: PAINT AND COATING MANUFACTURING  
  
NAICS Code: 42295  
NAICS Description: PAINT, VARNISH, AND SUPPLIES WHOLESALERS  
  
NAICS Code: 44412  
NAICS Description: PAINT AND WALLPAPER STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002659622

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUGHES PAINT CO (Continued)**

**1000240979**

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000240979  
Registry ID: 110002659622  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002659622>  
Name: HUGHES PAINT CO  
Address: 5900 S WESTERN AVE  
City,State,Zip: LOS ANGELES, CA 90047

91  
ESE  
1/2-1  
0.518 mi.  
2736 ft.

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3  
WEST SLAUSON AVENUE/SOUTH HOOVER STREET  
LOS ANGELES, CA 90044**

**ENVIROSTOR SCH S107737376  
N/A**

Relative:  
Higher  
Actual:  
146 ft.

ENVIROSTOR:

Name: SOUTH LOS ANGELES HIGH SCHOOL NO. 3  
Address: WEST SLAUSON AVENUE/SOUTH HOOVER STREET  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: 60000026  
Status: No Further Action  
Status Date: 11/21/2011  
Site Code: 304430  
Site Type: School Cleanup  
Site Type Detailed: School  
Acres: 15.37  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Christine Chiu  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 59  
Senate: 30  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.98578  
Longitude: -118.2879  
APN: 6004-002-001, 6004-002-002, 6004-002-003, 6004-002-004, 6004-002-005, 6004-002-006, 6004-002-007, 6004-002-008, 6004-002-009, 6004-002-019, 6004-002-904, 6004-002-905, 6004-002-906, 6004-002-907, 6004-002-908, 6004-002-909, 6004-002-910, 6004-002-911, 6004-002-912, 6004-002-913, 6004-002-914, 6004-002-915, 6004-002-916, 6004-003-001, 6004-003-002, 6004-003-003, 6004-003-004, 6004-003-005, 6004-003-006, 6004-003-007,



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

6004-003-008, 6004-003-010, 6004-003-011, 6004-003-012, 6004-003-013,  
6004-003-014, 6004-003-015, 6004-003-016, 6004-003-017, 6004-003-018,  
6004-003-019, 6004-003-020, 6004-003-021, 6004-003-022, 6004-003-023,  
6004-003-024, 6004-003-025, 6004-003-026, 6004-003-027, 6004-003-028,  
6004-003-029, 6004-003-030, 6004-003-031, 6004-003-09, 6004-003-900,  
6004-003-901, 6004-003-902, 6004-003-903, 6004-003-904, 6004-003-905,  
6004-003-906, 6004-003-907, 6004-003-908, 6004-003-909, 6004-003-910,  
6004-003-911, 6004-003-912, 6004-003-913, 6004-003-914, 6004-003-915,  
6004-003-916, 6004-003-917, 6004-003-918, 6004-003-919, 6004-003-920,  
6004-003-921, 6004-003-922, 6004-003-923, 6004-003-924, 6004-003-925,  
6004-003-926, 6004-003-927, 6004-003-928, 6004-003-929, 6004-003-930,  
6004-003-931, 6004-004-900, 6004-004-901, 6004-004-902, 6004-004-903,  
6004-004-904, 6004-004-905, 6004-004-906, 6004-004-907, 6004-004-908,  
6004-004-909, 6004-004-910, 6004-004-911, 6004-004-912, 6004-004-913,  
6004-004-914, 6004-004-915, 6004-004-916, 6004-004-917, 6004-004-918,  
6004-004-919, 6004-004-920, 6004-004-921, 6004-004-922, 6004-004-923,  
6004-004-924, 6004-004-925, 6004-004-926, 6004-004-927, 6004-004-928,  
6004-004-929, 6004-004-930, 6004-004-931, 6004-008-900, 6004-008-901,  
6004-008-902, 6004-008-903, 6004-008-904, 6004-008-905, 6004-008-906,  
6004-008-907, 6004-008-908, 6004-008-909, 6004-008-910, 6004-008-911,  
6004-008-912, 6004-008-913, 6004-008-914, 6004-008-915, 6004-008-916,  
6004-008-917, 6004-008-918, 6004-008-919, 6004-008-920, 6004-008-921,  
6004-008-922, 6004-008-923, 6004-008-924, 6004-008-925, 6004-008-926,  
6004-008-927, 6004-008-928, 6004-008-929

Past Use: VEHICLE MAINTENANCE  
Potential COC: Benzene Polychlorinated biphenyls (PCBs TPH-diesel Chloroform Ethylbenzene Methanol Toluene Xylenes  
Confirmed COC: Benzene Ethylbenzene Toluene Xylenes  
Potential Description: SOIL, SV, IA  
Alias Name: Augustus F. Hawkins High School  
Alias Type: Alternate Name  
Alias Name: Augustus Hawkins High School  
Alias Type: Alternate Name  
Alias Name: Hawkins High School  
Alias Type: Alternate Name  
Alias Name: LAUSD-SOUTH LOS ANGELES HIGH SCHOOL # 3  
Alias Type: Alternate Name  
Alias Name: SLAHS#3  
Alias Type: Alternate Name  
Alias Name: South Los Angeles Area New High School #3  
Alias Type: Alternate Name  
Alias Name: 6004-002-001  
Alias Type: APN  
Alias Name: 6004-002-002  
Alias Type: APN  
Alias Name: 6004-002-003  
Alias Type: APN  
Alias Name: 6004-002-004  
Alias Type: APN  
Alias Name: 6004-002-005  
Alias Type: APN  
Alias Name: 6004-002-006  
Alias Type: APN  
Alias Name: 6004-002-007  
Alias Type: APN  
Alias Name: 6004-002-008  
Alias Type: APN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Name:	6004-002-009
Alias Type:	APN
Alias Name:	6004-002-019
Alias Type:	APN
Alias Name:	6004-002-904
Alias Type:	APN
Alias Name:	6004-002-905
Alias Type:	APN
Alias Name:	6004-002-906
Alias Type:	APN
Alias Name:	6004-002-907
Alias Type:	APN
Alias Name:	6004-002-908
Alias Type:	APN
Alias Name:	6004-002-909
Alias Type:	APN
Alias Name:	6004-002-910
Alias Type:	APN
Alias Name:	6004-002-911
Alias Type:	APN
Alias Name:	6004-002-912
Alias Type:	APN
Alias Name:	6004-002-913
Alias Type:	APN
Alias Name:	6004-002-914
Alias Type:	APN
Alias Name:	6004-002-915
Alias Type:	APN
Alias Name:	6004-002-916
Alias Type:	APN
Alias Name:	6004-003-001
Alias Type:	APN
Alias Name:	6004-003-002
Alias Type:	APN
Alias Name:	6004-003-003
Alias Type:	APN
Alias Name:	6004-003-004
Alias Type:	APN
Alias Name:	6004-003-005
Alias Type:	APN
Alias Name:	6004-003-006
Alias Type:	APN
Alias Name:	6004-003-007
Alias Type:	APN
Alias Name:	6004-003-008
Alias Type:	APN
Alias Name:	6004-003-010
Alias Type:	APN
Alias Name:	6004-003-011
Alias Type:	APN
Alias Name:	6004-003-012
Alias Type:	APN
Alias Name:	6004-003-013
Alias Type:	APN
Alias Name:	6004-003-014
Alias Type:	APN
Alias Name:	6004-003-015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Type:	APN
Alias Name:	6004-003-016
Alias Type:	APN
Alias Name:	6004-003-017
Alias Type:	APN
Alias Name:	6004-003-018
Alias Type:	APN
Alias Name:	6004-003-019
Alias Type:	APN
Alias Name:	6004-003-020
Alias Type:	APN
Alias Name:	6004-003-021
Alias Type:	APN
Alias Name:	6004-003-022
Alias Type:	APN
Alias Name:	6004-003-023
Alias Type:	APN
Alias Name:	6004-003-024
Alias Type:	APN
Alias Name:	6004-003-025
Alias Type:	APN
Alias Name:	6004-003-026
Alias Type:	APN
Alias Name:	6004-003-027
Alias Type:	APN
Alias Name:	6004-003-028
Alias Type:	APN
Alias Name:	6004-003-029
Alias Type:	APN
Alias Name:	6004-003-030
Alias Type:	APN
Alias Name:	6004-003-031
Alias Type:	APN
Alias Name:	6004-003-09
Alias Type:	APN
Alias Name:	6004-003-900
Alias Type:	APN
Alias Name:	6004-003-901
Alias Type:	APN
Alias Name:	6004-003-902
Alias Type:	APN
Alias Name:	6004-003-903
Alias Type:	APN
Alias Name:	6004-003-904
Alias Type:	APN
Alias Name:	6004-003-905
Alias Type:	APN
Alias Name:	6004-003-906
Alias Type:	APN
Alias Name:	6004-003-907
Alias Type:	APN
Alias Name:	6004-003-908
Alias Type:	APN
Alias Name:	6004-003-909
Alias Type:	APN
Alias Name:	6004-003-910
Alias Type:	APN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Name:	6004-003-911
Alias Type:	APN
Alias Name:	6004-003-912
Alias Type:	APN
Alias Name:	6004-003-913
Alias Type:	APN
Alias Name:	6004-003-914
Alias Type:	APN
Alias Name:	6004-003-915
Alias Type:	APN
Alias Name:	6004-003-916
Alias Type:	APN
Alias Name:	6004-003-917
Alias Type:	APN
Alias Name:	6004-003-918
Alias Type:	APN
Alias Name:	6004-003-919
Alias Type:	APN
Alias Name:	6004-003-920
Alias Type:	APN
Alias Name:	6004-003-921
Alias Type:	APN
Alias Name:	6004-003-922
Alias Type:	APN
Alias Name:	6004-003-923
Alias Type:	APN
Alias Name:	6004-003-924
Alias Type:	APN
Alias Name:	6004-003-925
Alias Type:	APN
Alias Name:	6004-003-926
Alias Type:	APN
Alias Name:	6004-003-927
Alias Type:	APN
Alias Name:	6004-003-928
Alias Type:	APN
Alias Name:	6004-003-929
Alias Type:	APN
Alias Name:	6004-003-930
Alias Type:	APN
Alias Name:	6004-003-931
Alias Type:	APN
Alias Name:	6004-004-900
Alias Type:	APN
Alias Name:	6004-004-901
Alias Type:	APN
Alias Name:	6004-004-902
Alias Type:	APN
Alias Name:	6004-004-903
Alias Type:	APN
Alias Name:	6004-004-904
Alias Type:	APN
Alias Name:	6004-004-905
Alias Type:	APN
Alias Name:	6004-004-906
Alias Type:	APN
Alias Name:	6004-004-907

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Type:	APN
Alias Name:	6004-004-908
Alias Type:	APN
Alias Name:	6004-004-909
Alias Type:	APN
Alias Name:	6004-004-910
Alias Type:	APN
Alias Name:	6004-004-911
Alias Type:	APN
Alias Name:	6004-004-912
Alias Type:	APN
Alias Name:	6004-004-913
Alias Type:	APN
Alias Name:	6004-004-914
Alias Type:	APN
Alias Name:	6004-004-915
Alias Type:	APN
Alias Name:	6004-004-916
Alias Type:	APN
Alias Name:	6004-004-917
Alias Type:	APN
Alias Name:	6004-004-918
Alias Type:	APN
Alias Name:	6004-004-919
Alias Type:	APN
Alias Name:	6004-004-920
Alias Type:	APN
Alias Name:	6004-004-921
Alias Type:	APN
Alias Name:	6004-004-922
Alias Type:	APN
Alias Name:	6004-004-923
Alias Type:	APN
Alias Name:	6004-004-924
Alias Type:	APN
Alias Name:	6004-004-925
Alias Type:	APN
Alias Name:	6004-004-926
Alias Type:	APN
Alias Name:	6004-004-927
Alias Type:	APN
Alias Name:	6004-004-928
Alias Type:	APN
Alias Name:	6004-004-929
Alias Type:	APN
Alias Name:	6004-004-930
Alias Type:	APN
Alias Name:	6004-004-931
Alias Type:	APN
Alias Name:	6004-008-900
Alias Type:	APN
Alias Name:	6004-008-901
Alias Type:	APN
Alias Name:	6004-008-902
Alias Type:	APN
Alias Name:	6004-008-903
Alias Type:	APN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Name:	6004-008-904
Alias Type:	APN
Alias Name:	6004-008-905
Alias Type:	APN
Alias Name:	6004-008-906
Alias Type:	APN
Alias Name:	6004-008-907
Alias Type:	APN
Alias Name:	6004-008-908
Alias Type:	APN
Alias Name:	6004-008-909
Alias Type:	APN
Alias Name:	6004-008-910
Alias Type:	APN
Alias Name:	6004-008-911
Alias Type:	APN
Alias Name:	6004-008-912
Alias Type:	APN
Alias Name:	6004-008-913
Alias Type:	APN
Alias Name:	6004-008-914
Alias Type:	APN
Alias Name:	6004-008-915
Alias Type:	APN
Alias Name:	6004-008-916
Alias Type:	APN
Alias Name:	6004-008-917
Alias Type:	APN
Alias Name:	6004-008-918
Alias Type:	APN
Alias Name:	6004-008-919
Alias Type:	APN
Alias Name:	6004-008-920
Alias Type:	APN
Alias Name:	6004-008-921
Alias Type:	APN
Alias Name:	6004-008-922
Alias Type:	APN
Alias Name:	6004-008-923
Alias Type:	APN
Alias Name:	6004-008-924
Alias Type:	APN
Alias Name:	6004-008-925
Alias Type:	APN
Alias Name:	6004-008-926
Alias Type:	APN
Alias Name:	6004-008-927
Alias Type:	APN
Alias Name:	6004-008-928
Alias Type:	APN
Alias Name:	6004-008-929
Alias Type:	APN
Alias Name:	110033616692
Alias Type:	EPA (FRS #)
Alias Name:	304430
Alias Type:	Project Code (Site Code)
Alias Name:	60000026

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 02/10/2000  
Comments: Not reported

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 12/17/2008  
Comments: On December 17, 2008, DTSC requested a response from Ben & Eleanor Family Trust regarding conducting further investigation at 5845 Hoover Avenue, Los Angeles.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 08/19/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 06/15/2011  
Comments: DTSC certified that response action according to DTSC-approved RAW is complete. Operation and maintenance is required.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 06/04/2012  
Comments: Via email on June 4, 2012, DTSC received a PDF file of the LARWQCB concurrence letter regarding the Interim Remedial Action Plan for the V&A Car Wash area.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 11/21/2011  
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: No Further Action Letter  
Completed Date: 11/21/2011  
Comments: DTSC reviewed the soil gas monitoring report and made a No Further Action determination for the Site.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 12/21/2010  
Comments: On December 21, 2010, DTSC requested the Los Angeles Regional Water Quality Control Board to take appropriate action regarding underground storage tanks (USTs) from a former service station and

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Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

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**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

auto repair shop area, located adjacent to the Site. The USTs appear to be the source of benzene contamination in soil gas at the Site.

Completed Area Name: Area A/B  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 01/05/2004  
Comments: Not reported

Completed Area Name: Area A/B  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Workplan  
Completed Date: 08/01/2005  
Comments: SSI Workplan to perform fieldwork

Completed Area Name: Area A/B  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 10/11/2005  
Comments: DTSC approved the PEA with a Further Action determination.

Completed Area Name: Area A/B  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 05/11/2006  
Comments: DTSC approved the SSI report with a Further Action determination.

Completed Area Name: Area A/B  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Tech Memo  
Completed Date: 05/11/2006  
Comments: DTSC conditionally approved the Technical Memorandum.

Completed Area Name: Southern Area  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/12/2007  
Comments: Phase 1 received as background information

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 04/26/2007  
Comments: Via email on April 26, 2007, LAUSD was notified by DTSC that PEA sampling may proceed on April 27, 2007.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 02/05/2008  
Comments: Revised PEA approved. Further Action required VOC.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 04/11/2008  
Comments: further action required; raw expected 5/9/08



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

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EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 11/21/2008  
Comments: public comment period 8/21/08 - 9/21/08

Completed Area Name: Priority Area 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 06/30/2009  
Comments: Removal Action Completion Report No. 1 approved on 6/30/09

Completed Area Name: Area 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 06/30/2009  
Comments: Removal Action Completion Report, Area 2 approved on 6/30/2009.  
Approval contingent upon the installation of 3 nested monitoring wells to evaluate on-site migration from the former Alcoholics Anonymous facility 5851 South Hoover Street.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 08/01/2008  
Comments: DTSC approved the Community Profile, dated August 2008.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 08/01/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 09/03/2010  
Comments: In a letter to LAUSD, dated September 3, 2010, DTSC conditionally concurred with the Technical Memorandum for Soil Gas Monitoring, as a short-term O&M Plan, which proposed four quarters of soil gas monitoring at the northern edge of the former address 5851 South Hoover Street.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/09/2007  
Comments: Background Information Only

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/02/2010  
Comments: Via email on July 2, 2010, DTSC concurred with the use of 6,200 cubic yards of soil excavated from and stockpiled at the Span K-8 #1 School site as import fill at the SLAHS#3 site.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/08/2010  
Comments: Via email on July 8, 2010, DTSC concurred with use of the 6,500 cubic yard stockpiled soil (excavated from the former Westside Park area of the SRHS#7 site) as import fill for the SLAHS#3 site provided DTSC determined no further action regarding the area from where the soil originated. Via email on July 28, 2010, DTSC was informed that 5,000 cubic yards of the soil was hauled to the Site; the remaining 1,500 cubic yards is to be used elsewhere.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/08/2010  
Comments: Via email on April 8, 2010, DTSC concurred that the import material (clean screened fill sand and gravel) is acceptable for use at the SLAHS#3 site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/13/2010  
Comments: Via email on April 13, 2010, DTSC concurred that the import material (crushed aggregate base and sand) is acceptable for use at the SLAHS#3 site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/13/2010  
Comments: Via email on April 13, 2010, DTSC concurred that the import material (crushed aggregate base) is acceptable for use at the SLAHS#3 site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/22/2010  
Comments: Via email on July 7, 2010, DTSC indicated to LAUSD that a response to the Report, dated November 30, 2009, will not be provided; however, the report will be used as background information for the O&M Plan. The Report summarizes activities related to installation of a shoring wall in an area south of the off-site car wash facility, including air and soil sampling results.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/30/2010  
Comments: Via email on July 30, 2010, DTSC concurred that 14,500 cubic yards of soil from UCLA may be used as import fill at the Site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/02/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Comments: On December 2, 2010, DTSC indicated that additional soil gas sampling is necessary 1) to the north and west of the off-site car wash facility to confirm no impact to the school and 2) to the south of the existing soil gas probes to determine the extent of impact. DTSC requested a figure identifying the proposed additional soil gas sample locations at least seven days prior to the December 2010 sampling event.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/14/2011  
Comments: On February 14, 2011, DTSC provided comments on the Report and requested the comments be addressed in future monitoring reports.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/09/2011  
Comments: Via email on May 9, 2011, DTSC indicated to LAUSD that, based on the Report, the newest soil gas probes, SV-7 and SV-8, showed elevated levels of benzene. After the June 2011 sampling event, DTSC indicated it will make a decision regarding the need for further action.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/23/2011  
Comments: DTSC reviewed the soil gas monitoring report and had no comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/05/2010  
Comments: Via email on October 5, 2010, DTSC indicated it has no further concerns regarding the soil from cells IPH-1, IPH-2, and IPH-7 at UCLA to be used as import fill for the athletic field at SLAHS#3.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/01/2010  
Comments: Via email on November 1, 2010, DTSC responded that import fill material from the Proposed Bell Education and Learning Center site may be used as import fill at SLAHS#3. 10,000 cubic yards of import soil is to be deposited in the athletic field at SLAHS#3.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 01/20/2011  
Comments: - Via email on January 20, 2011, DTSC received a PDF copy of the LARWQCB letter, dated January 18, 2011, to Ben and Elanor Friend, Trustees of Friend Family Trust, requesting additional information regarding 5845 South Hoover Street, Los Angeles, by February 18, 2011. - Via email on March 1, 2011, DTSC received a copy of the letter to Eleanor Friend from the LARWQCB, dated February 28, 2011,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

regarding the directive to take corrective action in response to an unauthorized UST release. The LARWQCB transmittal email indicated this letter replaces the January 18 letter which was undeliverable.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/09/2011  
Comments: On February 9, 2011, DTSC received the remaining of the documents requested by LARWQCB from LAUSD.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 04/12/2011  
Comments: Via email on April 12, 2011, DTSC received a copy of the letter to the LARWQCB on behalf of the Friend Family Trust, dated March 25, 2011, in response to the LARWQCB's letter, dated February 28, 2011.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 05/10/2011  
Comments: Via email on May 10, 2011, DTSC received a PDF copy of the LARWQCB letter to Friend Family Trust, dated May 10, 2011, outlining the requirements of corrective action to be taken in response to an unauthorized UST release.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/21/2011  
Comments: DTSC reviewed the soil gas monitoring report and made a No Further Action determination for the Site.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 10/14/2011  
Comments: Via email on October 14, 2011, DTSC received a PDF copy of the LARWQCB letter to the Friend Family Trust, dated October 13, 2011, indicating that technical documents are delinquent and are to be submitted by November 15, 2011 to LARWQCB.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 11/16/2011  
Comments: Via email on November 16, 2011, DTSC was informed that the LARWQCB is reviewing a workplan for UST removal and site assessment at the V&A Car Wash area. DTSC was provided an electronic copy of the workplan.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 11/21/2011  
Comments: Via email on November 21, 2011, DTSC received a PDF file of the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

LARWQCB concurrence letter regarding the UST Removal and Supplemental Site Assessment Workplan for the V&A Car Wash area.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: School Cleanup Agreement  
Completed Date: 09/09/2008  
Comments: Amended Master EOA to Master SCA

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SCH:

Name: SOUTH LOS ANGELES HIGH SCHOOL NO. 3  
Address: WEST SLAUSON AVENUE/SOUTH HOOVER STREET  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: 60000026  
Site Type: School Cleanup  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 15.37  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Christine Chiu  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 304430  
Assembly: 59  
Senate: 30  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 11/21/2011  
Restricted Use: NO  
Funding: School District  
Latitude: 33.98578  
Longitude: -118.2879  
APN:

6004-002-001, 6004-002-002, 6004-002-003, 6004-002-004, 6004-002-005,  
6004-002-006, 6004-002-007, 6004-002-008, 6004-002-009, 6004-002-019,  
6004-002-904, 6004-002-905, 6004-002-906, 6004-002-907, 6004-002-908,  
6004-002-909, 6004-002-910, 6004-002-911, 6004-002-912, 6004-002-913,  
6004-002-914, 6004-002-915, 6004-002-916, 6004-003-001, 6004-003-002,  
6004-003-003, 6004-003-004, 6004-003-005, 6004-003-006, 6004-003-007,  
6004-003-008, 6004-003-010, 6004-003-011, 6004-003-012, 6004-003-013,  
6004-003-014, 6004-003-015, 6004-003-016, 6004-003-017, 6004-003-018,  
6004-003-019, 6004-003-020, 6004-003-021, 6004-003-022, 6004-003-023,  
6004-003-024, 6004-003-025, 6004-003-026, 6004-003-027, 6004-003-028,  
6004-003-029, 6004-003-030, 6004-003-031, 6004-003-09, 6004-003-900,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

6004-003-901, 6004-003-902, 6004-003-903, 6004-003-904, 6004-003-905,  
6004-003-906, 6004-003-907, 6004-003-908, 6004-003-909, 6004-003-910,  
6004-003-911, 6004-003-912, 6004-003-913, 6004-003-914, 6004-003-915,  
6004-003-916, 6004-003-917, 6004-003-918, 6004-003-919, 6004-003-920,  
6004-003-921, 6004-003-922, 6004-003-923, 6004-003-924, 6004-003-925,  
6004-003-926, 6004-003-927, 6004-003-928, 6004-003-929, 6004-003-930,  
6004-003-931, 6004-004-900, 6004-004-901, 6004-004-902, 6004-004-903,  
6004-004-904, 6004-004-905, 6004-004-906, 6004-004-907, 6004-004-908,  
6004-004-909, 6004-004-910, 6004-004-911, 6004-004-912, 6004-004-913,  
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6004-004-919, 6004-004-920, 6004-004-921, 6004-004-922, 6004-004-923,  
6004-004-924, 6004-004-925, 6004-004-926, 6004-004-927, 6004-004-928,  
6004-004-929, 6004-004-930, 6004-004-931, 6004-008-900, 6004-008-901,  
6004-008-902, 6004-008-903, 6004-008-904, 6004-008-905, 6004-008-906,  
6004-008-907, 6004-008-908, 6004-008-909, 6004-008-910, 6004-008-911,  
6004-008-912, 6004-008-913, 6004-008-914, 6004-008-915, 6004-008-916,  
6004-008-917, 6004-008-918, 6004-008-919, 6004-008-920, 6004-008-921,  
6004-008-922, 6004-008-923, 6004-008-924, 6004-008-925, 6004-008-926,  
6004-008-927, 6004-008-928, 6004-008-929

Past Use:

VEHICLE MAINTENANCE

Potential COC:

Benzene, Polychlorinated biphenyls (PCBs, TPH-diesel, Chloroform,  
Ethylbenzene, Methanol, Toluene, Xylenes

Confirmed COC:

Benzene, Ethylbenzene, Toluene, Xylenes

Potential Description:

SOIL, SV, IA

Alias Name:

Augustus F. Hawkins High School

Alias Type:

Alternate Name

Alias Name:

Augustus Hawkins High School

Alias Type:

Alternate Name

Alias Name:

Hawkins High School

Alias Type:

Alternate Name

Alias Name:

LAUSD-SOUTH LOS ANGELES HIGH SCHOOL # 3

Alias Type:

Alternate Name

Alias Name:

SLAHS#3

Alias Type:

Alternate Name

Alias Name:

South Los Angeles Area New High School #3

Alias Type:

Alternate Name

Alias Name:

6004-002-001

Alias Type:

APN

Alias Name:

6004-002-002

Alias Type:

APN

Alias Name:

6004-002-003

Alias Type:

APN

Alias Name:

6004-002-004

Alias Type:

APN

Alias Name:

6004-002-005

Alias Type:

APN

Alias Name:

6004-002-006

Alias Type:

APN

Alias Name:

6004-002-007

Alias Type:

APN

Alias Name:

6004-002-008

Alias Type:

APN

Alias Name:

6004-002-009

Alias Type:

APN

Alias Name:

6004-002-019

Alias Type:

APN

Alias Name:

6004-002-904

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Type:	APN
Alias Name:	6004-002-905
Alias Type:	APN
Alias Name:	6004-002-906
Alias Type:	APN
Alias Name:	6004-002-907
Alias Type:	APN
Alias Name:	6004-002-908
Alias Type:	APN
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Alias Type:	APN
Alias Name:	6004-002-910
Alias Type:	APN
Alias Name:	6004-002-911
Alias Type:	APN
Alias Name:	6004-002-912
Alias Type:	APN
Alias Name:	6004-002-913
Alias Type:	APN
Alias Name:	6004-002-914
Alias Type:	APN
Alias Name:	6004-002-915
Alias Type:	APN
Alias Name:	6004-002-916
Alias Type:	APN
Alias Name:	6004-003-001
Alias Type:	APN
Alias Name:	6004-003-002
Alias Type:	APN
Alias Name:	6004-003-003
Alias Type:	APN
Alias Name:	6004-003-004
Alias Type:	APN
Alias Name:	6004-003-005
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Alias Name:	6004-003-006
Alias Type:	APN
Alias Name:	6004-003-007
Alias Type:	APN
Alias Name:	6004-003-008
Alias Type:	APN
Alias Name:	6004-003-010
Alias Type:	APN
Alias Name:	6004-003-011
Alias Type:	APN
Alias Name:	6004-003-012
Alias Type:	APN
Alias Name:	6004-003-013
Alias Type:	APN
Alias Name:	6004-003-014
Alias Type:	APN
Alias Name:	6004-003-015
Alias Type:	APN
Alias Name:	6004-003-016
Alias Type:	APN
Alias Name:	6004-003-017
Alias Type:	APN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Name:	6004-003-018
Alias Type:	APN
Alias Name:	6004-003-019
Alias Type:	APN
Alias Name:	6004-003-020
Alias Type:	APN
Alias Name:	6004-003-021
Alias Type:	APN
Alias Name:	6004-003-022
Alias Type:	APN
Alias Name:	6004-003-023
Alias Type:	APN
Alias Name:	6004-003-024
Alias Type:	APN
Alias Name:	6004-003-025
Alias Type:	APN
Alias Name:	6004-003-026
Alias Type:	APN
Alias Name:	6004-003-027
Alias Type:	APN
Alias Name:	6004-003-028
Alias Type:	APN
Alias Name:	6004-003-029
Alias Type:	APN
Alias Name:	6004-003-030
Alias Type:	APN
Alias Name:	6004-003-031
Alias Type:	APN
Alias Name:	6004-003-09
Alias Type:	APN
Alias Name:	6004-003-900
Alias Type:	APN
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Alias Type:	APN
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Alias Name:	6004-003-908
Alias Type:	APN
Alias Name:	6004-003-909
Alias Type:	APN
Alias Name:	6004-003-910
Alias Type:	APN
Alias Name:	6004-003-911
Alias Type:	APN
Alias Name:	6004-003-912
Alias Type:	APN
Alias Name:	6004-003-913



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Type:	APN
Alias Name:	6004-003-914
Alias Type:	APN
Alias Name:	6004-003-915
Alias Type:	APN
Alias Name:	6004-003-916
Alias Type:	APN
Alias Name:	6004-003-917
Alias Type:	APN
Alias Name:	6004-003-918
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Alias Name:	6004-003-919
Alias Type:	APN
Alias Name:	6004-003-920
Alias Type:	APN
Alias Name:	6004-003-921
Alias Type:	APN
Alias Name:	6004-003-922
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Alias Name:	6004-003-923
Alias Type:	APN
Alias Name:	6004-003-924
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Alias Type:	APN
Alias Name:	6004-003-930
Alias Type:	APN
Alias Name:	6004-003-931
Alias Type:	APN
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Alias Type:	APN
Alias Name:	6004-004-901
Alias Type:	APN
Alias Name:	6004-004-902
Alias Type:	APN
Alias Name:	6004-004-903
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Alias Type:	APN
Alias Name:	6004-004-907
Alias Type:	APN
Alias Name:	6004-004-908
Alias Type:	APN
Alias Name:	6004-004-909
Alias Type:	APN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Name:	6004-004-910
Alias Type:	APN
Alias Name:	6004-004-911
Alias Type:	APN
Alias Name:	6004-004-912
Alias Type:	APN
Alias Name:	6004-004-913
Alias Type:	APN
Alias Name:	6004-004-914
Alias Type:	APN
Alias Name:	6004-004-915
Alias Type:	APN
Alias Name:	6004-004-916
Alias Type:	APN
Alias Name:	6004-004-917
Alias Type:	APN
Alias Name:	6004-004-918
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Alias Name:	6004-004-919
Alias Type:	APN
Alias Name:	6004-004-920
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Alias Name:	6004-004-921
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Alias Type:	APN
Alias Name:	6004-008-904
Alias Type:	APN
Alias Name:	6004-008-905
Alias Type:	APN
Alias Name:	6004-008-906

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Alias Type:	APN
Alias Name:	6004-008-907
Alias Type:	APN
Alias Name:	6004-008-908
Alias Type:	APN
Alias Name:	6004-008-909
Alias Type:	APN
Alias Name:	6004-008-910
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Alias Name:	6004-008-911
Alias Type:	APN
Alias Name:	6004-008-912
Alias Type:	APN
Alias Name:	6004-008-913
Alias Type:	APN
Alias Name:	6004-008-914
Alias Type:	APN
Alias Name:	6004-008-915
Alias Type:	APN
Alias Name:	6004-008-916
Alias Type:	APN
Alias Name:	6004-008-917
Alias Type:	APN
Alias Name:	6004-008-918
Alias Type:	APN
Alias Name:	6004-008-919
Alias Type:	APN
Alias Name:	6004-008-920
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Alias Name:	6004-008-921
Alias Type:	APN
Alias Name:	6004-008-922
Alias Type:	APN
Alias Name:	6004-008-923
Alias Type:	APN
Alias Name:	6004-008-924
Alias Type:	APN
Alias Name:	6004-008-925
Alias Type:	APN
Alias Name:	6004-008-926
Alias Type:	APN
Alias Name:	6004-008-927
Alias Type:	APN
Alias Name:	6004-008-928
Alias Type:	APN
Alias Name:	6004-008-929
Alias Type:	APN
Alias Name:	110033616692
Alias Type:	EPA (FRS #)
Alias Name:	304430
Alias Type:	Project Code (Site Code)
Alias Name:	60000026
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Completed Date: 02/10/2000  
Comments: Not reported

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 12/17/2008  
Comments: On December 17, 2008, DTSC requested a response from Ben & Eleanor Family Trust regarding conducting further investigation at 5845 Hoover Avenue, Los Angeles.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 08/19/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 06/15/2011  
Comments: DTSC certified that response action according to DTSC-approved RAW is complete. Operation and maintenance is required.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 06/04/2012  
Comments: Via email on June 4, 2012, DTSC received a PDF file of the LARWQCB concurrence letter regarding the Interim Remedial Action Plan for the V&A Car Wash area.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 11/21/2011  
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: No Further Action Letter  
Completed Date: 11/21/2011  
Comments: DTSC reviewed the soil gas monitoring report and made a No Further Action determination for the Site.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 12/21/2010  
Comments: On December 21, 2010, DTSC requested the Los Angeles Regional Water Quality Control Board to take appropriate action regarding underground storage tanks (USTs) from a former service station and auto repair shop area, located adjacent to the Site. The USTs appear to be the source of benzene contamination in soil gas at the Site.

Completed Area Name: Area A/B  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 01/05/2004  
Comments: Not reported

Completed Area Name: Area A/B  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Workplan  
Completed Date: 08/01/2005  
Comments: SSI Workplan to perform fieldwork

Completed Area Name: Area A/B  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 10/11/2005  
Comments: DTSC approved the PEA with a Further Action determination.

Completed Area Name: Area A/B  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 05/11/2006  
Comments: DTSC approved the SSI report with a Further Action determination.

Completed Area Name: Area A/B  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Tech Memo  
Completed Date: 05/11/2006  
Comments: DTSC conditionally approved the Technical Memorandum.

Completed Area Name: Southern Area  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/12/2007  
Comments: Phase 1 received as background information

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 04/26/2007  
Comments: Via email on April 26, 2007, LAUSD was notified by DTSC that PEA sampling may proceed on April 27, 2007.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 02/05/2008  
Comments: Revised PEA approved. Further Action required VOC.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 04/11/2008  
Comments: further action required; raw expected 5/9/08

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 11/21/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Comments: public comment period 8/21/08 - 9/21/08

Completed Area Name: Priority Area 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 06/30/2009  
Comments: Removal Action Completion Report No. 1 approved on 6/30/09

Completed Area Name: Area 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 06/30/2009  
Comments: Removal Action Completion Report, Area 2 approved on 6/30/2009.  
Approval contingent upon the installation of 3 nested monitoring wells to evaluate on-site migration from the former Alcoholics Anonymous facility 5851 South Hoover Street.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 08/01/2008  
Comments: DTSC approved the Community Profile, dated August 2008.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 08/01/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 09/03/2010  
Comments: In a letter to LAUSD, dated September 3, 2010, DTSC conditionally concurred with the Technical Memorandum for Soil Gas Monitoring, as a short-term O&M Plan, which proposed four quarters of soil gas monitoring at the northern edge of the former address 5851 South Hoover Street.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/09/2007  
Comments: Background Information Only

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/02/2010  
Comments: Via email on July 2, 2010, DTSC concurred with the use of 6,200 cubic yards of soil excavated from and stockpiled at the Span K-8 #1 School site as import fill at the SLAHS#3 site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/08/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Comments: Via email on July 8, 2010, DTSC concurred with use of the 6,500 cubic yard stockpiled soil (excavated from the former Westside Park area of the SRHS#7 site) as import fill for the SLAHS#3 site provided DTSC determined no further action regarding the area from where the soil originated. Via email on July 28, 2010, DTSC was informed that 5,000 cubic yards of the soil was hauled to the Site; the remaining 1,500 cubic yards is to be used elsewhere.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/08/2010  
Comments: Via email on April 8, 2010, DTSC concurred that the import material (clean screened fill sand and gravel) is acceptable for use at the SLAHS#3 site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/13/2010  
Comments: Via email on April 13, 2010, DTSC concurred that the import material (crushed aggregate base and sand) is acceptable for use at the SLAHS#3 site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/13/2010  
Comments: Via email on April 13, 2010, DTSC concurred that the import material (crushed aggregate base) is acceptable for use at the SLAHS#3 site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/22/2010  
Comments: Via email on July 7, 2010, DTSC indicated to LAUSD that a response to the Report, dated November 30, 2009, will not be provided; however, the report will be used as background information for the O&M Plan. The Report summarizes activities related to installation of a shoring wall in an area south of the off-site car wash facility, including air and soil sampling results.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/30/2010  
Comments: Via email on July 30, 2010, DTSC concurred that 14,500 cubic yards of soil from UCLA may be used as import fill at the Site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/02/2010  
Comments: On December 2, 2010, DTSC indicated that additional soil gas sampling is necessary 1) to the north and west of the off-site car wash facility to confirm no impact to the school and 2) to the south of the existing soil gas probes to determine the extent of impact. DTSC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

requested a figure identifying the proposed additional soil gas sample locations at least seven days prior to the December 2010 sampling event.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/14/2011  
Comments: On February 14, 2011, DTSC provided comments on the Report and requested the comments be addressed in future monitoring reports.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/09/2011  
Comments: Via email on May 9, 2011, DTSC indicated to LAUSD that, based on the Report, the newest soil gas probes, SV-7 and SV-8, showed elevated levels of benzene. After the June 2011 sampling event, DTSC indicated it will make a decision regarding the need for further action.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/23/2011  
Comments: DTSC reviewed the soil gas monitoring report and had no comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/05/2010  
Comments: Via email on October 5, 2010, DTSC indicated it has no further concerns regarding the soil from cells IPH-1, IPH-2, and IPH-7 at UCLA to be used as import fill for the athletic field at SLAHS#3.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/01/2010  
Comments: Via email on November 1, 2010, DTSC responded that import fill material from the Proposed Bell Education and Learning Center site may be used as import fill at SLAHS#3. 10,000 cubic yards of import soil is to be deposited in the athletic field at SLAHS#3.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 01/20/2011  
Comments: - Via email on January 20, 2011, DTSC received a PDF copy of the LARWQCB letter, dated January 18, 2011, to Ben and Elanor Friend, Trustees of Friend Family Trust, requesting additional information regarding 5845 South Hoover Street, Los Angeles, by February 18, 2011. - Via email on March 1, 2011, DTSC received a copy of the letter to Eleanor Friend from the LARWQCB, dated February 28, 2011, regarding the directive to take corrective action in response to an unauthorized UST release. The LARWQCB transmittal email indicated this letter replaces the January 18 letter which was undeliverable.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/09/2011  
Comments: On February 9, 2011, DTSC received the remaining of the documents requested by LARWQCB from LAUSD.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 04/12/2011  
Comments: Via email on April 12, 2011, DTSC received a copy of the letter to the LARWQCB on behalf of the Friend Family Trust, dated March 25, 2011, in response to the LARWQCB's letter, dated February 28, 2011.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 05/10/2011  
Comments: Via email on May 10, 2011, DTSC received a PDF copy of the LARWQCB letter to Friend Family Trust, dated May 10, 2011, outlining the requirements of corrective action to be taken in response to an unauthorized UST release.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/21/2011  
Comments: DTSC reviewed the soil gas monitoring report and made a No Further Action determination for the Site.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 10/14/2011  
Comments: Via email on October 14, 2011, DTSC received a PDF copy of the LARWQCB letter to the Friend Family Trust, dated October 13, 2011, indicating that technical documents are delinquent and are to be submitted by November 15, 2011 to LARWQCB.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 11/16/2011  
Comments: Via email on November 16, 2011, DTSC was informed that the LARWQCB is reviewing a workplan for UST removal and site assessment at the V&A Car Wash area. DTSC was provided an electronic copy of the workplan.

Completed Area Name: Off-Site Area (5845 S. Hoover St.)  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 11/21/2011  
Comments: Via email on November 21, 2011, DTSC received a PDF file of the LARWQCB concurrence letter regarding the UST Removal and Supplemental Site Assessment Workplan for the V&A Car Wash area.

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH LOS ANGELES HIGH SCHOOL NO. 3 (Continued)**

**S107737376**

Completed Sub Area Name: Not reported  
Completed Document Type: School Cleanup Agreement  
Completed Date: 09/09/2008  
Comments: Amended Master EOA to Master SCA

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**92**  
**WSW**  
**1/2-1**  
**0.665 mi.**  
**3509 ft.**

**RHONE POULENC AG CO ALCOLAC / ALCOLAC**  
**1838 WEST 62ND STREET**  
**LOS ANGELES, CA 90047**

**ENVIROSTOR S111239376**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**136 ft.**

ENVIROSTOR:  
Name: RHONE POULENC AG CO ALCOLAC / ALCOLAC  
Address: 1838 WEST 62ND STREET  
City,State,Zip: LOS ANGELES, CA 90047  
Facility ID: 60001529  
Status: No Further Action  
Status Date: 05/25/2012  
Site Code: Not reported  
Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: 1  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Javier Hinojosa  
Division Branch: Cleanup Chatsworth  
Assembly: 54  
Senate: 30  
Special Program: EPA - PASI  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: EPA Grant  
Latitude: 33.98336  
Longitude: -118.3100  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 60001529  
Alias Type: Envirostor ID Number

Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: PA/SI Site Screening

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RHONE POULENC AG CO ALCOLAC / ALCOLAC (Continued)**

**S111239376**

Completed Date: 05/15/2012  
 Comments: Not reported  
 Future Area Name: Not reported  
 Future Sub Area Name: Not reported  
 Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

**93**  
**WSW**  
 1/2-1  
 0.683 mi.  
 3606 ft.

**SOUTHERN CALIFORNIA GAS CO**  
**S. ST. ANDREWS PLACE AND W. 60TH STREET**  
**LOS ANGELES, CA 90047**

**EDR MGP 1008407710**  
**N/A**

**Relative:** Manufactured Gas Plants:  
**Lower** No additional information available  
**Actual:**  
**136 ft.**

**94**  
**SW**  
 1/2-1  
 0.695 mi.  
 3668 ft.

**WESTERN GAGE PROPERTY**  
**6300 WESTERN AVE**  
**LOS ANGELES, CA 90047**

**ENVIROSTOR S116678908**  
**LUST N/A**  
**VCP**  
**Cortese**  
**CERS**

**Relative:** ENVIROSTOR:  
**Lower** Name: WESTERN GAGE GATEWAY PARK  
**Actual:** Address: 6300 S. WESTERN AVENUE  
**136 ft.** City,State,Zip: LOS ANGELES, CA 90007  
 Facility ID: 60002006  
 Status: Refer: RWQCB  
 Status Date: 04/14/2017  
 Site Code: 301497-11  
 Site Type: Voluntary Cleanup  
 Site Type Detailed: Voluntary Cleanup  
 Acres: 0.2  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Not reported  
 Supervisor: Juli Propes  
 Division Branch: Cleanup Chatsworth  
 Assembly: 54, 59  
 Senate: 30  
 Special Program: Voluntary Cleanup Program  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Responsible Party  
 Latitude: 33.98211  
 Longitude: -118.3085  
 APN: NONE SPECIFIED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTERN GAGE PROPERTY (Continued)**

**S116678908**

Past Use: UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE  
Potential COC: Benzene TPH-gas Ethylbenzene Toluene 1,2,4-Trimethylbenzene  
1,3,5-Trimethylbenzene Xylenes  
Confirmed COC: Benzene 1,3,5-Trimethylbenzene TPH-gas Ethylbenzene Xylenes Toluene  
1,2,4-Trimethylbenzene  
Potential Description: SOIL  
Alias Name: 301497-11  
Alias Type: Project Code (Site Code)  
Alias Name: 60002006  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 12/28/2014  
Comments: Site Investigation completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 04/20/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Reimbursement Agreement  
Completed Date: 09/03/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 02/24/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Amendment - Order/Agreement  
Completed Date: 03/28/2014  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**LUST:**

Name: WESTERN GAGE PROPERTY  
Address: 6300 WESTERN AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Lead Agency: LOS ANGELES RWQCB (REGION 4)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTERN GAGE PROPERTY (Continued)**

**S116678908**

Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T10000008789](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000008789)  
Global Id: T10000008789  
Latitude: 33.98218  
Longitude: -118.30863  
Status: Completed - Case Closed  
Status Date: 09/09/2020  
Case Worker: DD  
RB Case Number: 900470243  
Local Agency: Not reported  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

**LUST:**

Global Id: T10000008789  
Contact Type: Regional Board Caseworker  
Contact Name: DALE DAILEY  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W 4th Street  
City: LOS ANGELES  
Email: [dale.dailey@waterboards.ca.gov](mailto:dale.dailey@waterboards.ca.gov)  
Phone Number: 2135766782

**LUST:**

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 04/15/2019  
Action: Monitoring Report - Semi-Annually

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 04/22/2016  
Action: Correspondence

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 04/26/2016  
Action: Site Assessment Report

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 04/16/2018  
Action: Site Assessment Report

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 09/15/2017  
Action: Remedial Progress Report

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 04/22/2016  
Action: Phase I Assessment Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTERN GAGE PROPERTY (Continued)**

**S116678908**

Global Id:	T1000008789
Action Type:	RESPONSE
Date:	12/18/2019
Action:	Well Installation Report
Global Id:	T1000008789
Action Type:	RESPONSE
Date:	04/14/2020
Action:	Other Report / Document
Global Id:	T1000008789
Action Type:	RESPONSE
Date:	07/15/2018
Action:	Monitoring Report - Semi-Annually
Global Id:	T1000008789
Action Type:	ENFORCEMENT
Date:	04/21/2016
Action:	Staff Letter
Global Id:	T1000008789
Action Type:	ENFORCEMENT
Date:	06/08/2016
Action:	Staff Letter
Global Id:	T1000008789
Action Type:	RESPONSE
Date:	03/11/2016
Action:	Other Workplan - Regulator Responded
Global Id:	T1000008789
Action Type:	RESPONSE
Date:	08/22/2016
Action:	Other Workplan - Regulator Responded
Global Id:	T1000008789
Action Type:	ENFORCEMENT
Date:	03/11/2016
Action:	Referral to Regional Board
Global Id:	T1000008789
Action Type:	ENFORCEMENT
Date:	06/14/2017
Action:	Staff Letter
Global Id:	T1000008789
Action Type:	RESPONSE
Date:	08/15/2019
Action:	Monitoring Report - Semi-Annually
Global Id:	T1000008789
Action Type:	RESPONSE
Date:	06/30/2020
Action:	Well Destruction Report
Global Id:	T1000008789
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTERN GAGE PROPERTY (Continued)**

**S116678908**

Date: 07/01/2019  
Action: Other Workplan - Regulator Responded

Global Id: T1000008789  
Action Type: ENFORCEMENT  
Date: 01/18/2018  
Action: Staff Letter

Global Id: T1000008789  
Action Type: ENFORCEMENT  
Date: 05/05/2017  
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T1000008789  
Action Type: ENFORCEMENT  
Date: 07/18/2019  
Action: Staff Letter

Global Id: T1000008789  
Action Type: ENFORCEMENT  
Date: 04/30/2020  
Action: Staff Letter

Global Id: T1000008789  
Action Type: ENFORCEMENT  
Date: 06/10/2019  
Action: Staff Letter

Global Id: T1000008789  
Action Type: ENFORCEMENT  
Date: 09/08/2020  
Action: Closure/No Further Action Letter

Global Id: T1000008789  
Action Type: ENFORCEMENT  
Date: 05/14/2019  
Action: Staff Letter

Global Id: T1000008789  
Action Type: ENFORCEMENT  
Date: 02/27/2020  
Action: Notification - Preclosure

Global Id: T1000008789  
Action Type: ENFORCEMENT  
Date: 04/27/2017  
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T1000008789  
Action Type: Other  
Date: 03/11/2016  
Action: Leak Began

Global Id: T1000008789  
Action Type: RESPONSE  
Date: 10/18/2019  
Action: Site Assessment Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTERN GAGE PROPERTY (Continued)**

**S116678908**

Global Id: T10000008789  
Action Type: Other  
Date: 03/11/2016  
Action: Leak Discovery

Global Id: T10000008789  
Action Type: Other  
Date: 03/11/2016  
Action: Leak Reported

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 04/22/2016  
Action: Phase I Assessment Report

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 03/11/2016  
Action: Site Assessment Report

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 05/05/2016  
Action: Site Assessment Report

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 03/11/2016  
Action: Other Report / Document

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 03/11/2016  
Action: CEQA Reports

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 05/23/2016  
Action: Other Report / Document

Global Id: T10000008789  
Action Type: RESPONSE  
Date: 09/15/2017  
Action: Pilot Study/ Treatability Report

**LUST:**

Global Id: T10000008789  
Status: Open - Active  
Status Date: 03/11/2016

Global Id: T10000008789  
Status: Open - Case Begin Date  
Status Date: 03/11/2016

Global Id: T10000008789  
Status: Open - Site Assessment  
Status Date: 06/08/2016



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTERN GAGE PROPERTY (Continued)**

**S116678908**

Global Id: T10000008789  
Status: Open - Verification Monitoring  
Status Date: 01/16/2018

Global Id: T10000008789  
Status: Open - Eligible for Closure  
Status Date: 02/27/2020

Global Id: T10000008789  
Status: Completed - Case Closed  
Status Date: 09/09/2020

VCP:

Name: WESTERN GAGE GATEWAY PARK  
Address: 6300 S. WESTERN AVENUE  
City,State,Zip: LOS ANGELES, CA 90007  
Facility ID: 60002006  
Site Type: Voluntary Cleanup  
Site Type Detail: Voluntary Cleanup  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 0.2  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: Juli Propes  
Division Branch: Cleanup Chatsworth  
Site Code: 301497-11  
Assembly: 54, 59  
Senate: 30  
Special Programs Code: Voluntary Cleanup Program  
Status: Refer: RWQCB  
Status Date: 04/14/2017  
Restricted Use: NO  
Funding: Responsible Party  
Lat/Long: 33.98211 / -118.3085  
APN: NONE SPECIFIED  
Past Use: UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE  
Potential COC: 30003, 30025, 30272, 30550, 30577, 30578, 30593  
Confirmed COC: 30003,30578,30025,30272,30593,30550,30577  
Potential Description: SOIL  
Alias Name: 301497-11  
Alias Type: Project Code (Site Code)  
Alias Name: 60002006  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 12/28/2014  
Comments: Site Investigation completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTERN GAGE PROPERTY (Continued)**

**S116678908**

Completed Document Type: Removal Action Workplan  
Completed Date: 04/20/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Reimbursement Agreement  
Completed Date: 09/03/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 02/24/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Amendment - Order/Agreement  
Completed Date: 03/28/2014  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**CORTESE:**

Name: WESTERN GAGE PROPERTY  
Address: 6300 WESTERN AVE  
City,State,Zip: LOS ANGELES, CA 90047  
Region: CORTESE  
Envirostor Id: Not reported  
Global ID: T10000008789  
Site/Facility Type: LUST CLEANUP SITE  
Cleanup Status: COMPLETED - CASE CLOSED  
Status Date: Not reported  
Site Code: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported  
Flag: active  
Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported  
File Name: Active Open

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WESTERN GAGE PROPERTY (Continued)**

**S116678908**

**CERS:**

Name: WESTERN GAGE PROPERTY  
 Address: 6300 WESTERN AVE  
 City,State,Zip: LOS ANGELES, CA 90047  
 Site ID: 368221  
 CERS ID: T10000008789  
 CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
 Entity Name: CHANDRA TYLER - LOS ANGELES RWQCB (REGION 4)  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: R4 UNKNOWN  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

**95**  
**SW**  
**1/2-1**  
**0.730 mi.**  
**3855 ft.**

**LONG CHEMICAL, INCORPORATED**  
**6231 S MANHATTAN PL**  
**LOS ANGELES, CA 90047**

**ENVIROSTOR** **1000231702**  
**SWEEPS UST** **N/A**  
**HIST UST**  
**CA FID UST**  
**HAZMAT**

**Relative:**  
**Lower**  
**Actual:**  
**136 ft.**

**ENVIROSTOR:**

Name: ALLIED PLASTICS CO  
 Address: 6231 SOUTH MANHATTAN PLACE  
 City,State,Zip: LOS ANGELES, CA 90047  
 Facility ID: 19300024  
 Status: Refer: Other Agency  
 Status Date: 12/08/1994  
 Site Code: Not reported  
 Site Type: Historical  
 Site Type Detailed: \* Historical  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: NONE SPECIFIED  
 Lead Agency: NONE SPECIFIED  
 Program Manager: Not reported  
 Supervisor: \* Mmonroy  
 Division Branch: Cleanup Chatsworth  
 Assembly: 54  
 Senate: 30  
 Special Program: \* Site Char & Assess Grant (CERCLA 104)  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Not reported  
 Latitude: 33.98232  
 Longitude: -118.3099  
 APN: 6001016017  
 Past Use: NONE SPECIFIED  
 Potential COC: \* UNSPECIFIED ALKALINE SOLUTIONS \* OTHER PESTICIDE CONTAINERS, 30 GALLONS OR MORE  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: LONG CHEMICAL INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LONG CHEMICAL, INCORPORATED (Continued)**

**1000231702**

Alias Type: Alternate Name  
Alias Name: 6001016017  
Alias Type: APN  
Alias Name: CAD009663295  
Alias Type: EPA Identification Number  
Alias Name: CAD982026676  
Alias Type: HWTS Identification Code  
Alias Name: 19300024  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 12/08/1994  
Comments: CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 12/01/1985  
Comments: SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 02/19/1982  
Comments: FACILITY IDENTIFIED LA CHAM OF COMM BUS DIR 1963  
HANGERS,GARMENTS,BASKETS MFG.50-99 WORKR

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SWEEPS UST:

Name: LONG CHEMICAL, INCORPORATED  
Address: 6231 S MANHATTAN PL  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2538  
Number: Not reported  
Board Of Equalization: 44-012399  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002538-000001  
Tank Status: Not reported  
Capacity: 4000  
Active Date: Not reported  
Tank Use: CHEMICAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LONG CHEMICAL, INCORPORATED (Continued)**

**1000231702**

STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: 8

Name: LONG CHEMICAL, INCORPORATED  
Address: 6231 S MANHATTAN PL  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2538  
Number: Not reported  
Board Of Equalization: 44-012399  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002538-000002  
Tank Status: Not reported  
Capacity: 4000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: Not reported

Name: LONG CHEMICAL, INCORPORATED  
Address: 6231 S MANHATTAN PL  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2538  
Number: Not reported  
Board Of Equalization: 44-012399  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002538-000003  
Tank Status: Not reported  
Capacity: 4000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: Not reported

Name: LONG CHEMICAL, INCORPORATED  
Address: 6231 S MANHATTAN PL  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2538  
Number: Not reported  
Board Of Equalization: 44-012399  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002538-000004  
Tank Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LONG CHEMICAL, INCORPORATED (Continued)**

**1000231702**

Capacity: 4000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: Not reported

Name: LONG CHEMICAL, INCORPORATED  
Address: 6231 S MANHATTAN PL  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2538  
Number: Not reported  
Board Of Equalization: 44-012399  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002538-000005  
Tank Status: Not reported  
Capacity: 4000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: Not reported

Name: LONG CHEMICAL, INCORPORATED  
Address: 6231 S MANHATTAN PL  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2538  
Number: Not reported  
Board Of Equalization: 44-012399  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002538-000006  
Tank Status: Not reported  
Capacity: 4000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: Not reported

Name: LONG CHEMICAL, INCORPORATED  
Address: 6231 S MANHATTAN PL  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2538  
Number: Not reported  
Board Of Equalization: 44-012399  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LONG CHEMICAL, INCORPORATED (Continued)**

**1000231702**

Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002538-000007  
Tank Status: Not reported  
Capacity: 4000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: Not reported

Name: LONG CHEMICAL, INCORPORATED  
Address: 6231 S MANHATTAN PL  
City: LOS ANGELES  
Status: Not reported  
Comp Number: 2538  
Number: Not reported  
Board Of Equalization: 44-012399  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-002538-000008  
Tank Status: Not reported  
Capacity: 4000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: Not reported

**HIST UST:**

Name: LONG CHEMICAL INC  
Address: 6231 S MANHATTAN PLACE  
City,State,Zip: LOS ANGELES, CA 90047  
File Number: 00027650  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027650.pdf>  
Region: STATE  
Facility ID: 00000047272  
Facility Type: Other  
Other Type: Not reported  
Contact Name: MR. HAROLD BROOKS  
Telephone: 2137532136  
Owner Name: LONG CHEMICAL, INC.  
Owner Address: 6231 S. MANHATTAN PLACE  
Owner City,St,Zip: LOS ANGELES, CA 90047  
Total Tanks: 0008

Tank Num: 001  
Container Num: 1  
Year Installed: 1978  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 1/2"  
Leak Detection: Stock Inventor

Tank Num: 002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LONG CHEMICAL, INCORPORATED (Continued)**

**1000231702**

Container Num: 2  
Year Installed: 1978  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 1/2"  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: 1978  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 1/2"  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: 1978  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 1/2"  
Leak Detection: Stock Inventor

Tank Num: 005  
Container Num: 5  
Year Installed: 1978  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 1/2"  
Leak Detection: Stock Inventor

Tank Num: 006  
Container Num: 6  
Year Installed: 1978  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 1/2"  
Leak Detection: Stock Inventor

Tank Num: 007  
Container Num: 7  
Year Installed: 1978  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 1/2"  
Leak Detection: Stock Inventor

Tank Num: 008  
Container Num: 8  
Year Installed: 1978  
Tank Capacity: 00004000



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LONG CHEMICAL, INCORPORATED (Continued)**

**1000231702**

Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 1/2"  
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 19016749  
Regulated By: UTKNI  
Regulated ID: 00047272  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2137532136  
Mail To: Not reported  
Mailing Address: 6231 S MANHATTAN PL  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LOS ANGELES 900470000  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

LOS ANGELES HM:

Name: AUSTIN DIVERSIFIED PRODUCTS, INC  
Address: 6231 S MANHATTAN PL  
City,State,Zip: LOS ANGELES, CA 90047  
Facility ID: FA0017545  
Last Run Date: 06/01/2019  
Status: INACTIVE

96  
North  
1/2-1  
0.767 mi.  
4050 ft.

**CHESTERFIELD APARTMENTS**  
**4719 NORMANDIE AVENUE**  
**LOS ANGELES, CA 90037**

**ENVIROSTOR S126143203**  
**VCP N/A**

**Relative:**  
**Higher**  
**Actual:**  
**150 ft.**

ENVIROSTOR:  
Name: CHESTERFIELD APARTMENTS  
Address: 4719 NORMANDIE AVENUE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: 60002963  
Status: Active  
Status Date: 03/16/2020  
Site Code: 301896  
Site Type: Voluntary Cleanup  
Site Type Detailed: Voluntary Cleanup  
Acres: 0.25  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Laura Radke  
Supervisor: Juli Propes  
Division Branch: Cleanup Chatsworth

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHESTERFIELD APARTMENTS (Continued)**

**S126143203**

Assembly: , 59  
Senate: , 30  
Special Program: Voluntary Cleanup Program  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 34.00034  
Longitude: -118.3004  
APN: 5016020005, 5016020006  
Past Use: DRY CLEANING  
Potential COC: Tetrachloroethylene (PCE  
Confirmed COC: Tetrachloroethylene (PCE  
Potential Description: NONE SPECIFIED  
Alias Name: 5016020005  
Alias Type: APN  
Alias Name: 5016020006  
Alias Type: APN  
Alias Name: 301896  
Alias Type: Project Code (Site Code)  
Alias Name: 60002963  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Application  
Completed Date: 03/23/2020  
Comments: App accepted. DTSC is lead agency

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 04/30/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 04/30/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/18/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Workplan  
Completed Date: 05/08/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 06/22/2020  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHESTERFIELD APARTMENTS (Continued)**

**S126143203**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 06/22/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 06/19/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 07/29/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Standard Voluntary Agreement  
Completed Date: 03/23/2020  
Comments: Executed on 3/16/2020

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: No Further Action Letter  
Completed Date: 08/31/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/09/2020  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

VCP:

Name: CHESTERFIELD APARTMENTS  
Address: 4719 NORMANDIE AVENUE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: 60002963  
Site Type: Voluntary Cleanup  
Site Type Detail: Voluntary Cleanup  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 0.25  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHESTERFIELD APARTMENTS (Continued)**

**S126143203**

Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Laura Radke  
Supervisor: Juli Propes  
Division Branch: Cleanup Chatsworth  
Site Code: 301896  
Assembly: , 59  
Senate: , 30  
Special Programs Code: Voluntary Cleanup Program  
Status: Active  
Status Date: 03/16/2020  
Restricted Use: NO  
Funding: Responsible Party  
Lat/Long: 34.00034 / -118.3004  
APN: 5016020005, 5016020006  
Past Use: DRY CLEANING  
Potential COC: 30022  
Confirmed COC: 30022  
Potential Description: NONE SPECIFIED  
Alias Name: 5016020005  
Alias Type: APN  
Alias Name: 5016020006  
Alias Type: APN  
Alias Name: 301896  
Alias Type: Project Code (Site Code)  
Alias Name: 60002963  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Application  
Completed Date: 03/23/2020  
Comments: App accepted. DTSC is lead agency

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 04/30/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 04/30/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/18/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Workplan  
Completed Date: 05/08/2020  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHESTERFIELD APARTMENTS (Continued)**

**S126143203**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 06/22/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 06/22/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 06/19/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 07/29/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Standard Voluntary Agreement  
Completed Date: 03/23/2020  
Comments: Executed on 3/16/2020

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: No Further Action Letter  
Completed Date: 08/31/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/09/2020  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

97  
SSE  
1/2-1  
0.814 mi.  
4299 ft.

**PROPOSED SOUTH REGION ELEMENTARY SCHOOL #11, SITE  
6800-6824 SOUTH VERMONT AVENUE  
LOS ANGELES, CA 90044**

**ENVIROSTOR S109034346  
SCH N/A**

**Relative:  
Higher**

ENVIROSTOR:

**Actual:  
142 ft.**

Name: PROPOSED SOUTH REGION ELEMENTARY SCHOOL #11, SITE 1  
Address: 6800-6824 SOUTH VERMONT AVENUE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: 60000852  
Status: Certified  
Status Date: 05/17/2011  
Site Code: 304596  
Site Type: School Cleanup  
Site Type Detailed: School  
Acres: 4.01  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Aslam Shareef  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 59  
Senate: 30  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.97804  
Longitude: -118.2911  
APN: 6013007027  
Past Use: MACHINE SHOP, RESIDENTIAL AREA  
Potential COC: Benzene Lead Tetrachloroethylene (PCE TPH-diesel)  
Confirmed COC: Benzene Tetrachloroethylene (PCE TPH-diesel Lead)  
Potential Description: AQUI, SOIL, SV  
Alias Name: 6013007027  
Alias Type: APN  
Alias Name: 304596  
Alias Type: Project Code (Site Code)  
Alias Name: 60000852  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: School Cleanup Agreement  
Completed Date: 08/06/2009  
Comments: received signed agreement from District

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 05/17/2011  
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED SOUTH REGION ELEMENTARY SCHOOL #11, SITE 1 (Continued)**

**S109034346**

Completed Date: 05/16/2011  
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Master Agreement  
Completed Date: 03/17/2008  
Comments: Rec'd Phase I for background only

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 03/17/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 06/04/2008  
Comments: DTSC sent approval to the district on the Scoping Document

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 10/20/2008  
Comments: PEA approval for further action was processed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 06/18/2009  
Comments: DTSC approved the SSI report with a Further Action determination.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 08/19/2009  
Comments: DTSC approved the Removal Action Workplan for implementation

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 4.15 Request  
Completed Date: 08/06/2009  
Comments: DTSC signed Form 4.15 in response to District's request

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 08/26/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Design - Preliminary/Intermediate  
Completed Date: 04/08/2010  
Comments: DTSC approved the RDD subject to City oversight

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED SOUTH REGION ELEMENTARY SCHOOL #11, SITE 1 (Continued)**

**S109034346**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 04/01/2010  
Comments: DTSC approved the technical memorandum. DTSC Complete Memo-to-File to explain variances from the approved RAW.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 03/16/2011  
Comments: DTSC approved the Removal Action Completion Report with a No Further Action determination

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**SCH:**

Name: PROPOSED SOUTH REGION ELEMENTARY SCHOOL #11, SITE 1  
Address: 6800-6824 SOUTH VERMONT AVENUE  
City,State,Zip: LOS ANGELES, CA 90044  
Facility ID: 60000852  
Site Type: School Cleanup  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 4.01  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Aslam Shareef  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 304596  
Assembly: 59  
Senate: 30  
Special Program Status: Not reported  
Status: Certified  
Status Date: 05/17/2011  
Restricted Use: NO  
Funding: School District  
Latitude: 33.97804  
Longitude: -118.2911  
APN: 6013007027  
Past Use: MACHINE SHOP, RESIDENTIAL AREA  
Potential COC: Benzene, Lead, Tetrachloroethylene (PCE, TPH-diesel)  
Confirmed COC: Benzene, Tetrachloroethylene (PCE, TPH-diesel, Lead  
Potential Description: AQUIC, SOIL, SV  
Alias Name: 6013007027



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED SOUTH REGION ELEMENTARY SCHOOL #11, SITE 1 (Continued)**

**S109034346**

Alias Type: APN  
Alias Name: 304596  
Alias Type: Project Code (Site Code)  
Alias Name: 60000852  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: School Cleanup Agreement  
Completed Date: 08/06/2009  
Comments: received signed agreement from District

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 05/17/2011  
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 05/16/2011  
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Master Agreement  
Completed Date: 03/17/2008  
Comments: Rec'd Phase I for background only

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 03/17/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 06/04/2008  
Comments: DTSC sent approval to the district on the Scoping Document

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 10/20/2008  
Comments: PEA approval for further action was processed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 06/18/2009  
Comments: DTSC approved the SSI report with a Further Action determination.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PROPOSED SOUTH REGION ELEMENTARY SCHOOL #11, SITE 1 (Continued)**

**S109034346**

Completed Document Type: Removal Action Workplan  
 Completed Date: 08/19/2009  
 Comments: DTSC approved the Removal Action Workplan for implementation

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: 4.15 Request  
 Completed Date: 08/06/2009  
 Comments: DTSC signed Form 4.15 in response to District's request

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Removal Action Completion Report  
 Completed Date: 08/26/2010  
 Comments: Not reported

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Remedial Design - Preliminary/Intermediate  
 Completed Date: 04/08/2010  
 Comments: DTSC approved the RDD subject to City oversight

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Technical Workplan  
 Completed Date: 04/01/2010  
 Comments: DTSC approved the technical memorandum. DTSC Complete Memo-to-File to explain variances from the approved RAW.

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Removal Action Completion Report  
 Completed Date: 03/16/2011  
 Comments: DTSC approved the Removal Action Completion Report with a No Further Action determination

Future Area Name: Not reported  
 Future Sub Area Name: Not reported  
 Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

98  
 NNE  
 1/2-1  
 0.876 mi.  
 4625 ft.

**MANUAL ARTS NEW PRIMARY CENTER NO. 2**  
**46TH STREET/SOUTH VERMONT AVENUE**  
**LOS ANGELES, CA 90037**

**ENVIROSTOR S105628500**  
**SCH N/A**

**Relative:**  
**Higher**  
**Actual:**  
**160 ft.**

ENVIROSTOR:  
 Name: MANUAL ARTS NEW PRIMARY CENTER NO. 2  
 Address: 46TH STREET/SOUTH VERMONT AVENUE  
 City,State,Zip: LOS ANGELES, CA 90037  
 Facility ID: 19390059  
 Status: No Further Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANUAL ARTS NEW PRIMARY CENTER NO. 2 (Continued)**

**S105628500**

Status Date: 11/19/2003  
Site Code: 304362  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 1.67  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Javier Hinojosa  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 53  
Senate: 30  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 34.05227  
Longitude: -118.2527  
APN: NONE SPECIFIED  
Past Use: MANUFACTURING - OTHER  
Potential COC: Chromium VI Tetrachloroethylene (PCE TPH-diesel Xylenes Toluene)  
Confirmed COC: NONE SPECIFIED  
Potential Description: SOIL, SV  
Alias Name: LAUSD-MANUAL ARTS NEW PRIMARY CTR # 2  
Alias Type: Alternate Name  
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: MANUAL ARTS NEW PRIMARY CENTER #2 (PROP)  
Alias Type: Alternate Name  
Alias Name: MANUAL ARTS NEW PRIMARY CENTER NO. 2  
Alias Type: Alternate Name  
Alias Name: 304362  
Alias Type: Project Code (Site Code)  
Alias Name: 19390059  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 03/06/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 10/28/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/15/2005  
Comments: INC

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANUAL ARTS NEW PRIMARY CENTER NO. 2 (Continued)**

**S105628500**

Completed Document Type: Other Report  
Completed Date: 12/01/2001  
Comments: Initial Study Draft

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 11/19/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 07/21/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 02/10/2000  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SCH:

Name: MANUAL ARTS NEW PRIMARY CENTER NO. 2  
Address: 46TH STREET/SOUTH VERMONT AVENUE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: 19390059  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 1.67  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: Javier Hinojosa  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 304362  
Assembly: 53  
Senate: 30  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 11/19/2003  
Restricted Use: NO  
Funding: School District

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANUAL ARTS NEW PRIMARY CENTER NO. 2 (Continued)**

**S105628500**

Latitude: 34.05227  
Longitude: -118.2527  
APN: NONE SPECIFIED  
Past Use: MANUFACTURING - OTHER  
Potential COC: Chromium VI, Chromium VI, Tetrachloroethylene (PCE, TPH-diesel, Xylenes, Toluene  
Confirmed COC: NONE SPECIFIED  
Potential Description: SOIL, SV  
Alias Name: LAUSD-MANUAL ARTS NEW PRIMARY CTR # 2  
Alias Type: Alternate Name  
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: MANUAL ARTS NEW PRIMARY CENTER #2 (PROP)  
Alias Type: Alternate Name  
Alias Name: MANUAL ARTS NEW PRIMARY CENTER NO. 2  
Alias Type: Alternate Name  
Alias Name: 304362  
Alias Type: Project Code (Site Code)  
Alias Name: 19390059  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 03/06/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 10/28/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/15/2005  
Comments: INC

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/01/2001  
Comments: Initial Study Draft

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 11/19/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 07/21/2003  
Comments: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MANUAL ARTS NEW PRIMARY CENTER NO. 2 (Continued)**

**S105628500**

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Environmental Oversight Agreement  
 Completed Date: 02/10/2000  
 Comments: Not reported

Future Area Name: Not reported  
 Future Sub Area Name: Not reported  
 Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

**99**  
**WSW**  
**1/2-1**  
**0.894 mi.**  
**4720 ft.**

**BRIGHT STAR PROPOSED SCHOOL SITE**  
**1915 THROUGH 1951 W. GAGE AVENUE**  
**LOS ANGELES, CA 90016**

**ENVIROSTOR** **S109422404**  
**SCH** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**136 ft.**

**ENVIROSTOR:**  
 Name: BRIGHT STAR PROPOSED SCHOOL SITE  
 Address: 1915 THROUGH 1951 W. GAGE AVENUE  
 City,State,Zip: LOS ANGELES, CA 90016  
 Facility ID: 60001028  
 Status: Inactive - Needs Evaluation  
 Status Date: 01/29/2009  
 Site Code: 304615  
 Site Type: School Investigation  
 Site Type Detailed: School  
 Acres: 2.14  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Not reported  
 Supervisor: Shahir Haddad  
 Division Branch: Southern California Schools & Brownfields Outreach  
 Assembly: 47  
 Senate: 30  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: School District  
 Latitude: 33.98185  
 Longitude: -118.3129  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: 304615  
 Alias Type: Project Code (Site Code)  
 Alias Name: 60001028  
 Alias Type: Envirostor ID Number

Completed Info:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRIGHT STAR PROPOSED SCHOOL SITE (Continued)**

**S109422404**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 01/23/2009  
Comments: Sent fully executed agreement to district.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 09/18/2012  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**SCH:**

Name: BRIGHT STAR PROPOSED SCHOOL SITE  
Address: 1915 THROUGH 1951 W. GAGE AVENUE  
City,State,Zip: LOS ANGELES, CA 90016  
Facility ID: 60001028  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 2.14  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 304615  
Assembly: 47  
Senate: 30  
Special Program Status: Not reported  
Status: Inactive - Needs Evaluation  
Status Date: 01/29/2009  
Restricted Use: NO  
Funding: School District  
Latitude: 33.98185  
Longitude: -118.3129  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 304615  
Alias Type: Project Code (Site Code)  
Alias Name: 60001028

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BRIGHT STAR PROPOSED SCHOOL SITE (Continued)**

**S109422404**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Environmental Oversight Agreement  
 Completed Date: 01/23/2009  
 Comments: Sent fully executed agreement to district.

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Cost Recovery Closeout Memo  
 Completed Date: 09/18/2012  
 Comments: Not reported

Future Area Name: Not reported  
 Future Sub Area Name: Not reported  
 Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

**100  
 NW  
 1/2-1  
 0.959 mi.  
 5064 ft.**

**SOUTH REGION MS #6, SITE 2A 5640025  
 1720 W. 47TH STREET  
 LOS ANGELES, CA 90062**

**ENVIROSTOR S107737385  
 SCH N/A  
 CERS**

**Relative:  
 Lower  
 Actual:  
 138 ft.**

ENVIROSTOR:

Name: SOUTH REGION MS #6, SITE 2A 5640025  
 Address: 1720 W. 47TH STREET  
 City,State,Zip: LOS ANGELES, CA 90062  
 Facility ID: 60000117  
 Status: Certified  
 Status Date: 05/06/2009  
 Site Code: 304512  
 Site Type: School Cleanup  
 Site Type Detailed: School  
 Acres: 5.78  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Stephanie Lewis  
 Supervisor: Javier Hinojosa  
 Division Branch: Southern California Schools & Brownfields Outreach  
 Assembly: 54  
 Senate: 30  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: School District  
 Latitude: 34.00073  
 Longitude: -118.3098  
 APN: 5016-015-00, 5016-015-002, 5016-015-003, 5016-015-004, 5016-015-005,  
 5016-015-005, 5016-015-006, 5016-015-007, 5016-015-008, 5016-015-009,



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH REGION MS #6, SITE 2A 5640025 (Continued)**

**S107737385**

5016-015-010, 5016-015-011, 5016-015-012, 5016-015-013, 5016-015-014,  
5016-015-015, 5016-015-016, 5016-015-018, 5016-015-020, 5016-015-021,  
5016-015-021, 5016-015-022, 5016-015-023, 5016-015-024, 5016-015-025,  
5016-015-026, 5016-015-027, 5016-015-028, 5016-016-001, 5016-016-002,  
5016-016-003, 5016-016-006, 5016-016-006, 5016-016-007, 5016-016-008,  
5016-016-009, 5016-016-010, 5016-016-011, 5016-016-012, 5016-016-013,  
5016-016-014, 5016-016-015, 5016-016-016, 5016016016, 5016016907

Past Use: RESIDENTIAL AREA

Potential COC: Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas

Confirmed COC: 30018-NO 30019-NO 30024-NO 30025-NO 30013-NO

Potential Description: SOIL, SV, IA

Alias Name: LAUSD-SOUTH REGION MID #6 2A 5640025

Alias Type: Alternate Name

Alias Name: South Region MS #6, Site 3

Alias Type: Alternate Name

Alias Name: South Region MS #6, Site 3

Alias Type: Alternate Name

Alias Name: 5016-015-00

Alias Type: APN

Alias Name: 5016-015-002

Alias Type: APN

Alias Name: 5016-015-003

Alias Type: APN

Alias Name: 5016-015-004

Alias Type: APN

Alias Name: 5016-015-005

Alias Type: APN

Alias Name: 5016-015-005

Alias Type: APN

Alias Name: 5016-015-006

Alias Type: APN

Alias Name: 5016-015-007

Alias Type: APN

Alias Name: 5016-015-008

Alias Type: APN

Alias Name: 5016-015-009

Alias Type: APN

Alias Name: 5016-015-010

Alias Type: APN

Alias Name: 5016-015-011

Alias Type: APN

Alias Name: 5016-015-012

Alias Type: APN

Alias Name: 5016-015-013

Alias Type: APN

Alias Name: 5016-015-014

Alias Type: APN

Alias Name: 5016-015-015

Alias Type: APN

Alias Name: 5016-015-016

Alias Type: APN

Alias Name: 5016-015-018

Alias Type: APN

Alias Name: 5016-015-020

Alias Type: APN

Alias Name: 5016-015-021

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH REGION MS #6, SITE 2A 5640025 (Continued)**

**S107737385**

Alias Type:	APN
Alias Name:	5016-015-021
Alias Type:	APN
Alias Name:	5016-015-022
Alias Type:	APN
Alias Name:	5016-015-023
Alias Type:	APN
Alias Name:	5016-015-024
Alias Type:	APN
Alias Name:	5016-015-025
Alias Type:	APN
Alias Name:	5016-015-026
Alias Type:	APN
Alias Name:	5016-015-027
Alias Type:	APN
Alias Name:	5016-015-028
Alias Type:	APN
Alias Name:	5016-016-001
Alias Type:	APN
Alias Name:	5016-016-002
Alias Type:	APN
Alias Name:	5016-016-003
Alias Type:	APN
Alias Name:	5016-016-006
Alias Type:	APN
Alias Name:	5016-016-006
Alias Type:	APN
Alias Name:	5016-016-007
Alias Type:	APN
Alias Name:	5016-016-008
Alias Type:	APN
Alias Name:	5016-016-009
Alias Type:	APN
Alias Name:	5016-016-010
Alias Type:	APN
Alias Name:	5016-016-011
Alias Type:	APN
Alias Name:	5016-016-012
Alias Type:	APN
Alias Name:	5016-016-013
Alias Type:	APN
Alias Name:	5016-016-014
Alias Type:	APN
Alias Name:	5016-016-015
Alias Type:	APN
Alias Name:	5016-016-016
Alias Type:	APN
Alias Name:	5016016016
Alias Type:	APN
Alias Name:	5016016907
Alias Type:	APN
Alias Name:	110033616807
Alias Type:	EPA (FRS #)
Alias Name:	304512
Alias Type:	Project Code (Site Code)
Alias Name:	60000117
Alias Type:	Envirostor ID Number

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH REGION MS #6, SITE 2A 5640025 (Continued)**

**S107737385**

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 05/06/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 06/15/2007  
Comments: CRU memo generated 6/15/2007

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 01/18/2006  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 10/27/2006  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 03/19/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 05/24/2007  
Comments: RACR approval forwarded to LAUSD on 5/25/07

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/16/2010  
Comments: Phase I submitted for background information only

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 03/19/2007  
Comments: RAW approved and implemented; site has been certified.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 03/19/2007  
Comments: 3/10/2011 - Spanish fact sheet uploaded

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH REGION MS #6, SITE 2A 5640025 (Continued)**

**S107737385**

Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 07/20/2005  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 07/25/2005  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**SCH:**

Name: SOUTH REGION MS #6, SITE 2A 5640025  
Address: 1720 W. 47TH STREET  
City,State,Zip: LOS ANGELES, CA 90062  
Facility ID: 60000117  
Site Type: School Cleanup  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 5.78  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Stephanie Lewis  
Supervisor: Javier Hinojosa  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 304512  
Assembly: 54  
Senate: 30  
Special Program Status: Not reported  
Status: Certified  
Status Date: 05/06/2009  
Restricted Use: NO  
Funding: School District  
Latitude: 34.00073  
Longitude: -118.3098  
APN: 5016-015-00, 5016-015-002, 5016-015-003, 5016-015-004, 5016-015-005, 5016-015-005, 5016-015-006, 5016-015-007, 5016-015-008, 5016-015-009, 5016-015-010, 5016-015-011, 5016-015-012, 5016-015-013, 5016-015-014, 5016-015-015, 5016-015-016, 5016-015-018, 5016-015-020, 5016-015-021, 5016-015-021, 5016-015-022, 5016-015-023, 5016-015-024, 5016-015-025, 5016-015-026, 5016-015-027, 5016-015-028, 5016-016-001, 5016-016-002, 5016-016-003, 5016-016-006, 5016-016-006, 5016-016-007, 5016-016-008, 5016-016-009, 5016-016-010, 5016-016-011, 5016-016-012, 5016-016-013, 5016-016-014, 5016-016-015, 5016-016-016, 5016016016, 5016016907  
Past Use: RESIDENTIAL AREA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH REGION MS #6, SITE 2A 5640025 (Continued)**

**S107737385**

Potential COC: Lead, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, TPH-diesel, TPH-gas  
Confirmed COC: 30018-NO, 30019-NO, 30024-NO, 30025-NO, 30013-NO  
Potential Description: SOIL, SV, IA  
Alias Name: LAUSD-SOUTH REGION MID #6 2A 5640025  
Alias Type: Alternate Name  
Alias Name: South Region MS #6, Site 3  
Alias Type: Alternate Name  
Alias Name: South Region MS #6, Site 3  
Alias Type: Alternate Name  
Alias Name: 5016-015-00  
Alias Type: APN  
Alias Name: 5016-015-002  
Alias Type: APN  
Alias Name: 5016-015-003  
Alias Type: APN  
Alias Name: 5016-015-004  
Alias Type: APN  
Alias Name: 5016-015-005  
Alias Type: APN  
Alias Name: 5016-015-005  
Alias Type: APN  
Alias Name: 5016-015-006  
Alias Type: APN  
Alias Name: 5016-015-007  
Alias Type: APN  
Alias Name: 5016-015-008  
Alias Type: APN  
Alias Name: 5016-015-009  
Alias Type: APN  
Alias Name: 5016-015-010  
Alias Type: APN  
Alias Name: 5016-015-011  
Alias Type: APN  
Alias Name: 5016-015-012  
Alias Type: APN  
Alias Name: 5016-015-013  
Alias Type: APN  
Alias Name: 5016-015-014  
Alias Type: APN  
Alias Name: 5016-015-015  
Alias Type: APN  
Alias Name: 5016-015-016  
Alias Type: APN  
Alias Name: 5016-015-018  
Alias Type: APN  
Alias Name: 5016-015-020  
Alias Type: APN  
Alias Name: 5016-015-021  
Alias Type: APN  
Alias Name: 5016-015-021  
Alias Type: APN  
Alias Name: 5016-015-022  
Alias Type: APN  
Alias Name: 5016-015-023  
Alias Type: APN  
Alias Name: 5016-015-024

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH REGION MS #6, SITE 2A 5640025 (Continued)**

**S107737385**

Alias Type: APN  
Alias Name: 5016-015-025  
Alias Type: APN  
Alias Name: 5016-015-026  
Alias Type: APN  
Alias Name: 5016-015-027  
Alias Type: APN  
Alias Name: 5016-015-028  
Alias Type: APN  
Alias Name: 5016-016-001  
Alias Type: APN  
Alias Name: 5016-016-002  
Alias Type: APN  
Alias Name: 5016-016-003  
Alias Type: APN  
Alias Name: 5016-016-006  
Alias Type: APN  
Alias Name: 5016-016-006  
Alias Type: APN  
Alias Name: 5016-016-007  
Alias Type: APN  
Alias Name: 5016-016-008  
Alias Type: APN  
Alias Name: 5016-016-009  
Alias Type: APN  
Alias Name: 5016-016-010  
Alias Type: APN  
Alias Name: 5016-016-011  
Alias Type: APN  
Alias Name: 5016-016-012  
Alias Type: APN  
Alias Name: 5016-016-013  
Alias Type: APN  
Alias Name: 5016-016-014  
Alias Type: APN  
Alias Name: 5016-016-015  
Alias Type: APN  
Alias Name: 5016-016-016  
Alias Type: APN  
Alias Name: 5016016016  
Alias Type: APN  
Alias Name: 5016016907  
Alias Type: APN  
Alias Name: 110033616807  
Alias Type: EPA (FRS #)  
Alias Name: 304512  
Alias Type: Project Code (Site Code)  
Alias Name: 60000117  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 05/06/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH REGION MS #6, SITE 2A 5640025 (Continued)**

**S107737385**

Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 06/15/2007  
Comments: CRU memo generated 6/15/2007

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 01/18/2006  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 10/27/2006  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 03/19/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 05/24/2007  
Comments: RACR approval forwarded to LAUSD on 5/25/07

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/16/2010  
Comments: Phase I submitted for background information only

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 03/19/2007  
Comments: RAW approved and implemented; site has been certified.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 03/19/2007  
Comments: 3/10/2011 - Spanish fact sheet uploaded

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 07/20/2005  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 07/25/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH REGION MS #6, SITE 2A 5640025 (Continued)**

**S107737385**

Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**CERS:**

Name: SOUTH REGION MS #6,  
Address: 1720 W. 47TH STREET  
City,State,Zip: LOS ANGELES, CA 90062  
Site ID: 343305  
CERS ID: 60000117  
CERS Description: School Cleanup

**Affiliation:**

Affiliation Type Desc: Supervisor  
Entity Name: JAVIER HINOJOSA  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Lead Project Manager  
Entity Name: stephanie lewis  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: CHATSWORTH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

101  
North  
1/2-1  
0.986 mi.  
5208 ft.

**BARTON-JONES CHEMICAL CO.**  
**1207 W. VERNON AVE**  
**LOS ANGELES, CA 90037**

**ENVIROSTOR S101480626**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**158 ft.**

**ENVIROSTOR:**  
Name: BARTON-JONES CHEMICAL CO.  
Address: 1207 W. VERNON AVE  
City,State,Zip: LOS ANGELES, CA 90037  
Facility ID: 19280552  
Status: No Further Action  
Status Date: 11/07/1994  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARTON-JONES CHEMICAL CO. (Continued)**

**S101480626**

Acres: 0  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: \* Mmonroy  
Division Branch: Cleanup Chatsworth  
Assembly: 53  
Senate: 24  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 34.04865  
Longitude: -118.2921  
APN: 5078028023  
Past Use: NONE  
Potential COC: NONE SPECIFIED No Contaminants found  
Confirmed COC: No Contaminants found  
Potential Description: NMA  
Alias Name: 5078028023  
Alias Type: APN  
Alias Name: CAD981373780  
Alias Type: EPA Identification Number  
Alias Name: 19280552  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 11/07/1994  
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 02/08/1988  
Comments: SITE SCREENING DONE PAL BASED ON LACK OF INFO

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 12/01/1985  
Comments: VERY LITTLE INFO.MORE DETAIL INVEST NEED POSSIBLE CONTAMINATED SOIL DUE TO OPER. SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 07/21/1982  
Comments: FACILITY IDENTIFIED ID 1947 PAC. TELE. DIR. CHEMICALS.

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARTON-JONES CHEMICAL CO. (Continued)**

**S101480626**

Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	S109422338	SOUTHERN CALIFORNIA DISPOSAL	186TH STREET AND VERMONT AVENU		SWF/LF, LOS ANGELES CO LF METHANE
LOS ANGELES	S120714338	METRO RAIL TO RIVER PROJECT	RAILROAD RIGHT-OF-WAY FROM WES	90043	ENVIROSTOR, VCP
LOS ANGELES	S121697734	SWEDISH HAND LAUNDRY INC	1744 REAR 59TH PL	90047	DRYCLEANERS

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: N/A
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 03/04/2021
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: N/A
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 03/04/2021
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 02/09/2021  
Number of Days to Update: 26

Source: EPA  
Telephone: N/A  
Last EDR Contact: 03/04/2021  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019  
Date Data Arrived at EDR: 04/05/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 12/23/2020  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 02/18/2021  
Number of Days to Update: 35

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 03/04/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 800-424-9346
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/04/2021
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020	Source: EPA
Date Data Arrived at EDR: 12/17/2020	Telephone: 800-424-9346
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/11/2020	Source: Department of the Navy
Date Data Arrived at EDR: 11/17/2020	Telephone: 843-820-7326
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 02/08/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 02/23/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 02/23/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020  
Date Data Arrived at EDR: 12/15/2020  
Date Made Active in Reports: 12/22/2020  
Number of Days to Update: 7

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 12/15/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Quarterly

## **State- and tribal - equivalent NPL**

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/26/2020  
Date Data Arrived at EDR: 10/26/2020  
Date Made Active in Reports: 01/13/2021  
Number of Days to Update: 79

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/26/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Quarterly

## **State- and tribal - equivalent CERCLIS**

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/26/2020  
Date Data Arrived at EDR: 10/26/2020  
Date Made Active in Reports: 01/13/2021  
Number of Days to Update: 79

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/26/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Quarterly

## **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/09/2020  
Date Data Arrived at EDR: 11/10/2020  
Date Made Active in Reports: 01/14/2021  
Number of Days to Update: 65

Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 02/09/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: Quarterly

## **State and tribal leaking storage tank lists**



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

## LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

## LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6710  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/22/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004  
Date Data Arrived at EDR: 02/26/2004  
Date Made Active in Reports: 03/24/2004  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-776-8943  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2020  
Date Data Arrived at EDR: 12/04/2020  
Date Made Active in Reports: 02/18/2021  
Number of Days to Update: 76

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 03/09/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Quarterly

## LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020  
Date Data Arrived at EDR: 05/20/2020  
Date Made Active in Reports: 08/12/2020  
Number of Days to Update: 84

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 12/16/2020  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020  
Date Data Arrived at EDR: 05/20/2020  
Date Made Active in Reports: 08/12/2020  
Number of Days to Update: 84

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 12/16/2020  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-8677
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020	Source: EPA Region 1
Date Data Arrived at EDR: 05/20/2020	Telephone: 617-918-1313
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6271
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020	Source: EPA, Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-7439
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-6597
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/20/2020	Telephone: 415-972-3372
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003  
Date Data Arrived at EDR: 04/07/2003  
Date Made Active in Reports: 04/25/2003  
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: No Update Planned

## SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006  
Date Data Arrived at EDR: 05/18/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

## SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: No Update Planned

## **State and tribal registered storage tank lists**

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 07/21/2020  
Date Data Arrived at EDR: 09/03/2020  
Date Made Active in Reports: 11/25/2020  
Number of Days to Update: 83

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 01/04/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Varies

### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/04/2020  
Date Data Arrived at EDR: 12/04/2020  
Date Made Active in Reports: 02/18/2021  
Number of Days to Update: 76

Source: SWRCB  
Telephone: 916-341-5851  
Last EDR Contact: 03/09/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 12/02/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/08/2020	Telephone: 916-327-7844
Date Made Active in Reports: 02/23/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

## MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/04/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/09/2020
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/29/2021
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020	Source: EPA Region 9
Date Data Arrived at EDR: 05/20/2020	Telephone: 415-972-3368
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2020	Telephone: 913-551-7003
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-6136
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 05/20/2020	Telephone: 617-918-1313
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6137
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 10
Date Data Arrived at EDR: 05/20/2020	Telephone: 206-553-2857
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/15/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-9424
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## ***State and tribal voluntary cleanup sites***

### VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/26/2020  
Date Data Arrived at EDR: 10/26/2020  
Date Made Active in Reports: 01/13/2021  
Number of Days to Update: 79

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/26/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Quarterly

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 12/15/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Varies

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

## **State and tribal Brownfields sites**

### BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/17/2020  
Date Data Arrived at EDR: 12/17/2020  
Date Made Active in Reports: 03/09/2021  
Number of Days to Update: 82

Source: State Water Resources Control Board  
Telephone: 916-323-7905  
Last EDR Contact: 12/17/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Quarterly

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/11/2020  
Date Data Arrived at EDR: 12/11/2020  
Date Made Active in Reports: 03/02/2021  
Number of Days to Update: 81

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/11/2020  
Next Scheduled EDR Contact: 03/29/2021  
Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000  
Date Data Arrived at EDR: 04/10/2000  
Date Made Active in Reports: 05/10/2000  
Number of Days to Update: 30

Source: State Water Resources Control Board  
Telephone: 916-227-4448  
Last EDR Contact: 01/25/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/07/2020  
Date Data Arrived at EDR: 12/08/2020  
Date Made Active in Reports: 02/22/2021  
Number of Days to Update: 76

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 03/09/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 02/08/2021  
Number of Days to Update: 77

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 02/08/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: Varies

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 01/25/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Varies

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/19/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: No Update Planned

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/29/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Lists of Hazardous waste / Contaminated Sites**

### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/09/2020	Telephone: 202-307-1000
Date Made Active in Reports: 03/02/2021	Last EDR Contact: 02/22/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: No Update Planned

### **HIST CAL-SITES: Calsites Database**

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

### **SCH: School Property Evaluation Program**

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/26/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/26/2020	Telephone: 916-323-3400
Date Made Active in Reports: 01/13/2021	Last EDR Contact: 01/26/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Quarterly

### **CDL: Clandestine Drug Labs**

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/28/2020	Telephone: 916-255-6504
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Varies

### **TOXIC PITS: Toxic Pits Cleanup Act Sites**

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

### **CERS HAZ WASTE: CERS HAZ WASTE**

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2020  
Date Data Arrived at EDR: 10/19/2020  
Date Made Active in Reports: 01/07/2021  
Number of Days to Update: 80

Source: CalEPA  
Telephone: 916-323-2514  
Last EDR Contact: 01/20/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Quarterly

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/07/2020  
Date Data Arrived at EDR: 12/09/2020  
Date Made Active in Reports: 03/02/2021  
Number of Days to Update: 83

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/22/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: Quarterly

## PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/07/2020  
Date Data Arrived at EDR: 12/08/2020  
Date Made Active in Reports: 02/22/2021  
Number of Days to Update: 76

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 02/24/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Varies

## Local Lists of Registered Storage Tanks

### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994  
Date Data Arrived at EDR: 07/07/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990  
Date Data Arrived at EDR: 01/25/1991  
Date Made Active in Reports: 02/12/1991  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 11/05/2020  
Date Data Arrived at EDR: 11/06/2020  
Date Made Active in Reports: 01/26/2021  
Number of Days to Update: 81

Source: San Francisco County Department of Public Health  
Telephone: 415-252-3896  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/19/2020	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2020	Telephone: 916-323-2514
Date Made Active in Reports: 01/07/2021	Last EDR Contact: 01/20/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Quarterly

## **Local Land Records**

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/24/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/30/2020	Telephone: 916-323-3400
Date Made Active in Reports: 02/10/2021	Last EDR Contact: 02/26/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/30/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2021	Telephone: 202-564-6023
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/04/2021
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 11/30/2020	Source: DTSC and SWRCB
Date Data Arrived at EDR: 12/01/2020	Telephone: 916-323-3400
Date Made Active in Reports: 02/12/2021	Last EDR Contact: 03/03/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/20/2020	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/22/2020	Telephone: 202-366-4555
Date Made Active in Reports: 12/14/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

## CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2020	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/19/2020	Telephone: 916-845-8400
Date Made Active in Reports: 01/07/2021	Last EDR Contact: 01/20/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Semi-Annually

## LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2020	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

## MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/2020  
Date Data Arrived at EDR: 12/17/2020  
Date Made Active in Reports: 12/22/2020  
Number of Days to Update: 5

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 12/17/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Quarterly

## FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 09/29/2020  
Date Data Arrived at EDR: 11/17/2020  
Date Made Active in Reports: 01/25/2021  
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 02/17/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/15/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Semi-Annually

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/11/2018  
Date Made Active in Reports: 11/06/2019  
Number of Days to Update: 574

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 01/07/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 02/09/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/21/2020  
Date Data Arrived at EDR: 09/22/2020  
Date Made Active in Reports: 12/14/2020  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 12/17/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 02/02/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 02/05/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 12/18/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 03/29/2021
	Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 02/02/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/31/2021
	Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2020	Source: EPA
Date Data Arrived at EDR: 10/19/2020	Telephone: 202-564-4203
Date Made Active in Reports: 01/04/2021	Last EDR Contact: 01/21/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 02/18/2021  
Number of Days to Update: 35

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/04/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2020  
Date Data Arrived at EDR: 11/12/2020  
Date Made Active in Reports: 01/25/2021  
Number of Days to Update: 74

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 01/19/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 03/05/2021  
Number of Days to Update: 50

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 03/11/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019  
Date Data Arrived at EDR: 10/11/2019  
Date Made Active in Reports: 12/20/2019  
Number of Days to Update: 70

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 01/08/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/30/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Quarterly

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/10/2020	Telephone: 301-415-7169
Date Made Active in Reports: 10/08/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Quarterly

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 03/05/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 03/02/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/05/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 01/08/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 01/27/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2020  
Date Data Arrived at EDR: 10/08/2020  
Date Made Active in Reports: 01/04/2021  
Number of Days to Update: 88

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/04/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/22/2020  
Date Made Active in Reports: 11/20/2020  
Number of Days to Update: 151

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 12/23/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/08/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017  
Date Data Arrived at EDR: 09/11/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 3

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 02/02/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019  
Date Data Arrived at EDR: 11/15/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 74

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/18/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 02/09/2021  
Number of Days to Update: 26

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 03/04/2021  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/03/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 01/25/2021  
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/24/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: Semi-Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/24/2020  
Date Data Arrived at EDR: 11/30/2020  
Date Made Active in Reports: 01/25/2021  
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 03/01/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Quarterly

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 02/26/2021
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/11/2020	Source: Department of Interior
Date Data Arrived at EDR: 12/11/2020	Telephone: 202-208-2609
Date Made Active in Reports: 03/02/2021	Last EDR Contact: 03/08/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2020	Source: EPA
Date Data Arrived at EDR: 12/01/2020	Telephone: (415) 947-8000
Date Made Active in Reports: 01/25/2021	Last EDR Contact: 03/03/2021
Number of Days to Update: 55	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018	Source: Department of Defense
Date Data Arrived at EDR: 07/02/2020	Telephone: 703-704-1564
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 01/15/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2020	Telephone: 202-564-0527
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 02/26/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/03/2020  
Date Data Arrived at EDR: 10/06/2020  
Date Made Active in Reports: 01/04/2021  
Number of Days to Update: 90

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 01/08/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Quarterly

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/13/2020  
Date Data Arrived at EDR: 11/13/2020  
Date Made Active in Reports: 01/25/2021  
Number of Days to Update: 73

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 02/17/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Quarterly

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/17/2020  
Date Data Arrived at EDR: 12/17/2020  
Date Made Active in Reports: 03/09/2021  
Number of Days to Update: 82

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 12/17/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Quarterly

## CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/14/2019  
Date Made Active in Reports: 07/17/2019  
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department  
Telephone: 925-454-2361  
Last EDR Contact: 02/12/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: Varies

## DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/17/2020  
Date Data Arrived at EDR: 11/18/2020  
Date Made Active in Reports: 02/04/2021  
Number of Days to Update: 78

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 02/22/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: Varies

## DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/23/2020  
Date Data Arrived at EDR: 11/25/2020  
Date Made Active in Reports: 02/10/2021  
Number of Days to Update: 77

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Annually

**DRYCLEAN AVAQMD:** Antelope Valley Air Quality Management District Drycleaner Listing  
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/23/2020  
Date Data Arrived at EDR: 11/24/2020  
Date Made Active in Reports: 02/10/2021  
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District  
Telephone: 661-723-8070  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Varies

**EMI:** Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 06/16/2020  
Date Made Active in Reports: 08/28/2020  
Number of Days to Update: 73

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 12/18/2020  
Next Scheduled EDR Contact: 03/29/2021  
Data Release Frequency: Varies

**ENF:** Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2020  
Date Data Arrived at EDR: 10/19/2020  
Date Made Active in Reports: 01/07/2021  
Number of Days to Update: 80

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 01/20/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

**Financial Assurance 1:** Financial Assurance Information Listing  
Financial Assurance information

Date of Government Version: 10/13/2020  
Date Data Arrived at EDR: 10/14/2020  
Date Made Active in Reports: 01/04/2021  
Number of Days to Update: 82

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 01/22/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

**Financial Assurance 2:** Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/12/2020  
Date Data Arrived at EDR: 11/13/2020  
Date Made Active in Reports: 01/29/2021  
Number of Days to Update: 77

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 02/08/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: Varies

**HAZNET:** Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 04/15/2020  
Date Made Active in Reports: 07/02/2020  
Number of Days to Update: 78

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 01/05/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Annually

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/13/2020  
Date Data Arrived at EDR: 11/13/2020  
Date Made Active in Reports: 02/01/2021  
Number of Days to Update: 80

Source: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 02/17/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/13/2020  
Date Data Arrived at EDR: 11/13/2020  
Date Made Active in Reports: 02/01/2021  
Number of Days to Update: 80

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/17/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/05/2020  
Date Data Arrived at EDR: 10/06/2020  
Date Made Active in Reports: 12/23/2020  
Number of Days to Update: 78

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 01/05/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Quarterly

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/07/2020  
Date Data Arrived at EDR: 12/08/2020  
Date Made Active in Reports: 02/22/2021  
Number of Days to Update: 76

Source: Department of Conservation  
Telephone: 916-322-1080  
Last EDR Contact: 03/09/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Quarterly

## MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/30/2020  
Date Data Arrived at EDR: 12/01/2020  
Date Made Active in Reports: 02/12/2021  
Number of Days to Update: 73

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 03/03/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2020  
Date Data Arrived at EDR: 11/10/2020  
Date Made Active in Reports: 01/27/2021  
Number of Days to Update: 78

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 02/09/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/30/2020  
Date Data Arrived at EDR: 12/01/2020  
Date Made Active in Reports: 02/12/2021  
Number of Days to Update: 73

Source: Department of Pesticide Regulation  
Telephone: 916-445-4038  
Last EDR Contact: 03/03/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/07/2020  
Date Data Arrived at EDR: 12/08/2020  
Date Made Active in Reports: 02/22/2021  
Number of Days to Update: 76

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 03/09/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2020  
Date Data Arrived at EDR: 12/09/2020  
Date Made Active in Reports: 12/10/2020  
Number of Days to Update: 1

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 12/07/2020  
Next Scheduled EDR Contact: 03/29/2021  
Data Release Frequency: No Update Planned

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 02/01/2021  
Date Data Arrived at EDR: 02/19/2021  
Date Made Active in Reports: 02/22/2021  
Number of Days to Update: 3

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 03/09/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Varies

## UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 12/04/2020  
Date Data Arrived at EDR: 12/04/2020  
Date Made Active in Reports: 02/18/2021  
Number of Days to Update: 76

Source: State Water Resource Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/09/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 01/07/2020	Telephone: 559-445-5577
Date Made Active in Reports: 03/09/2020	Last EDR Contact: 01/08/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 02/16/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/31/2021
	Data Release Frequency: No Update Planned

## WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 12/15/2020
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: No Update Planned

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 12/04/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 12/04/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

## WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 12/07/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/08/2020	Telephone: 916-341-5810
Date Made Active in Reports: 02/22/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/30/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/01/2020	Telephone: 866-794-4977
Date Made Active in Reports: 02/12/2021	Last EDR Contact: 03/03/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Varies

## CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/19/2020	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2020	Telephone: 916-323-2514
Date Made Active in Reports: 01/07/2021	Last EDR Contact: 01/20/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/04/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

## OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/04/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/04/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

## SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/04/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/04/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/04/2020	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

## HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/13/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/14/2020	Telephone: 916-324-2444
Date Made Active in Reports: 11/03/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Varies

## MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018	Source: USGS
Date Data Arrived at EDR: 10/21/2019	Telephone: 703-648-6533
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 02/26/2021
Number of Days to Update: 3	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 12/30/2020
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Varies

## PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014	Source: EPA
Date Data Arrived at EDR: 01/06/2015	Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015	Last EDR Contact: 01/04/2021
Number of Days to Update: 120	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Semi-Annually

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011	Source: EPA, Office of Water
Date Data Arrived at EDR: 08/05/2011	Telephone: 202-564-2496
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 01/04/2021
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019  
Date Data Arrived at EDR: 01/11/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 53

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 01/04/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/01/2020  
Date Data Arrived at EDR: 10/06/2020  
Date Made Active in Reports: 12/23/2020  
Number of Days to Update: 78

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 01/04/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 10/19/2020  
Date Data Arrived at EDR: 10/22/2020  
Date Made Active in Reports: 01/12/2021  
Number of Days to Update: 82

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA BUTTE: CUPA Facility Listing

Cupa facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/21/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 106

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 12/30/2020  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing  
Cupa Facility Listing

Date of Government Version: 12/15/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 12/24/2020  
Number of Days to Update: 8

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 12/15/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List  
Cupa facility list.

Date of Government Version: 04/06/2020  
Date Data Arrived at EDR: 04/23/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 78

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Semi-Annually

## CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/19/2020  
Date Data Arrived at EDR: 10/22/2020  
Date Made Active in Reports: 01/13/2021  
Number of Days to Update: 83

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 01/25/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List  
Cupa Facility list

Date of Government Version: 06/08/2020  
Date Data Arrived at EDR: 08/13/2020  
Date Made Active in Reports: 10/22/2020  
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 01/25/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Varies

## EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List  
CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/22/2020  
Date Data Arrived at EDR: 11/03/2020  
Date Made Active in Reports: 01/20/2021  
Number of Days to Update: 78

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 02/08/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/02/2020  
Date Data Arrived at EDR: 10/06/2020  
Date Made Active in Reports: 12/22/2020  
Number of Days to Update: 77

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 01/15/2021  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Semi-Annually

## GLENN COUNTY:

### CUPA GLENN: CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018  
Date Data Arrived at EDR: 01/24/2018  
Date Made Active in Reports: 03/14/2018  
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District  
Telephone: 830-934-6500  
Last EDR Contact: 01/19/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: No Update Planned

## HUMBOLDT COUNTY:

### CUPA HUMBOLDT: CUPA Facility List

CUPA facility list.

Date of Government Version: 11/18/2020  
Date Data Arrived at EDR: 11/19/2020  
Date Made Active in Reports: 02/04/2021  
Number of Days to Update: 77

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 02/16/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:

### CUPA IMPERIAL: CUPA Facility List

Cupa facility list.

Date of Government Version: 10/14/2020  
Date Data Arrived at EDR: 10/15/2020  
Date Made Active in Reports: 01/05/2021  
Number of Days to Update: 82

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 01/19/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

## INYO COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/03/2018  
Date Made Active in Reports: 06/14/2018  
Number of Days to Update: 72

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 02/16/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

## KERN COUNTY:

### CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020  
Date Data Arrived at EDR: 10/30/2020  
Date Made Active in Reports: 01/15/2021  
Number of Days to Update: 77

Source: Kern County Public Health  
Telephone: 661-321-3000  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Varies

### UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 01/19/2021  
Date Data Arrived at EDR: 01/21/2021  
Date Made Active in Reports: 01/28/2021  
Number of Days to Update: 7

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/11/2020  
Date Data Arrived at EDR: 05/12/2020  
Date Made Active in Reports: 07/27/2020  
Number of Days to Update: 76

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 02/16/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 02/10/2021  
Date Data Arrived at EDR: 02/12/2021  
Date Made Active in Reports: 03/11/2021  
Number of Days to Update: 27

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 01/11/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Varies

## LASSEN COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020  
Date Data Arrived at EDR: 08/21/2020  
Date Made Active in Reports: 11/09/2020  
Number of Days to Update: 80

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: N/A  
Telephone: N/A  
Last EDR Contact: 12/09/2020  
Next Scheduled EDR Contact: 03/29/2021  
Data Release Frequency: No Update Planned

### HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/19/2020  
Date Data Arrived at EDR: 10/20/2020  
Date Made Active in Reports: 01/12/2021  
Number of Days to Update: 84

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 01/04/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2020  
Date Data Arrived at EDR: 10/09/2020  
Date Made Active in Reports: 12/29/2020  
Number of Days to Update: 81

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 01/12/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Varies

### LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 08/17/2020  
Date Made Active in Reports: 11/05/2020  
Number of Days to Update: 80

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 01/11/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Varies

### LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019  
Date Data Arrived at EDR: 06/25/2019  
Date Made Active in Reports: 08/22/2019  
Number of Days to Update: 58

Source: Los Angeles Fire Department  
Telephone: 213-978-3800  
Last EDR Contact: 12/18/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/17/2019	Telephone: 626-458-6973
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 01/15/2021
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: No Update Planned

## LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/18/2020
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Varies

## LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/18/2020
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Varies

## SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/20/2020	Source: Community Health Services
Date Data Arrived at EDR: 10/09/2020	Telephone: 323-890-7806
Date Made Active in Reports: 12/29/2020	Last EDR Contact: 01/12/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Annually

## UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 10/07/2020
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/25/2021
	Data Release Frequency: No Update Planned

## UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 01/19/2021
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST TORRANCE: City of Torrance Underground Storage Tank  
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/11/2020	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/07/2020	Telephone: 310-618-2973
Date Made Active in Reports: 12/23/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 02/16/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 05/31/2021
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites  
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 12/21/2020
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database  
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/21/2020	Source: Department of Public Health
Date Data Arrived at EDR: 12/21/2020	Telephone: 707-463-4466
Date Made Active in Reports: 03/10/2021	Last EDR Contact: 02/22/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List  
CUPA facility list.

Date of Government Version: 02/04/2021	Source: Merced County Environmental Health
Date Data Arrived at EDR: 02/09/2021	Telephone: 209-381-1094
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 01/29/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/31/2021
	Data Release Frequency: Varies

MONO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 11/16/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 02/08/2021  
Number of Days to Update: 77

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 02/22/2021  
Next Scheduled EDR Contact: 06/06/3021  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/13/2020  
Date Data Arrived at EDR: 07/15/2020  
Date Made Active in Reports: 07/31/2020  
Number of Days to Update: 16

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 12/21/2020  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Varies

## NAPA COUNTY:

### LUST NAPA: Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017  
Date Data Arrived at EDR: 01/11/2017  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 50

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 02/22/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: No Update Planned

### UST NAPA: Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019  
Date Data Arrived at EDR: 09/09/2019  
Date Made Active in Reports: 10/31/2019  
Number of Days to Update: 52

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 02/22/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 10/26/2020  
Date Data Arrived at EDR: 10/28/2020  
Date Made Active in Reports: 01/15/2021  
Number of Days to Update: 79

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 01/25/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Varies

## ORANGE COUNTY:

### IND\_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2020  
Date Data Arrived at EDR: 11/05/2020  
Date Made Active in Reports: 01/26/2021  
Number of Days to Update: 82

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups  
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/2020  
Date Data Arrived at EDR: 11/06/2020  
Date Made Active in Reports: 01/26/2021  
Number of Days to Update: 81

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/05/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/2020  
Date Data Arrived at EDR: 11/03/2020  
Date Made Active in Reports: 01/21/2021  
Number of Days to Update: 79

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/02/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/24/2020  
Date Data Arrived at EDR: 11/24/2020  
Date Made Active in Reports: 11/25/2020  
Number of Days to Update: 1

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019  
Date Data Arrived at EDR: 04/23/2019  
Date Made Active in Reports: 06/26/2019  
Number of Days to Update: 64

Source: Plumas County Environmental Health  
Telephone: 530-283-6355  
Last EDR Contact: 01/19/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites  
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/13/2021  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 03/10/2021  
Number of Days to Update: 55

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 12/09/2020  
Next Scheduled EDR Contact: 03/29/2021  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/13/2021  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 03/10/2021  
Number of Days to Update: 55

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 12/09/2020  
Next Scheduled EDR Contact: 03/29/2021  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020  
Date Data Arrived at EDR: 03/31/2020  
Date Made Active in Reports: 06/15/2020  
Number of Days to Update: 76

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 12/30/2020  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Quarterly

### ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020  
Date Data Arrived at EDR: 03/31/2020  
Date Made Active in Reports: 06/17/2020  
Number of Days to Update: 78

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 12/30/2020  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 10/28/2020  
Date Data Arrived at EDR: 10/30/2020  
Date Made Active in Reports: 01/15/2021  
Number of Days to Update: 77

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Varies

## SAN BERNARDINO COUNTY:

### PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/16/2020  
Date Data Arrived at EDR: 11/18/2020  
Date Made Active in Reports: 02/04/2021  
Number of Days to Update: 78

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/30/2020  
Date Data Arrived at EDR: 12/01/2020  
Date Made Active in Reports: 02/16/2021  
Number of Days to Update: 77

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 03/03/2021  
Next Scheduled EDR Contact: 03/15/2021  
Data Release Frequency: Quarterly

## LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 02/08/2021  
Number of Days to Update: 77

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 01/19/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

## SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020  
Date Data Arrived at EDR: 07/16/2020  
Date Made Active in Reports: 09/29/2020  
Number of Days to Update: 75

Source: Department of Environmental Health  
Telephone: 858-505-6874  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

## SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 11/05/2020  
Date Data Arrived at EDR: 11/06/2020  
Date Made Active in Reports: 01/27/2021  
Number of Days to Update: 82

Source: San Francisco County Department of Environmental Health  
Telephone: 415-252-3896  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Varies

### LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: No Update Planned

## UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2020  
Date Data Arrived at EDR: 11/06/2020  
Date Made Active in Reports: 01/26/2021  
Number of Days to Update: 81

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 07/11/2018  
Number of Days to Update: 15

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 12/09/2020  
Next Scheduled EDR Contact: 03/29/2021  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/12/2020  
Date Data Arrived at EDR: 11/13/2020  
Date Made Active in Reports: 02/01/2021  
Number of Days to Update: 80

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 02/16/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

### BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020  
Date Data Arrived at EDR: 02/20/2020  
Date Made Active in Reports: 04/24/2020  
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/11/2020  
Next Scheduled EDR Contact: 03/22/2021  
Data Release Frequency: Annually

### LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019  
Date Data Arrived at EDR: 03/29/2019  
Date Made Active in Reports: 05/29/2019  
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 03/08/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 02/16/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: No Update Planned

## SANTA CLARA COUNTY:

### CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 11/20/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 02/05/2021  
Number of Days to Update: 74

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 02/16/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

### HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 02/22/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: No Update Planned

### SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020  
Date Data Arrived at EDR: 11/05/2020  
Date Made Active in Reports: 01/26/2021  
Number of Days to Update: 82

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 05/16/2021  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA SANTA CRUZ: CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 05/23/2017  
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 02/16/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

## SHASTA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 51

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 02/16/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

## SOLANO COUNTY:

### LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 08/13/2019  
Number of Days to Update: 68

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Quarterly

### UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/03/2020  
Date Data Arrived at EDR: 12/03/2020  
Date Made Active in Reports: 02/18/2021  
Number of Days to Update: 77

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 12/15/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 12/23/2020  
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 12/15/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Varies

### LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 09/18/2020  
Date Data Arrived at EDR: 09/22/2020  
Date Made Active in Reports: 12/14/2020  
Number of Days to Update: 83

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 12/15/2020  
Next Scheduled EDR Contact: 04/05/2021  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

### CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 10/01/2020  
Date Data Arrived at EDR: 10/06/2020  
Date Made Active in Reports: 12/22/2020  
Number of Days to Update: 77

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 01/11/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Varies

## SUTTER COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 11/23/2020  
Date Data Arrived at EDR: 11/24/2020  
Date Made Active in Reports: 02/10/2021  
Number of Days to Update: 78

Source: Sutter County Environmental Health Services  
Telephone: 530-822-7500  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

### CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 08/11/2020  
Date Data Arrived at EDR: 08/12/2020  
Date Made Active in Reports: 10/26/2020  
Number of Days to Update: 75

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 10/14/2020  
Date Data Arrived at EDR: 10/15/2020  
Date Made Active in Reports: 01/05/2021  
Number of Days to Update: 82

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 01/19/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

## TULARE COUNTY:

### CUPA TULARE: CUPA Facility List

Cupa program facilities

Date of Government Version: 10/30/2020  
Date Data Arrived at EDR: 11/03/2020  
Date Made Active in Reports: 01/20/2021  
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 02/01/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Varies

## TUOLUMNE COUNTY:

### CUPA TUOLUMNE: CUPA Facility List

Cupa facility list

Date of Government Version: 04/23/2018  
Date Data Arrived at EDR: 04/25/2018  
Date Made Active in Reports: 06/25/2018  
Number of Days to Update: 61

Source: Division of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 01/19/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

## VENTURA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/28/2020	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 10/22/2020	Telephone: 805-654-2813
Date Made Active in Reports: 01/12/2021	Last EDR Contact: 01/19/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/02/2021
	Data Release Frequency: Quarterly

## LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 12/21/2020
Number of Days to Update: 49	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: No Update Planned

## LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 02/08/2021
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: No Update Planned

## MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2020	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 10/22/2020	Telephone: 805-654-2813
Date Made Active in Reports: 01/12/2021	Last EDR Contact: 01/20/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Quarterly

## UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/01/2020	Source: Environmental Health Division
Date Data Arrived at EDR: 12/08/2020	Telephone: 805-654-2813
Date Made Active in Reports: 02/22/2021	Last EDR Contact: 03/09/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/21/2020	Source: Yolo County Department of Health
Date Data Arrived at EDR: 12/23/2020	Telephone: 530-666-8646
Date Made Active in Reports: 01/04/2021	Last EDR Contact: 12/20/2020
Number of Days to Update: 12	Next Scheduled EDR Contact: 04/11/2021
	Data Release Frequency: Annually

## YUBA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 01/26/2021  
Date Data Arrived at EDR: 01/28/2021  
Date Made Active in Reports: 02/03/2021  
Number of Days to Update: 6

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 02/23/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

## CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020  
Date Data Arrived at EDR: 10/20/2020  
Date Made Active in Reports: 11/02/2020  
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 02/12/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: No Update Planned

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 04/10/2019  
Date Made Active in Reports: 05/16/2019  
Number of Days to Update: 36

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/08/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 04/29/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 01/29/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/11/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 02/24/2021  
Number of Days to Update: 13

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/09/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/08/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory  
Source: Department of Fish and Wildlife  
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map  
Source: U.S. Geological Survey

### **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

5820 NORMANDIE AVE  
5820 NORMANDIE AVE  
LOS ANGELES, CA 90044

### TARGET PROPERTY COORDINATES

Latitude (North):	33.989314 - 33° 59' 21.53"
Longitude (West):	118.298018 - 118° 17' 52.86"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	380109.3
UTM Y (Meters):	3761536.0
Elevation:	142 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	5640440 INGLEWOOD, CA
Version Date:	2012
North Map:	5630741 HOLLYWOOD, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

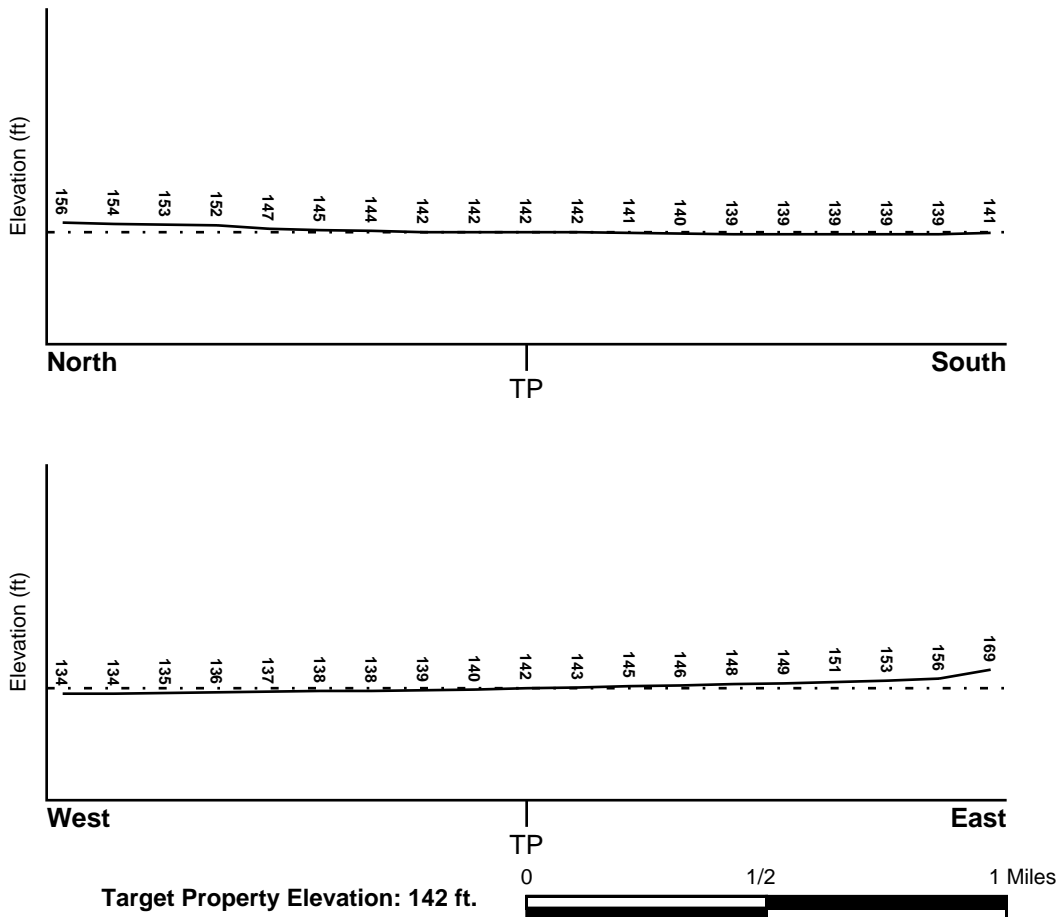
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06037C1785F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06037C1620F	FEMA FIRM Flood data
06037C1780F	FEMA FIRM Flood data

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
INGLEWOOD	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **Site-Specific Hydrogeological Data\*:**

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile West
Site Name:	Dept. Of Public Works
Site EPA ID Number:	CAD981989049
Groundwater Flow Direction:	NOT AVAILABLE.
Measured Depth to Water:	14 feet.
Hydraulic Connection:	Aquitards separate the aquifers under the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

## AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
---------------	-------------------------	---

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
77	1/2 - 1 Mile SSE	S
1G	1/2 - 1 Mile SSE	S

For additional site information, refer to Physical Setting Source Map Findings.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam  
 clay  
 silt loam  
 loamy sand  
 sandy loam  
 fine sand  
 clay loam  
 gravelly - sandy loam  
 coarse sand  
 gravelly - sand  
 sand

Surficial Soil Types: loam  
 clay  
 silt loam  
 loamy sand  
 sandy loam  
 fine sand  
 clay loam  
 gravelly - sandy loam  
 coarse sand  
 gravelly - sand  
 sand

Shallow Soil Types: fine sandy loam  
 gravelly - loam  
 sand  
 silty clay

Deeper Soil Types: stratified  
 clay loam  
 silty clay loam  
 gravelly - sandy loam  
 coarse sand  
 sand  
 weathered bedrock  
 very fine sandy loam

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
G65	USGS40000139532	1/2 - 1 Mile SW
G68	USGS40000139533	1/2 - 1 Mile WSW
J75	USGS40000139534	1/2 - 1 Mile WSW
J82	USGS40000139535	1/2 - 1 Mile WSW

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	2981	1/4 - 1/2 Mile SSW
A2	2980	1/4 - 1/2 Mile SSW
A3	2983	1/4 - 1/2 Mile SSW
B4	CAEDF0000137146	1/2 - 1 Mile SE
B5	CAEDF0000021444	1/2 - 1 Mile SE
B6	CAEDF0000040329	1/2 - 1 Mile SE
B7	CAEDF0000087384	1/2 - 1 Mile SE
B8	CAEDF0000039124	1/2 - 1 Mile SE
B9	CAEDF0000004640	1/2 - 1 Mile SE
B10	CAEDF0000090589	1/2 - 1 Mile SE
B11	CAEDF0000017670	1/2 - 1 Mile SE
B12	CAEDF0000064718	1/2 - 1 Mile SE
C13	CAEDF0000001026	1/2 - 1 Mile West
C14	CAEDF0000088799	1/2 - 1 Mile West
C15	CAEDF0000045538	1/2 - 1 Mile West
C16	CAEDF0000070457	1/2 - 1 Mile West
C17	CAEDF0000134415	1/2 - 1 Mile West

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C18	CAEDF0000007166	1/2 - 1 Mile West
C19	CAEDF0000077489	1/2 - 1 Mile West
C20	CAEDF0000068686	1/2 - 1 Mile West
D21	CAEDF0000035940	1/2 - 1 Mile West
D22	CAEDF0000118591	1/2 - 1 Mile West
D23	CAEDF0000087286	1/2 - 1 Mile West
D24	CAEDF0000051874	1/2 - 1 Mile West
D25	CAEDF0000085456	1/2 - 1 Mile West
D26	CAEDF0000059538	1/2 - 1 Mile West
D27	CAEDF0000023490	1/2 - 1 Mile West
D28	CAEDF0000012356	1/2 - 1 Mile West
D29	CAEDF0000125059	1/2 - 1 Mile West
D30	CAEDF0000004999	1/2 - 1 Mile West
D31	CAEDF0000136475	1/2 - 1 Mile West
D32	CAEDF0000048193	1/2 - 1 Mile West
D33	CAEDF0000041519	1/2 - 1 Mile West
D34	CAEDF0000121571	1/2 - 1 Mile West
E35	CAEDF0000058127	1/2 - 1 Mile South
E36	CAEDF0000058818	1/2 - 1 Mile South
E37	CAEDF0000070908	1/2 - 1 Mile South
E38	CAEDF0000141382	1/2 - 1 Mile South
E39	CAEDF0000128189	1/2 - 1 Mile South
F40	CADWR0000008303	1/2 - 1 Mile West
F41	CADWR0000000429	1/2 - 1 Mile West
E42	CAEDF0000031289	1/2 - 1 Mile South
D43	CAEDF0000033309	1/2 - 1 Mile West
D44	CAEDF0000031703	1/2 - 1 Mile West
E45	CAEDF0000029613	1/2 - 1 Mile South
E46	CAEDF0000068439	1/2 - 1 Mile South
E47	CAEDF0000089978	1/2 - 1 Mile South
F48	CAEDF0000060478	1/2 - 1 Mile West
F49	CAEDF0000008013	1/2 - 1 Mile West
F50	CAEDF0000010046	1/2 - 1 Mile West
F51	CAEDF0000047036	1/2 - 1 Mile West
F52	CAEDF0000112763	1/2 - 1 Mile West
F53	CAEDF0000108219	1/2 - 1 Mile West
G54	2985	1/2 - 1 Mile WSW
G55	2984	1/2 - 1 Mile WSW
H56	CAEDF0000041651	1/2 - 1 Mile SW
H57	CAEDF0000032827	1/2 - 1 Mile SW
H58	CAEDF0000141610	1/2 - 1 Mile SW
G59	CALLNL000000594	1/2 - 1 Mile SW
I60	CADWR0000034604	1/2 - 1 Mile WSW
I61	CADWR0000020744	1/2 - 1 Mile WSW
I62	CADWR0000033165	1/2 - 1 Mile WSW
I63	CADWR0000004128	1/2 - 1 Mile WSW
I64	CADWR0000017578	1/2 - 1 Mile WSW
G66	CAUSGSN00012036	1/2 - 1 Mile SW
G67	CADDW0000019860	1/2 - 1 Mile SW
G69	CADDW0000006754	1/2 - 1 Mile SW
G70	CAUSGSN00008747	1/2 - 1 Mile SW
J71	2982	1/2 - 1 Mile WSW

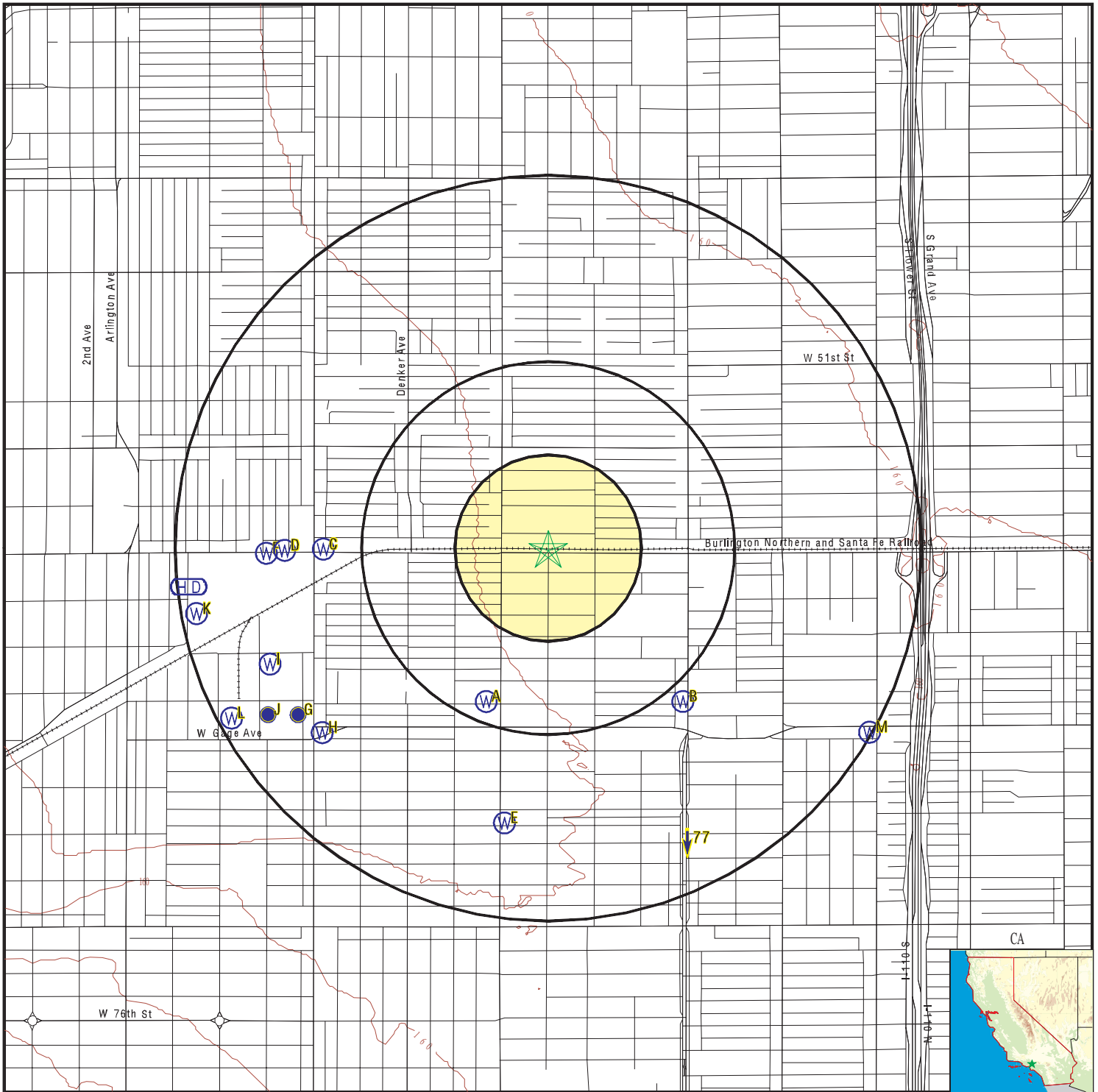


# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

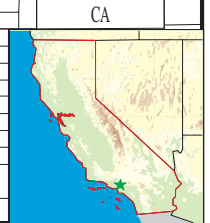
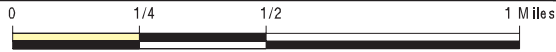
MAP ID	WELL ID	LOCATION FROM TP
J72	CAUSGS000002831	1/2 - 1 Mile WSW
J73	CAUSGSN00002791	1/2 - 1 Mile WSW
J74	CADDW0000005638	1/2 - 1 Mile WSW
J76	CALLNL000001080	1/2 - 1 Mile WSW
J78	CADDW0000014809	1/2 - 1 Mile WSW
J79	CADDW0000004044	1/2 - 1 Mile WSW
J80	CAUSGSN00007843	1/2 - 1 Mile WSW
J81	CADDW0000003882	1/2 - 1 Mile WSW
K83	CAEDF0000046645	1/2 - 1 Mile West
K84	CAEDF0000033992	1/2 - 1 Mile West
K85	CAEDF0000132564	1/2 - 1 Mile West
L86	CADDW0000012956	1/2 - 1 Mile WSW
K87	CAEDF0000032545	1/2 - 1 Mile WSW
L88	CADDW0000019352	1/2 - 1 Mile WSW
K89	CAEDF0000138343	1/2 - 1 Mile WSW
L90	CADDW0000010101	1/2 - 1 Mile WSW
K91	CAEDF0000140859	1/2 - 1 Mile West
K92	CAEDF0000139648	1/2 - 1 Mile West
K93	CAEDF0000086189	1/2 - 1 Mile West
K94	CAEDF0000064596	1/2 - 1 Mile WSW
L95	CADDW0000019688	1/2 - 1 Mile WSW
M96	CAEDF0000133693	1/2 - 1 Mile ESE
M97	CAEDF0000093127	1/2 - 1 Mile ESE

# PHYSICAL SETTING SOURCE MAP - 6404287.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 5820 Normandie Ave  
 ADDRESS: 5820 Normandie Ave  
 Los Angeles CA 90044  
 LAT/LONG: 33.989314 / 118.298018

CLIENT: Ninyo & Moore  
 CONTACT: Patrick Cullip  
 INQUIRY #: 6404287.2s  
 DATE: March 12, 2021 5:41 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**SSW**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      2981**

Seq:	2981	Prim sta c:	02S/14W-23H03 S
Frds no:	1910067051	County:	19
District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	MANHATTAN WELL 03-A	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1181800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		

Sample date:	10-OCT-13	Finding:	4.3
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		

Sample date:	10-OCT-13	Finding:	6820.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	10-OCT-13	Finding:	124.
Chemical:	TRITIUM COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

Sample date:	10-OCT-13	Finding:	0.523
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

Sample date:	10-OCT-13	Finding:	0.415
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

Sample date:	10-OCT-13	Finding:	0.126
Chemical:	STRONTIUM - 90 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

Sample date:	10-OCT-13	Finding:	4.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		

Sample date:	10-OCT-13	Finding:	842.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

Sample date:	10-OCT-13	Finding:	212.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	10-OCT-13	Finding:	259.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	9.8e-002
Chemical:	PHOSPHATE (AS PO4)	Report units:	UG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	288.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	82.9
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	19.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	48.8
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	4.17
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	60.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	107.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	10-OCT-13	Finding:	0.385
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	10-OCT-13	Finding:	25.3
Chemical:	SILICA	Report units:	MG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	10-OCT-13	Finding:	152.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	10-OCT-13	Finding:	3.7
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	10-OCT-13	Finding:	6.5
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	10-OCT-13	Finding:	20.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.5		
Sample date:	10-OCT-13	Finding:	508.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	0.32
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dir:	0.		
Sample date:	10-OCT-13	Finding:	30.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-13	Finding:	0.15
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	10-OCT-13	Finding:	0.615
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	0.222
Chemical:	BROMIDE	Report units:	MG/L
Dir:	0.		
Sample date:	10-OCT-13	Finding:	1.58
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

**A2  
SSW  
1/4 - 1/2 Mile  
Lower**

**CA WELLS 2980**

Seq:	2980	Prim sta c:	02S/14W-23H02 S
Frds no:	1910067052	County:	19
District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	MANHATTAN WELL 04-A	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1181800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A3**  
**SSW**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      2983**

Seq:	2983	Prim sta c:	02S/14W-23H12 S
Frds no:	1910067049	County:	19
District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	MANHATTAN WELL 01-A	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1181800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		

**B4**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000137146**

Well ID:	T10000003220-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-7&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-7&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-7">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-7</a>		

**B5**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000021444**

Well ID:	T10000003220-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-6&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-6&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-6">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-6</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**B6**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000040329**

Well ID:	T10000003220-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-3&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-3&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-3">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-3</a>		

**B7**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000087384**

Well ID:	T10000003220-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-1&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-1&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-1">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-1</a>		

**B8**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000039124**

Well ID:	T10000003220-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-4&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-4&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-4">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-4</a>		

**B9**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000004640**

Well ID:	T10000003220-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-8&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-8&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-8">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-8</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**B10**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000090589**

Well ID:	T10000003220-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-5&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-5&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-5">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-5</a>		

**B11**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000017670**

Well ID:	T10000003220-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-10&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-10&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-10">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-10</a>		

**B12**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000064718**

Well ID:	T10000003220-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-9&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000003220&amp;assigned_name=MW-9&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-9">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000003220&amp;assigned_name=MW-9</a>		

**C13**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000001026**

Well ID:	T0603737666-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-6&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-6&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-6">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-6</a>		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C14**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000088799**

Well ID:	T0603737666-MW-4U	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4U
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-4U&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-4U&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-4U">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-4U</a>		

**C15**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000045538**

Well ID:	T0603737666-MW-4L	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4L
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-4L&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-4L&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-4L">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-4L</a>		

**C16**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000070457**

Well ID:	T0603737666-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-7&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-7&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-7">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-7</a>		

**C17**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000134415**

Well ID:	T0603737666-MW-5U	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5U
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-5U&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-5U&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-5U">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-5U</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C18**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000007166**

Well ID:	T0603737666-MW-5L	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5L
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-5L&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-5L&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-5L">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-5L</a>		

**C19**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000077489**

Well ID:	T0603737666-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-1&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-1&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-1">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-1</a>		

**C20**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000068686**

Well ID:	T0603737666-MW-1U	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1U
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-1U&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603737666&amp;assigned_name=MW-1U&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-1U">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603737666&amp;assigned_name=MW-1U</a>		

**D21**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000035940**

Well ID:	T0603777871-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-12&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-12&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-12">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-12</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**D22**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000118591**

Well ID:	T0603777871-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-13&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-13&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-13">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-13</a>		

**D23**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000087286**

Well ID:	T0603777871-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-11&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-11&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-11">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-11</a>		

**D24**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000051874**

Well ID:	T0603777871-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-10&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-10&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-10">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-10</a>		

**D25**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000085456**

Well ID:	T0603777871-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-4&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-4&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-4">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-4</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**D26**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000059538**

Well ID:	T0603777871-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-3&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-3&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-3">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-3</a>		

**D27**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000023490**

Well ID:	T0603777871-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-9&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-9&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-9">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-9</a>		

**D28**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000012356**

Well ID:	T0603777871-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-5&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-5&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-5">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-5</a>		

**D29**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000125059**

Well ID:	T0603777871-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-6&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-6&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-6">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-6</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**D30**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF000004999**

Well ID:	T0603777871-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-8&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-8&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-8">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-8</a>		

**D31**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000136475**

Well ID:	T0603777871-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-1&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-1&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-1">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-1</a>		

**D32**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000048193**

Well ID:	T0603777871-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-7&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-7&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-7">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-7</a>		

**D33**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000041519**

Well ID:	T0603777871-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-2&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-2&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-2">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-2</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**D34**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000121571**

Well ID:	T0603777871-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-14&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603777871&amp;assigned_name=MW-14&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-14">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603777871&amp;assigned_name=MW-14</a>		

**E35**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000058127**

Well ID:	T0603701096-MW6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW6&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW6&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW6">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW6</a>		

**E36**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000058818**

Well ID:	T0603701096-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW1&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW1&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW1">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW1</a>		

**E37**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000070908**

Well ID:	T0603701096-MW8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW8&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW8&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW8">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW8</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**E38**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000141382**

Well ID:	T0603701096-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW7&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW7&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW7">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW7</a>		

**E39**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000128189**

Well ID:	T0603701096-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW4&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW4&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW4">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW4</a>		

**F40**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR0000008303**

Well ID:	02S14W23A003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S14W23A003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23A003S&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23A003S&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**F41**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR0000000429**

Well ID:	02S14W23A002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S14W23A002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23A002S&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23A002S&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**E42**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000031289**

Well ID:	T0603701096-MW9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW9&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW9&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW9">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW9</a>		

**D43**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000033309**

Well ID:	T0603789591-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-3&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-3&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-3">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-3</a>		

**D44**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000031703**

Well ID:	T0603789591-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-4&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-4&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-4">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-4</a>		

**E45**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000029613**

Well ID:	T0603701096-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW3&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW3&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW3">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW3</a>		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**E46**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000068439**

Well ID:	T0603701096-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW2&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW2&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW2">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW2</a>		

**E47**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000089978**

Well ID:	T0603701096-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW5&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701096&amp;assigned_name=MW5&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW5">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701096&amp;assigned_name=MW5</a>		

**F48**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000060478**

Well ID:	T0603789591-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-1&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-1&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-1">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-1</a>		

**F49**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000008013**

Well ID:	T0603789591-VE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=VE-1&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=VE-1&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=VE-1">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=VE-1</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**F50**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000010046**

Well ID:	T0603789591-VE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	VE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=VE-2&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=VE-2&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=VE-2">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=VE-2</a>		

**F51**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000047036**

Well ID:	T0603789591-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-2&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-2&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-2">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-2</a>		

**F52**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000112763**

Well ID:	T0603789591-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-5&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-5&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-5">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-5</a>		

**F53**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000108219**

Well ID:	T0603789591-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-6&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603789591&amp;assigned_name=MW-6&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-6">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603789591&amp;assigned_name=MW-6</a>		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**G54**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      2985**

Seq:	2985	Prim sta c:	02S/14W-23H17 S
Frds no:	1910067054	County:	19
District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	MANHATTAN WELL 06-A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	335900.0	Longitude:	1181830.0
Precision:	3	Status:	AR
Comment 1:	6219 SOUTH MANHATTAN PLACE	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		

Sample date:	09-FEB-17	Finding:	0.859
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	09-FEB-17	Finding:	2.96
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	28-OCT-16	Finding:	1.06
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	13-JUL-16	Finding:	3.11
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	13-JUL-16	Finding:	0.842
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	24-JUN-16	Finding:	0.28
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

Sample date:	24-JUN-16	Finding:	9.1
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		

Sample date:	24-JUN-16	Finding:	4.09
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		

Sample date:	24-JUN-16	Finding:	1.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	20-MAY-16	Finding:	3.4
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	12-APR-16	Finding:	0.886
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	12-APR-16	Finding:	3.17
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	26-JAN-16	Finding:	0.801
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	14-JUL-15	Finding:	0.98
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	05-JUN-15	Finding:	0.99
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	19-MAY-15	Finding:	0.186
Chemical:	BROMIDE	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	3700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	19-MAY-15	Finding:	0.21
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dir:	0.		
Sample date:	19-MAY-15	Finding:	474.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	4.56
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	19-MAY-15	Finding:	5.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	19-MAY-15	Finding:	146.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	19-MAY-15	Finding:	117.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	19-MAY-15	Finding:	25.
Chemical:	SILICA	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	0.384
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	19-MAY-15	Finding:	104.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	19-MAY-15	Finding:	51.1
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	4.18
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	48.6
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	18.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	86.4
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	293.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	8.9e-002
Chemical:	PHOSPHATE (AS PO <sub>4</sub> )	Report units:	UG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	242.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	198.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	748.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	19-MAY-15	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	23-APR-15	Finding:	1.54
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	15-APR-15	Finding:	1.87
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	15-APR-15	Finding:	0.381
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	25-SEP-14	Finding:	0.913
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	24-JUL-14	Finding:	0.817
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	18-JUN-14	Finding:	0.856
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	28-APR-14	Finding:	0.841
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	03-JAN-14	Finding:	0.787
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	22-OCT-13	Finding:	0.859
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	16-MAY-13	Finding:	0.686
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	15-APR-13	Finding:	0.772
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	15-APR-13	Finding:	48.2
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	0.768
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	24-JUL-12	Finding:	0.872
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	22-MAY-12	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	3720.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	22-MAY-12	Finding:	0.16
Chemical:	BROMIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	22-MAY-12	Finding:	746.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	22-MAY-12	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	244.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	5.8e-002
Chemical:	PHOSPHATE (AS PO <sub>4</sub> )	Report units:	UG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	270.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	79.3
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	17.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	44.7
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	3.66
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	101.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	22-MAY-12	Finding:	0.373
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	22-MAY-12	Finding:	22.
Chemical:	SILICA	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	22-MAY-12	Finding:	142.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	22-MAY-12	Finding:	4.69
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	22-MAY-12	Finding:	472.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	22-MAY-12	Finding:	0.31
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dir:	0.		
Sample date:	24-APR-12	Finding:	0.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	26-JAN-12	Finding:	3.6
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	26-JAN-12	Finding:	0.829
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

**G55  
WSW  
1/2 - 1 Mile  
Lower**

**CA WELLS 2984**

Seq:	2984	Prim sta c:	02S/14W-23H14 S
Frds no:	1910067053	County:	19
District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	MANHATTAN WELL 05	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	335900.0	Longitude:	1181830.0
Precision:	3	Status:	AR
Comment 1:	6222 SOUTH GRAMERCY PLACE	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		
Sample date:	09-FEB-17	Finding:	1.28
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-FEB-17	Finding:	1.24
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	28-OCT-16	Finding:	1.46
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	13-JUL-16	Finding:	1.57
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-JUL-16	Finding:	1.48
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	12-APR-16	Finding:	1.83



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-APR-16	Finding:	1.72
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	26-JAN-16	Finding:	2.05
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	16-SEP-15	Finding:	4.29
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	16-SEP-15	Finding:	448.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	0.21
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dir:	0.		
Sample date:	16-SEP-15	Finding:	0.182
Chemical:	BROMIDE	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	2360.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	16-SEP-15	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	16-SEP-15	Finding:	728.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-SEP-15	Finding:	201.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	245.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	8.9e-002
Chemical:	PHOSPHATE (AS PO <sub>4</sub> )	Report units:	UG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	288.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	85.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	18.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	16-SEP-15	Finding:	48.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	4.15
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	48.5
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	97.9
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	16-SEP-15	Finding:	0.375
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	16-SEP-15	Finding:	25.8
Chemical:	SILICA	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	129.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	16-SEP-15	Finding:	1.63
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	14-JUL-15	Finding:	2.81
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	23-APR-15	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	15-APR-15	Finding:	22.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-APR-15	Finding:	1.68
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	15-APR-15	Finding:	0.411
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	25-SEP-14	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	24-JUL-14	Finding:	2.27
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	18-JUN-14	Finding:	2.18
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.5		
Sample date:	28-APR-14	Finding:	2.48
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	03-JAN-14	Finding:	1.76
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	22-OCT-13	Finding:	1.91
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	15-APR-13	Finding:	1.14
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	15-APR-13	Finding:	9.52
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-SEP-12	Finding:	4.14
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	0.17
Chemical:	BROMIDE	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	12-SEP-12	Finding:	702.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	12-SEP-12	Finding:	202.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	246.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	7.7e-002
Chemical:	PHOSPHATE (AS PO4)	Report units:	UG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	268.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	79.4
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	17.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	12-SEP-12	Finding:	46.9
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	2090.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-SEP-12	Finding:	42.9
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	99.1
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	12-SEP-12	Finding:	0.379
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-SEP-12	Finding:	25.
Chemical:	SILICA	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	104.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	12-SEP-12	Finding:	133.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	12-SEP-12	Finding:	5.16
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	12-SEP-12	Finding:	429.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	12-SEP-12	Finding:	5.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dir:	0.		
Sample date:	12-SEP-12	Finding:	9.26
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	24-JUL-12	Finding:	0.721
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	24-APR-12	Finding:	0.715
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	26-JAN-12	Finding:	0.563
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**H56**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000041651**

Well ID:	T10000008789-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000008789&amp;assigned_name=MW2&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000008789&amp;assigned_name=MW2&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000008789&amp;assigned_name=MW2">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000008789&amp;assigned_name=MW2</a>		

**H57**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000032827**

Well ID:	T10000008789-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000008789&amp;assigned_name=MW3&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000008789&amp;assigned_name=MW3&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000008789&amp;assigned_name=MW3">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000008789&amp;assigned_name=MW3</a>		

**H58**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000141610**

Well ID:	T10000008789-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000008789&amp;assigned_name=MW1&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000008789&amp;assigned_name=MW1&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000008789&amp;assigned_name=MW1">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000008789&amp;assigned_name=MW1</a>		

**G59**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CALLNL000000594**

Well ID:	100699	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	02S/14W-23H14 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Neon	Results:	.000000220187
Units:	cm3STP/g	Date:	09/07/2001

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	Krypton	Results:	.0000000775042
Units:	cm3STP/g	Date:	09/07/2001
Chemical:	Argon	Results:	.000357395
Units:	cm3STP/g	Date:	09/07/2001
Chemical:	Helium-3/Helium-4	Results:	.00000134327
Units:	atom ratio	Date:	09/07/2001
Chemical:	Xenon	Results:	.0000000101238
Units:	cm3STP/g	Date:	09/07/2001
Chemical:	Helium-4	Results:	.0000000543433
Units:	cm3STP/g	Date:	09/07/2001
Chemical:	Tritium (Hydrogen 3)	Results:	0
Units:	pCi/L	Date:	11/01/2001

**I60  
WSW  
1/2 - 1 Mile  
Lower**

**CA WELLS    CADWR0000034604**

Well ID:	02S14W23H001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S14W23H001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23H001S&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23H001S&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**I61  
WSW  
1/2 - 1 Mile  
Lower**

**CA WELLS    CADWR0000020744**

Well ID:	02S14W23H003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S14W23H003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23H003S&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23H003S&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**I62  
WSW  
1/2 - 1 Mile  
Lower**

**CA WELLS    CADWR0000033165**

Well ID:	02S14W23H002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S14W23H002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23H002S&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23H002S&amp;store_num=</a>		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

**I63**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR0000004128**

Well ID:	02S14W23H012S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S14W23H012S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23H012S&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23H012S&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**I64**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR0000017578**

Well ID:	02S14W23H004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S14W23H004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23H004S&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=02S14W23H004S&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**G65**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS    USGS40000139532**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S014W23H017S	Type:	Well
Description:	Not Reported	HUC:	18070104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19740909	Well Depth:	1390
Well Depth Units:	ft	Well Hole Depth:	1500
Well Hole Depth Units:	ft		

**G66**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CAUSGSN00012036**

Well ID:	USGS-335858118183101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335858118183101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-335858118183101&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-335858118183101&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**G67**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW0000019860**

Well ID:	1910067-054	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	MANHATTAN WELL 06-A	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910067-054&store_num=		
GeoTracker Data:	Not Reported		

**G68**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000139533**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S014W23H003S	Type:	Well
Description:	Not Reported	HUC:	18070104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19280201	Well Depth:	599
Well Depth Units:	ft	Well Hole Depth:	599
Well Hole Depth Units:	ft		

**G69**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW0000006754**

Well ID:	1910067-051	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	MANHATTAN WELL 03-A	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910067-051&store_num=		
GeoTracker Data:	Not Reported		

**G70**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00008747**

Well ID:	USGS-335858118183301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335858118183301	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-335858118183301&store_num=		
GeoTracker Data:	Not Reported		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**J71**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      2982**

Seq:	2982	Prim sta c:	02S/14W-23H06 S
Frds no:	1910067050	County:	19
District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	MANHATTAN WELL 02-A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	335900.0	Longitude:	1181836.8
Precision:	5	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		

Sample date:	12-SEP-12	Finding:	8.66
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	12-SEP-12	Finding:	0.769
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	30-AUG-12	Finding:	0.894
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	30-AUG-12	Finding:	3.48
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	24-JUL-12	Finding:	0.642
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	24-JUL-12	Finding:	7.95
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	29-JUN-12	Finding:	4.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	29-JUN-12	Finding:	0.895
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

Sample date:	23-MAY-12	Finding:	6.91
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	23-MAY-12	Finding:	0.581
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	18-MAY-12	Finding:	0.506
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	18-MAY-12	Finding:	0.636
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	18-MAY-12	Finding:	0.754
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	18-MAY-12	Finding:	0.866
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	24-APR-12	Finding:	0.126
Chemical:	PHOSPHATE (AS PO4)	Report units:	UG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	281.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	82.1
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	18.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	45.5
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	3.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	60.3
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	98.5
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	24-APR-12	Finding:	0.408
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	24-APR-12	Finding:	23.2
Chemical:	SILICA	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	100.		
Sample date:	24-APR-12	Finding:	248.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	203.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	776.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	24-APR-12	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	24-APR-12	Finding:	3700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	24-APR-12	Finding:	0.234
Chemical:	BROMIDE	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	0.33
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dir:	0.		
Sample date:	24-APR-12	Finding:	471.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	24-APR-12	Finding:	5.73
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	24-APR-12	Finding:	0.706
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	24-APR-12	Finding:	145.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	24-APR-12	Finding:	4.
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	24-APR-12	Finding:	5.76
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		

**J72**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS CAUSGS000002831**

Well ID:	CLABCB-08	Well Type:	MUNICIPAL
Source:	United States Geological Survey		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Other Name:	CLABCB-08	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&amp;samp_date=&amp;global_id=&amp;assigned_name=CLABCB-08&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&amp;samp_date=&amp;global_id=&amp;assigned_name=CLABCB-08&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**J73**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00002791**

Well ID:	USGS-335858118183501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335858118183501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-335858118183501&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-335858118183501&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**J74**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW000005638**

Well ID:	1910067-053	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	MANHATTAN WELL 05	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1910067-053&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1910067-053&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**J75**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000139534**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S014W23H014S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19730823	Well Depth:	1096
Well Depth Units:	ft	Well Hole Depth:	1110
Well Hole Depth Units:	ft		

**J76**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CALLNL000001080**

Well ID:	100703	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	02S/14W-23H02 S	GAMA PFAS Testing:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Groundwater Quality Data: Not Reported  
 GeoTracker Data: Not Reported

Chemical: Helium-3/Helium-4 Results: .00000134679  
 Units: atom ratio Date: 09/15/2001

Chemical: Tritium (Hydrogen 3) Results: 1.35  
 Units: pCi/L Date: 11/02/2001

Chemical: Helium-4 Results: .0000000725977  
 Units: cm3STP/g Date: 09/15/2001

Chemical: Neon Results: .000000304451  
 Units: cm3STP/g Date: 09/15/2001

Chemical: Argon Results: .000390717  
 Units: cm3STP/g Date: 09/15/2001

Chemical: Krypton Results: .0000000850313  
 Units: cm3STP/g Date: 09/15/2001

Chemical: Xenon Results: .0000000111006  
 Units: cm3STP/g Date: 09/15/2001

**77  
SSE  
1/2 - 1 Mile  
Higher**

Site ID: 90044025  
 Groundwater Flow: S  
 Shallow Water Depth: 13  
 Deep Water Depth: 23  
 Average Water Depth: Not Reported  
 Date: 01/11/1989

**AQUIFLOW 34367**

**J78  
WSW  
1/2 - 1 Mile  
Lower**

**CA WELLS CADDW0000014809**

Well ID: 1910067-049 Well Type: MUNICIPAL  
 Source: Department of Health Services  
 Other Name: MANHATTAN WELL 01-A - DESTROYED  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp\\_date=&global\\_id=&assigned\\_name=1910067-049&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910067-049&store_num=)  
 GeoTracker Data: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**J79**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW0000004044**

Well ID:	1910067-282	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	MANHATTAN WELL #8	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910067-282&store_num=		
GeoTracker Data:	Not Reported		

**J80**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00007843**

Well ID:	USGS-335858118183901	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335858118183901	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-335858118183901&store_num=		
GeoTracker Data:	Not Reported		

**J81**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW0000003882**

Well ID:	1910067-052	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	MANHATTAN WELL 04-A	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910067-052&store_num=		
GeoTracker Data:	Not Reported		

**J82**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000139535**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S014W23H002S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19290813	Well Depth:	820
Well Depth Units:	ft	Well Hole Depth:	827
Well Hole Depth Units:	ft		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**K83**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000046645**

Well ID:	T0603701091-MW-6A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701091&amp;assigned_name=MW-6A&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701091&amp;assigned_name=MW-6A&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701091&amp;assigned_name=MW-6A">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701091&amp;assigned_name=MW-6A</a>		

**K84**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000033992**

Well ID:	T0603701091-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701091&amp;assigned_name=MW-16&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701091&amp;assigned_name=MW-16&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701091&amp;assigned_name=MW-16">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701091&amp;assigned_name=MW-16</a>		

**K85**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000132564**

Well ID:	T0603701091-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701091&amp;assigned_name=MW-25&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701091&amp;assigned_name=MW-25&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701091&amp;assigned_name=MW-25">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701091&amp;assigned_name=MW-25</a>		

**L86**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW0000012956**

Well ID:	1910067-283	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	MANHATTAN WELL #10	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1910067-283&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1910067-283&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**K87**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000032545**

Well ID:	T0603701091-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701091&amp;assigned_name=MW-8&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701091&amp;assigned_name=MW-8&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701091&amp;assigned_name=MW-8">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701091&amp;assigned_name=MW-8</a>		

**L88**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW0000019352**

Well ID:	1910067-284	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	MANHATTAN WELL #11	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1910067-284&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1910067-284&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**K89**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000138343**

Well ID:	T0603701091-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701091&amp;assigned_name=MW-10&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0603701091&amp;assigned_name=MW-10&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701091&amp;assigned_name=MW-10">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0603701091&amp;assigned_name=MW-10</a>		

**L90**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW0000010101**

Well ID:	1910067-285	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	MANHATTAN WELL #12	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1910067-285&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1910067-285&amp;store_num=</a>		
GeoTracker Data:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**K91**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000140859**

Well ID: T0603701091-MW-18      Well Type: MONITORING  
 Source: EDF      Other Name: MW-18  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0603701091&assigned\\_name=MW-18&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701091&assigned_name=MW-18&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0603701091&assigned\\_name=MW-18](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701091&assigned_name=MW-18)

**K92**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000139648**

Well ID: T0603701091-MW-19      Well Type: MONITORING  
 Source: EDF      Other Name: MW-19  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0603701091&assigned\\_name=MW-19&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701091&assigned_name=MW-19&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0603701091&assigned\\_name=MW-19](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701091&assigned_name=MW-19)

**K93**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000086189**

Well ID: T0603701091-MW-21      Well Type: MONITORING  
 Source: EDF      Other Name: MW-21  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0603701091&assigned\\_name=MW-21&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701091&assigned_name=MW-21&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0603701091&assigned\\_name=MW-21](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701091&assigned_name=MW-21)

**K94**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000064596**

Well ID: T0603701091-MW-23      Well Type: MONITORING  
 Source: EDF      Other Name: MW-23  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0603701091&assigned\\_name=MW-23&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701091&assigned_name=MW-23&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0603701091&assigned\\_name=MW-23](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701091&assigned_name=MW-23)

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**L95**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW0000019688**

Well ID: 1910067-050      Well Type: MUNICIPAL  
 Source: Department of Health Services  
 Other Name: MANHATTAN WELL 02-A      GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp\\_date=&global\\_id=&assigned\\_name=1910067-050&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910067-050&store_num=)  
 GeoTracker Data: Not Reported

**M96**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000133693**

Well ID: T10000001498-MW-2      Well Type: MONITORING  
 Source: EDF      Other Name: MW-2  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T10000001498&assigned\\_name=MW-2&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000001498&assigned_name=MW-2&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T10000001498&assigned\\_name=MW-2](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000001498&assigned_name=MW-2)

**M97**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000093127**

Well ID: T10000001498-MW-3      Well Type: MONITORING  
 Source: EDF      Other Name: MW-3  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T10000001498&assigned\\_name=MW-3&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000001498&assigned_name=MW-3&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T10000001498&assigned\\_name=MW-3](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000001498&assigned_name=MW-3)

**1G**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**AQUIFLOW      34367**

Site ID: 90044025  
 Groundwater Flow: S  
 Shallow Water Depth: 13  
 Deep Water Depth: 23  
 Average Water Depth: Not Reported  
 Date: 01/11/1989

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90044	2	0

Federal EPA Radon Zone for LOS ANGELES County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

### Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

### Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

### California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

## RADON

### State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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# APPENDIX B

## Historical Research Documentation

**5820 Normandie Ave**

5820 Normandie Ave  
Los Angeles, CA 90044

Inquiry Number: 6404287.5  
March 24, 2021

# The EDR-City Directory Abstract



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Executive Summary

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City Directory Images

*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2015. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 1320 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2015	Cole Information Services	-	X	X	-
2009	Cole Information Services	-	X	X	-
2006	Haines Company, Inc	-	X	X	-
2004	Cole Information Services	-	X	X	-
	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
1999	Cole Information Services	-	X	X	-
	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1994	Cole Information Services	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	Pacific Telephone	-	X	X	-
1964	Pacific Telephone	-	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	-	-	-
1956	Pacific Telephone	-	X	X	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

## FINDINGS

### TARGET PROPERTY INFORMATION

#### ADDRESS

5820 Normandie Ave  
Los Angeles, CA 90044

#### FINDINGS DETAIL

Target Property research detail.

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### 55TH ST W

##### 1149 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Kline Murble r	Pacific Telephone & Telegraph Co.

##### 1151 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Sechrist C A r	Pacific Telephone & Telegraph Co.

##### 1152 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Smart Lillian r	Pacific Telephone & Telegraph Co.

##### 1155 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Beatty Lavina T r	Pacific Telephone & Telegraph Co.

##### 1156 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Boes Jos W r	Pacific Telephone & Telegraph Co.

##### 1200 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Jacob Jos r	Pacific Telephone & Telegraph Co.

##### 1201 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Nelson Calvin T r	Pacific Telephone & Telegraph Co.

##### 1206 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Davidian Mary Lou r	Pacific Telephone & Telegraph Co.

##### 1207 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Beckwith Norris L r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1208 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Christy Kendall r	Pacific Telephone & Telegraph Co.

### 1209 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Kramer E Wesley r	Pacific Telephone & Telegraph Co.

### 1210 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Ferguson Jas L r	Pacific Telephone & Telegraph Co.

### 1211 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Goyer Richard P r	Pacific Telephone & Telegraph Co.

### 1214 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Funchess John A r	Pacific Telephone & Telegraph Co.

### 1215 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Robinson Harry N r	Pacific Telephone & Telegraph Co.

### 1216 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Walters A T r	Pacific Telephone & Telegraph Co.

### 1218 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Stewart Mary Mrs r	Pacific Telephone & Telegraph Co.

### 1219 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Hopmann Louise r	Pacific Telephone & Telegraph Co.

### 1222 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Flynn Elizabeth r	Pacific Telephone & Telegraph Co.

### 1223 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Taylor Helen A r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1226 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Van De Verg M Mrs r	Pacific Telephone & Telegraph Co.

### 1227 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Birnie Elfrieda Mrs r	Pacific Telephone & Telegraph Co.

### 1230 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Kitzmiller Martin V r	Pacific Telephone & Telegraph Co.

### 1231 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Young Eva r	Pacific Telephone & Telegraph Co.

### 1234 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Jackson Margery r	Pacific Telephone & Telegraph Co.

### 1235 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Harnish M H r	Pacific Telephone & Telegraph Co.

### 1238 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Zorn G A r	Pacific Telephone & Telegraph Co.

### 1239 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Lewis Jennie Mrs r	Pacific Telephone & Telegraph Co.

### 1242 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Dorsey Geo A r	Pacific Telephone & Telegraph Co.

### 1243 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Wawrychuk Wm r	Pacific Telephone & Telegraph Co.

### 1246 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Grella Gerard r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1247 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Curran Edw R	Pacific Telephone & Telegraph Co.

### 1250 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Neuberger Louis r	Pacific Telephone & Telegraph Co.

### 1251 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Weedmark Johnnie Mrs r	Pacific Telephone & Telegraph Co.

### 1254 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Toupal Jerome r	Pacific Telephone & Telegraph Co.

### 1255 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Paulson John r	Pacific Telephone & Telegraph Co.

### 1258 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Lemont Willis E r	Pacific Telephone & Telegraph Co.

### 1259 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Kassay Steve r	Pacific Telephone & Telegraph Co.

### 1261 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Connealy Hugh r	Pacific Telephone & Telegraph Co.

### 1262 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Vella Chas T r	Pacific Telephone & Telegraph Co.
	W 55th Zambito Dominic r	Pacific Telephone & Telegraph Co.

### 1300 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Malin Wm G r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1301 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Nepp John r	Pacific Telephone & Telegraph Co.

### 1304 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Lahr Hearley r	Pacific Telephone & Telegraph Co.

### 1305 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Larsen Newell D r	Pacific Telephone & Telegraph Co.

### 1311 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Forester Fred M r	Pacific Telephone & Telegraph Co.

### 1312 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Wilson Mary Mrs r	Pacific Telephone & Telegraph Co.

### 1316 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Merritt Claude H r	Pacific Telephone & Telegraph Co.

### 1317 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Winslow Clyde A r	Pacific Telephone & Telegraph Co.

### 1318 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Clare John V r	Pacific Telephone & Telegraph Co.

### 1320 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Scott Margaret Mrs r	Pacific Telephone & Telegraph Co.

### 1321 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Zachary Harry F r	Pacific Telephone & Telegraph Co.

### 1322 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Almaleh Solomon r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1324 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Schaffer Hyme r	Pacific Telephone & Telegraph Co.

### 1325 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Doidge Wm F r	Pacific Telephone & Telegraph Co.

### 1328 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Sansom Ralph Mrs r	Pacific Telephone & Telegraph Co.

### 1329 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Coulson P L r	Pacific Telephone & Telegraph Co.

### 1332 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Dias Ann r	Pacific Telephone & Telegraph Co.

### 1333 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Wasley Emma Mrs r	Pacific Telephone & Telegraph Co.

### 1336 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Banks C H r	Pacific Telephone & Telegraph Co.

### 1337 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Brown M W r	Pacific Telephone & Telegraph Co.

### 1340 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Knapp R C Jr r	Pacific Telephone & Telegraph Co.
	W 55th Wedler Fred C r	Pacific Telephone & Telegraph Co.

### 1341 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Izabal Jose Luis r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1343 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Fesler Frank r	Pacific Telephone & Telegraph Co.

### 1344 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Scofield H B r	Pacific Telephone & Telegraph Co.

### 1345 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Willingham Edith N r	Pacific Telephone & Telegraph Co.

### 1348 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Doster Luella Mrs r	Pacific Telephone & Telegraph Co.
	W 55th Salian Flomen r	Pacific Telephone & Telegraph Co.

### 1349 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Caiozzo Jos Mrs r	Pacific Telephone & Telegraph Co.
	W 55th Chayke Chas r	Pacific Telephone & Telegraph Co.

### 1350 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Carlson Gus F r	Pacific Telephone & Telegraph Co.

### 1352 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Concanon Marcella r	Pacific Telephone & Telegraph Co.

### 1353 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th McGhee S H r	Pacific Telephone & Telegraph Co.

### 1355 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th McGhee Carl r	Pacific Telephone & Telegraph Co.

### 1356 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Phinney Nora Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1358 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Monigold Mae r	Pacific Telephone & Telegraph Co.

### 1359 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Mansfield Stanley E r	Pacific Telephone & Telegraph Co.

### 1361 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Wasley Norman F r	Pacific Telephone & Telegraph Co.

### 1408 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Miller Geo W r	Pacific Telephone & Telegraph Co.
	W 55th Miller Harry L r	Pacific Telephone & Telegraph Co.

### 1409 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Wessel Chas r	Pacific Telephone & Telegraph Co.

### 1416 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Taff Nettie Mrs r	Pacific Telephone & Telegraph Co.

### 1417 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th McGuire John r	Pacific Telephone & Telegraph Co.

### 1418 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Bray Robt E r	Pacific Telephone & Telegraph Co.

### 1420 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Kaibas Wm r	Pacific Telephone & Telegraph Co.

### 1421 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Johnson Viola H r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1424 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Avery Katherine r	Pacific Telephone & Telegraph Co.

### 1425 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Carlton Harry H r	Pacific Telephone & Telegraph Co.

### 1428 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Larsen Alfred r	Pacific Telephone & Telegraph Co.

### 1429 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Ellison Rose Lee r	Pacific Telephone & Telegraph Co.
	W 55th Bryson Mamie r	Pacific Telephone & Telegraph Co.

### 1432 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Martin Numa J r	Pacific Telephone & Telegraph Co.

### 1433 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Bissonette W I r	Pacific Telephone & Telegraph Co.

### 1436 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Myers W A r	Pacific Telephone & Telegraph Co.

### 1437 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Stevenson Jesse C r	Pacific Telephone & Telegraph Co.

### 1440 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Agcaoili Monico E r	Pacific Telephone & Telegraph Co.

### 1441 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Marshall Frank M r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1444 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Carlton John H r	Pacific Telephone & Telegraph Co.

### 1445 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Prebble Clarke r	Pacific Telephone & Telegraph Co.

### 1448 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Krause Wm L r	Pacific Telephone & Telegraph Co.

### 1449 55TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 55th Scott Lucille r	Pacific Telephone & Telegraph Co.

### 56TH ST W

#### 1103 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Reilly Thos F r	Pacific Telephone & Telegraph Co.

#### 1106 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Sandefur C R Mrs r	Pacific Telephone & Telegraph Co.
	W 56th Bunny John P r	Pacific Telephone & Telegraph Co.

#### 1107 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Randalls J M r	Pacific Telephone & Telegraph Co.

#### 1109 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Crawford Robt A r	Pacific Telephone & Telegraph Co.

#### 1110 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Bucher B Susan r	Pacific Telephone & Telegraph Co.

#### 1114 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Ellery Newton L r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1115 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Klein Robt D r	Pacific Telephone & Telegraph Co.

### 1118 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Reid Jean D r	Pacific Telephone & Telegraph Co.

### 1119 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Porter Geo M r	Pacific Telephone & Telegraph Co.
	W 56th Holding B E r	Pacific Telephone & Telegraph Co.

### 1122 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Cox Winfield S Mrs r	Pacific Telephone & Telegraph Co.

### 1123 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Lopez Albert r	Pacific Telephone & Telegraph Co.

### 1126 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Jones Arthur Jos r	Pacific Telephone & Telegraph Co.

### 1127 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Lederle Vitus r	Pacific Telephone & Telegraph Co.

### 1128 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Cook Robt W r	Pacific Telephone & Telegraph Co.

### 1132 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Konefes Albert B r	Pacific Telephone & Telegraph Co.

### 1133 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Lydy F A r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1134 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Montgomery O H r	Pacific Telephone & Telegraph Co.

### 1136 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Koenig Frank A r	Pacific Telephone & Telegraph Co.

### 1137 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Martiensen Peter Mrs r	Pacific Telephone & Telegraph Co.

### 1140 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Dougherty Charles r	Pacific Telephone & Telegraph Co.

### 1141 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Dellsite Peggy r	Pacific Telephone & Telegraph Co.

### 1144 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Hastings T J r	Pacific Telephone & Telegraph Co.

### 1145 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Palacio Carmen r	Pacific Telephone & Telegraph Co.

### 1148 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Krenwinkel Joe r	Pacific Telephone & Telegraph Co.

### 1149 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Fowler F Viola r	Pacific Telephone & Telegraph Co.

### 1152 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th North Claude A r	Pacific Telephone & Telegraph Co.
	W 56th Allen Clella Arline r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1153 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Spinner Anton K r	Pacific Telephone & Telegraph Co.

### 1156 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Abens Frank N r	Pacific Telephone & Telegraph Co.

### 1157 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Grimm John J r	Pacific Telephone & Telegraph Co.

### 1200 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Nelson Gustav	Pacific Telephone & Telegraph Co.

### 1201 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Smedley E D	Pacific Telephone & Telegraph Co.

### 1203 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Thomas Vernon B r	Pacific Telephone & Telegraph Co.

### 1204 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Faul H W r	Pacific Telephone & Telegraph Co.

### 1205 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Manning R K Mrs r	Pacific Telephone & Telegraph Co.

### 1208 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Lithgow Harvey J r	Pacific Telephone & Telegraph Co.

### 1209 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Tolentino Dell Mrs r	Pacific Telephone & Telegraph Co.

### 1212 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Smithers Shelby W r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1215 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Roff Florence M r	Pacific Telephone & Telegraph Co.

### 1216 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Glenn Ruby r	Pacific Telephone & Telegraph Co.

### 1217 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Jones Otis S r	Pacific Telephone & Telegraph Co.

### 1220 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Skinner Rita A r	Pacific Telephone & Telegraph Co.

### 1221 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Bailey Margaret r	Pacific Telephone & Telegraph Co.

### 1224 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Engel Edwin D r	Pacific Telephone & Telegraph Co.

### 1225 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Tudor Fred M r	Pacific Telephone & Telegraph Co.

### 1230 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Harris Julia E Mrs r	Pacific Telephone & Telegraph Co.
	W 56th Vuchsas Geo r	Pacific Telephone & Telegraph Co.
	W 56th	Pacific Telephone & Telegraph Co.

### 1234 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Lambert Amos T r	Pacific Telephone & Telegraph Co.

### 1235 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Briganti A Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1238 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Willey Earl G r	Pacific Telephone & Telegraph Co.

### 1239 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Weemhof Gerrit M r	Pacific Telephone & Telegraph Co.

### 1240 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Haney A F r	Pacific Telephone & Telegraph Co.

### 1241 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Ramirez Jesus r	Pacific Telephone & Telegraph Co.

### 1244 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Murphy John J r	Pacific Telephone & Telegraph Co.

### 1249 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Wright Alfred A Mrs r	Pacific Telephone & Telegraph Co.

### 1253 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Neher Pearl r	Pacific Telephone & Telegraph Co.

### 1254 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Scott Ethel W Mrs r	Pacific Telephone & Telegraph Co.

### 1256 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Greer John r	Pacific Telephone & Telegraph Co.

### 1260 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Knisely Clement C r	Pacific Telephone & Telegraph Co.

### 1261 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Lindsey Harry N	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1300 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Israel Jos N r	Pacific Telephone & Telegraph Co.

### 1301 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Flocca Theo r	Pacific Telephone & Telegraph Co.

### 1304 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Pulliam Louis	Pacific Telephone & Telegraph Co.

### 1305 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Crawford Della O r	Pacific Telephone & Telegraph Co.

### 1306 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Francioni Camillo	Pacific Telephone & Telegraph Co.

### 1307 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Demchak Michael r	Pacific Telephone & Telegraph Co.

### 1308 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Kyritsky Sam r	Pacific Telephone & Telegraph Co.

### 1309 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Manos Manuel M r	Pacific Telephone & Telegraph Co.

### 1312 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Lackey Ross r	Pacific Telephone & Telegraph Co.

### 1317 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Cordova Leo r	Pacific Telephone & Telegraph Co.

### 1320 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Drapalik Gladys M r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1321 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Perez Morris r	Pacific Telephone & Telegraph Co.

### 1324 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Mantas Geo r	Pacific Telephone & Telegraph Co.

### 1327 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Kinnett Frances Mrs r	Pacific Telephone & Telegraph Co.

### 1328 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Polfus Orville L r	Pacific Telephone & Telegraph Co.

### 1329 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Pfeiffer John K	Pacific Telephone & Telegraph Co.

### 1332 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Adams Paul L r	Pacific Telephone & Telegraph Co.

### 1336 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Marsh Hattie G r	Pacific Telephone & Telegraph Co.

### 1339 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Wittwer I J r	Pacific Telephone & Telegraph Co.

### 1342 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Pearce Amy S r	Pacific Telephone & Telegraph Co.

### 1343 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Holland Albert F r	Pacific Telephone & Telegraph Co.

### 1346 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Hamilton Mary r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1347 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Spotts Mary E r	Pacific Telephone & Telegraph Co.

### 1349 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Cross Kenneth L r	Pacific Telephone & Telegraph Co.

### 1411 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Silva Clemente	Pacific Telephone & Telegraph Co.

### 1416 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th VonBulow B r	Pacific Telephone & Telegraph Co.
	W 56th Blandino J A r	Pacific Telephone & Telegraph Co.

### 1417 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Denman Wm W r	Pacific Telephone & Telegraph Co.

### 1420 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Spath Ed J r	Pacific Telephone & Telegraph Co.

### 1421 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Foster Elizabeth C r	Pacific Telephone & Telegraph Co.

### 1424 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Atkins Robt P r	Pacific Telephone & Telegraph Co.

### 1425 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Gardner Raymond J r	Pacific Telephone & Telegraph Co.

### 1428 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Losack Leo Clifford r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1429 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Mason Geo H r	Pacific Telephone & Telegraph Co.

### 1431 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Woodside W A r	Pacific Telephone & Telegraph Co.

### 1432 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Clemons Grant r	Pacific Telephone & Telegraph Co.

### 1433 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Thompson Robt S r	Pacific Telephone & Telegraph Co.

### 1437 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Bocchieri Ann r	Pacific Telephone & Telegraph Co.

### 1440 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Stauffer John L r	Pacific Telephone & Telegraph Co.

### 1441 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Nelson N O r	Pacific Telephone & Telegraph Co.

### 1444 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Kravitz Phil r	Pacific Telephone & Telegraph Co.

### 1447 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Romane Albert E r	Pacific Telephone & Telegraph Co.

### 1448 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Allen H A r	Pacific Telephone & Telegraph Co.

### 1449 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Sanders Hobart E r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1452 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Thompson A S Mrs r	Pacific Telephone & Telegraph Co.

### 1453 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Dickinson Esther J r	Pacific Telephone & Telegraph Co.

### 1456 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Tack Edw H r	Pacific Telephone & Telegraph Co.

### 1457 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Mioli Mike r	Pacific Telephone & Telegraph Co.

### 1459 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Richardson Dorothy r	Pacific Telephone & Telegraph Co.

### 1461 56TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 56th Huber Roland A r	Pacific Telephone & Telegraph Co.

### 57TH ST W

#### 1101 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Shandrick Paul r	Pacific Telephone & Telegraph Co.

#### 1105 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Foti Rosario r	Pacific Telephone & Telegraph Co.

#### 1108 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Williams Cecil r	Pacific Telephone & Telegraph Co.

#### 1109 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Schlocker Paul P r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1112 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Zimmer Edw r	Pacific Telephone & Telegraph Co.

### 1113 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Pantel John Mrs r	Pacific Telephone & Telegraph Co.

### 1114 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th McKinley R S r	Pacific Telephone & Telegraph Co.

### 1115 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Giltch Martin r	Pacific Telephone & Telegraph Co.

### 1116 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Manhart B H	Pacific Telephone & Telegraph Co.

### 1117 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Hall Robt W r	Pacific Telephone & Telegraph Co.

### 1118 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Carlson Elin Mrs r	Pacific Telephone & Telegraph Co.

### 1119 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Foster Josephine H r	Pacific Telephone & Telegraph Co.
	W 57th Foster Frank r	Pacific Telephone & Telegraph Co.
	W 57th Iiams C R r	Pacific Telephone & Telegraph Co.

### 1120 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Barworth Wm Mrs r	Pacific Telephone & Telegraph Co.

### 1121 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Hall F Glen r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1124 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Rizzo Anthony r	Pacific Telephone & Telegraph Co.

### 1128 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Lioret Esther r	Pacific Telephone & Telegraph Co.

### 1129 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Thomas A W r	Pacific Telephone & Telegraph Co.

### 1130 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Hayes Grace S Mrs r	Pacific Telephone & Telegraph Co.

### 1132 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Moore Jas H r	Pacific Telephone & Telegraph Co.

### 1133 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Lorenz Martin r	Pacific Telephone & Telegraph Co.

### 1136 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Glover David r	Pacific Telephone & Telegraph Co.

### 1140 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Sollazzo Frank J r	Pacific Telephone & Telegraph Co.

### 1141 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Endres L S r	Pacific Telephone & Telegraph Co.

### 1143 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Washburn Lowell A r	Pacific Telephone & Telegraph Co.
	W 57th Menches Frank F r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1144 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Stockwell Floreine r	Pacific Telephone & Telegraph Co.

### 1145 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Hanf Walter C r	Pacific Telephone & Telegraph Co.

### 1146 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th White Hazel J r	Pacific Telephone & Telegraph Co.
	W 57th Tetzlaff Marie Mrs r	Pacific Telephone & Telegraph Co.

### 1147 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Federspill B L r	Pacific Telephone & Telegraph Co.

### 1149 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Mufich Ann r	Pacific Telephone & Telegraph Co.
	W 57th Merrick R J r	Pacific Telephone & Telegraph Co.

### 1150 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Friedland S r	Pacific Telephone & Telegraph Co.
	W 57th Bingham Iva K r	Pacific Telephone & Telegraph Co.

### 1152 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Willis Lillian r	Pacific Telephone & Telegraph Co.

### 1153 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Webb Guy R r	Pacific Telephone & Telegraph Co.

### 1154 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Wheeler Chas C r	Pacific Telephone & Telegraph Co.

### 1155 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Cornish Violet E Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

**Year**      **Uses**

1951      W 57th Ross Jas R r

**Source**

Pacific Telephone & Telegraph Co.

**1156 57TH ST W**

**Year**      **Uses**

1951      W 57th Dryden Jack r

**Source**

Pacific Telephone & Telegraph Co.

**1157 57TH ST W**

**Year**      **Uses**

1951      W 57th Kleinschmidt Laura F r

**Source**

Pacific Telephone & Telegraph Co.

**1158 57TH ST W**

**Year**      **Uses**

1951      W 57th McClure W L r

**Source**

Pacific Telephone & Telegraph Co.

**1159 57TH ST W**

**Year**      **Uses**

1951      W 57th Benveniste Al  
            W 57th Willis Barnet r

**Source**

Pacific Telephone & Telegraph Co.

Pacific Telephone & Telegraph Co.

**1205 57TH ST W**

**Year**      **Uses**

1951      W 57th Kimberly M r

**Source**

Pacific Telephone & Telegraph Co.

**1206 57TH ST W**

**Year**      **Uses**

1951      W 57th Shepard Laura Mrs r

**Source**

Pacific Telephone & Telegraph Co.

**1209 57TH ST W**

**Year**      **Uses**

1951      W 57th Miller Herman O r

**Source**

Pacific Telephone & Telegraph Co.

**1210 57TH ST W**

**Year**      **Uses**

1951      W 57th Antczak Al J r

**Source**

Pacific Telephone & Telegraph Co.

**1216 57TH ST W**

**Year**      **Uses**

1951      W 57th Seymour Dorothy N r

**Source**

Pacific Telephone & Telegraph Co.

**1220 57TH ST W**

**Year**      **Uses**

1951      W 57th Greer Winnie r

**Source**

Pacific Telephone & Telegraph Co.

## FINDINGS

### 1221 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Prado Julian r	Pacific Telephone & Telegraph Co.

### 1225 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Morrissey Danl E r	Pacific Telephone & Telegraph Co.

### 1228 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Wharmby Helen F r	Pacific Telephone & Telegraph Co.

### 1229 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th McEachern G M r	Pacific Telephone & Telegraph Co.

### 1233 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Bornschein J H r	Pacific Telephone & Telegraph Co.

### 1234 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Cimino Vincent L r	Pacific Telephone & Telegraph Co.

### 1236 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Maxcy Jas P Jr r	Pacific Telephone & Telegraph Co.

### 1237 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Marquardt Arthur M r	Pacific Telephone & Telegraph Co.

### 1238 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Maxcy J P r	Pacific Telephone & Telegraph Co.

### 1243 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Carlsson V r	Pacific Telephone & Telegraph Co.

### 1244 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Smith G T r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1245 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Monahon Gordon r	Pacific Telephone & Telegraph Co.

### 1250 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Feinberg Alice r	Pacific Telephone & Telegraph Co.

### 1251 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Kosoris Harry M	Pacific Telephone & Telegraph Co.

### 1253 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Burke Hugh J r	Pacific Telephone & Telegraph Co.

### 1254 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th	Pacific Telephone & Telegraph Co.
	W 57th	Pacific Telephone & Telegraph Co.
	Hunt Maud r	Pacific Telephone & Telegraph Co.
	W 57th Warren Christina r	Pacific Telephone & Telegraph Co.
	Hass Wm r	Pacific Telephone & Telegraph Co.

### 1257 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Keelin Edw M r	Pacific Telephone & Telegraph Co.

### 1258 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Zimmerman Paul r	Pacific Telephone & Telegraph Co.

### 1261 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Kassarian Jos L r	Pacific Telephone & Telegraph Co.

### 1262 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Meislin Irving W r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1263 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Hanna John E r	Pacific Telephone & Telegraph Co.

### 1264 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th McCoolle Delores	Pacific Telephone & Telegraph Co.

### 1300 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Krikorian Haig A r	Pacific Telephone & Telegraph Co.
	W 57th Smith Clyde R r	Pacific Telephone & Telegraph Co.

### 1302 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th De Lano Leaman R r	Pacific Telephone & Telegraph Co.

### 1304 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Lowe Elizabeth W	Pacific Telephone & Telegraph Co.
	W 57th Kennedy Jas W r	Pacific Telephone & Telegraph Co.

### 1305 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Campbell Harry J r	Pacific Telephone & Telegraph Co.

### 1306 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Vincent Benj F r	Pacific Telephone & Telegraph Co.
	W 57th Cozy Raymond A r	Pacific Telephone & Telegraph Co.

### 1307 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Ryan Laverne r	Pacific Telephone & Telegraph Co.

### 1308 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Hall Jerry E r	Pacific Telephone & Telegraph Co.
	W 57th Aldays S r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1309 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Juhasz Alex r	Pacific Telephone & Telegraph Co.

### 1310 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Tichenor C L r	Pacific Telephone & Telegraph Co.
	W 57th Waters Howard R r	Pacific Telephone & Telegraph Co.

### 1312 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Sigurdson Halldora K r	Pacific Telephone & Telegraph Co.

### 1314 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Reeves Nancy H r	Pacific Telephone & Telegraph Co.

### 1315 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Mizrahi Ralph r	Pacific Telephone & Telegraph Co.

### 1316 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Johnson Clifford S r	Pacific Telephone & Telegraph Co.

### 1317 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Roehlk Harley E r	Pacific Telephone & Telegraph Co.

### 1318 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Okerson T E r	Pacific Telephone & Telegraph Co.
	W 57th Smith Rollin C r	Pacific Telephone & Telegraph Co.
	W 57th Smith Wm C r	Pacific Telephone & Telegraph Co.
	W 57th Okerson Irene r	Pacific Telephone & Telegraph Co.

### 1321 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Jones Minnette Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1324 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Stein Fred r	Pacific Telephone & Telegraph Co.

### 1329 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Jennings M Badgley r	Pacific Telephone & Telegraph Co.

### 1330 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Lo Bue Salvatore r	Pacific Telephone & Telegraph Co.

### 1333 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Clawson Nelda Mrs r	Pacific Telephone & Telegraph Co.

### 1337 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Rayle Luella r	Pacific Telephone & Telegraph Co.

### 1339 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th McMichael Lester C r	Pacific Telephone & Telegraph Co.

### 1340 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Wildasin Florence Nightingale r	Pacific Telephone & Telegraph Co.

### 1341 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Churchwell Robt C r	Pacific Telephone & Telegraph Co.

### 1345 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Milano Chas r	Pacific Telephone & Telegraph Co.

### 1346 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Rosso Dominic r	Pacific Telephone & Telegraph Co.
	W 57th Allison Ruben V	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1348 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Russell Fay r	Pacific Telephone & Telegraph Co.
	W 57th Buss Ronald E	Pacific Telephone & Telegraph Co.

### 1349 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Flannery A D r	Pacific Telephone & Telegraph Co.

### 1350 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Rosso Vingenizo r	Pacific Telephone & Telegraph Co.

### 1353 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Bartlam T C r	Pacific Telephone & Telegraph Co.

### 1357 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Nyquist Edith r	Pacific Telephone & Telegraph Co.

### 1361 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Westerholt John H r	Pacific Telephone & Telegraph Co.

### 1414 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Lee Richard W r	Pacific Telephone & Telegraph Co.

### 1417 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Richartz W L r	Pacific Telephone & Telegraph Co.

### 1420 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Ritchey Alvin r	Pacific Telephone & Telegraph Co.

### 1421 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Aguilera Virginia r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1424 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Morton Clifford T r	Pacific Telephone & Telegraph Co.

### 1428 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Stokes Virgil	Pacific Telephone & Telegraph Co.

### 1432 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Moore Ruby	Pacific Telephone & Telegraph Co.
	W 57th Pink Nina Mrs	Pacific Telephone & Telegraph Co.

### 1436 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Helm Louis J r	Pacific Telephone & Telegraph Co.

### 1437 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Kyles Robbie r	Pacific Telephone & Telegraph Co.

### 1440 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Moses Belford N	Pacific Telephone & Telegraph Co.

### 1446 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Kyees O W r	Pacific Telephone & Telegraph Co.

### 1448 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Tjernstrom Ragnar r	Pacific Telephone & Telegraph Co.

### 1449 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Weiss Louis r	Pacific Telephone & Telegraph Co.

### 1452 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Unter Ella K r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1453 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Slater Dave r	Pacific Telephone & Telegraph Co.
	W 57th Slater John D r	Pacific Telephone & Telegraph Co.

### 1456 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Lenthon Mary r	Pacific Telephone & Telegraph Co.

### 1457 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Boswell F M r	Pacific Telephone & Telegraph Co.

### 1460 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Griffith Peggy J r	Pacific Telephone & Telegraph Co.

### 1500 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Smith Larnce T Sgt	Pacific Telephone & Telegraph Co.

### 1501 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Surman Saml S r	Pacific Telephone & Telegraph Co.
	W 57th Hicks Effie M r	Pacific Telephone & Telegraph Co.

### 1502 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Becerril Armida F r	Pacific Telephone & Telegraph Co.

### 1504 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Howe Anna Mrs r	Pacific Telephone & Telegraph Co.

### 1505 57TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 57th Shemaria Raoul r	Pacific Telephone & Telegraph Co.

## FINDINGS

### **58TH PL W**

#### **1101 58TH PL W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 58th PI Piest Lloyd M r	Pacific Telephone & Telegraph Co.

#### **1104 58TH PL W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

#### **1105 58TH PL W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HAMILTON Frank	Haines & Company
1951	W 58th PI Van Gundy C C Mrs r	Pacific Telephone & Telegraph Co.

#### **1108 58TH PL W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	COOPER Rosie	Haines & Company
1951	W 58th PI Kifer Ruth r	Pacific Telephone & Telegraph Co.

#### **1109 58TH PL W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MARTINEZ Rigoberto	Haines & Company
1951	W 58th PI Healey Bernice Mrs r	Pacific Telephone & Telegraph Co.

#### **1112 58TH PL W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ROWAN Dorothy	Haines & Company
1951	W 58th PI Dudas Andrew r	Pacific Telephone & Telegraph Co.

#### **1113 58TH PL W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WILLIAMS Petronila	Haines & Company

#### **1116 58TH PL W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Ellis Grover O r	Pacific Telephone & Telegraph Co.

#### **1117 58TH PL W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Hamilton Neva r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1118 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	a 1/2 SOTO Pedro XXXX	Haines & Company Haines & Company
1951	W 58th PI Smith Geo W r	Pacific Telephone & Telegraph Co.

### 1120 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WILSON Betty a 1/2 RICHARDSON Debra DAVIS Betty WILSON Archie Lee Sr	Haines & Company Haines & Company Haines & Company Haines & Company
1951	W 58th PI Heffernan R E r W 58th PI Doyle Richard E r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

### 1121 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ORTIZ Angel	Haines & Company

### 1124 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LARRY Betty	Haines & Company
1951	W 58th PI Van Ahlers John G r	Pacific Telephone & Telegraph Co.

### 1125 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HILL Ruby	Haines & Company
1951	W 58th PI Market Jas A r E 58th Davis Toy Lee r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

### 1127 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ABRAM Gincie JACKSON Toylee	Haines & Company Haines & Company
1951	W 58th PI Trivoli Ralph V r E 58th Irving Sterling	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

### 1129 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Klopping Neil H r E 58th Welch Henry r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

## FINDINGS

### 1130 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LOPEZ Maria	Haines & Company
1951	W 58th PI McKenna Emma B Mrs r	Pacific Telephone & Telegraph Co.

### 1131 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PINEDA Jesus	Haines & Company
	ALVARADO Apimenio	Haines & Company
1951	E 58th Gardner Charlie r	Pacific Telephone & Telegraph Co.
	W 58th PI Reichwein C R r	Pacific Telephone & Telegraph Co.

### 1132 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 58th PI Vining Leo Jr	Pacific Telephone & Telegraph Co.

### 1133 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	KYLES Leroy	Haines & Company

### 1136 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WRIGHT Melven	Haines & Company
	WEBB Darnell	Haines & Company
1951	W 58th PI Storm David Van r	Pacific Telephone & Telegraph Co.

### 1137 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CADE Gladys	Haines & Company
1951	W 58th PI Baker Elmer J Mrs r	Pacific Telephone & Telegraph Co.
	E 58th Shaw John r	Pacific Telephone & Telegraph Co.

### 1140 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Marzullo James D r	Pacific Telephone & Telegraph Co.

### 1141 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BUENROSTRO Refugio	Haines & Company
1951	W 58th PI Consiglic Paul r	Pacific Telephone & Telegraph Co.
	W 58th PI Koonz Tom H r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1143 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Thames Ella B r	Pacific Telephone & Telegraph Co.
	E 58th Austin M H r	Pacific Telephone & Telegraph Co.

### 1144 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MOLLES Paul	Haines & Company
1951	W 58th PI Vandergrift Peter r	Pacific Telephone & Telegraph Co.
	W 58th PI Stanek Rex L r	Pacific Telephone & Telegraph Co.

### 1145 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Mills W C r	Pacific Telephone & Telegraph Co.

### 1147 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BRAVO Roberto	Haines & Company
	SANCHEZ Abigail	Haines & Company
1951	W 58th PI Paynter Seana J r	Pacific Telephone & Telegraph Co.

### 1148 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GOLDSMITH Jack	Haines & Company
1951	W 58th PI Tuso J J r	Pacific Telephone & Telegraph Co.

### 1149 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SANCHEZ Abigail	Haines & Company
1951	W 58th PI Schwanzara Chas r	Pacific Telephone & Telegraph Co.

### 1150 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Tuso Frank P r	Pacific Telephone & Telegraph Co.
	W 58th PI Chidester Jeannette S Mrs r	Pacific Telephone & Telegraph Co.

### 1152 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	FLORES Cipnano	Haines & Company
1951	W 58th PI Greider Roy r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1153 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	FLORES Max	Haines & Company

### 1155 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Prax C F r	Pacific Telephone & Telegraph Co.
	E 58th Henderson Robt C r	Pacific Telephone & Telegraph Co.

### 1156 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Northrup Carrie Mrs r	Pacific Telephone & Telegraph Co.

### 1157 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SALAZAR Raul	Haines & Company
1951	W 58th PI Golisano John Edw r	Pacific Telephone & Telegraph Co.

### 1161 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Harris Alyce Mrs r	Pacific Telephone & Telegraph Co.

### 1166 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th General Floor Co	Pacific Telephone & Telegraph Co.
	E 58th Starbird Jas N & Associates	Pacific Telephone & Telegraph Co.
	E 58th General Floor Co	Pacific Telephone & Telegraph Co.

### 1181 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Smith Will r	Pacific Telephone & Telegraph Co.

### 1187 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Smith Stanford r	Pacific Telephone & Telegraph Co.

### 1193 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th McMahan Lloyd R Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1200 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RICHARDSON Steve 58TH PL W 90044 CONT RICHARDSON G W Rev	Haines & Company Haines & Company Haines & Company
1951	E 58th Green Walter r W 58th PI Frank Jacque r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

### 1201 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JONES Willie	Haines & Company

### 1202 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Alberga Clara r	Pacific Telephone & Telegraph Co.

### 1207 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CANDIES Frank	Haines & Company
1951	W 58th PI Stolinski August J r	Pacific Telephone & Telegraph Co.

### 1208 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RICHARDSON Gentry	Haines & Company

### 1209 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Laws Georgia r	Pacific Telephone & Telegraph Co.

### 1210 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	E 58th Franklin Ann E W 58th PI Plummer Francis W r E 58th Sykes Cleo Bell r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

### 1211 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JIMENEZ Jesus	Haines & Company
1951	W 58th PI Coyle Harry H r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1214 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 58th Pl Montgomery Hamilton Sr r	Pacific Telephone & Telegraph Co.

### 1215 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	REYES Rodolfo	Haines & Company
1951	W 58th Pl Nelson Bertha M r	Pacific Telephone & Telegraph Co.
	E 58th Paul Wm r	Pacific Telephone & Telegraph Co.

### 1216 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 58th Pl Holley Lee M r	Pacific Telephone & Telegraph Co.

### 1218 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BROUSSARD Susan	Haines & Company
	THAXTON Jimmie	Haines & Company
1951	W 58th Pl Haberman Samuel J r	Pacific Telephone & Telegraph Co.

### 1219 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BLAYLOCK Douglas	Haines & Company
1951	W 58th Pl Aiken Edward r	Pacific Telephone & Telegraph Co.

### 1220 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Foster Machry Co	Pacific Telephone & Telegraph Co.

### 1222 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SANDOVAL Evangelina	Haines & Company
	OCHOA Alejandro	Haines & Company
1951	W 58th Pl Hicks John E r	Pacific Telephone & Telegraph Co.

### 1223 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GONZALEZ Carlos	Haines & Company
1951	E 58th Winn Carolyn r	Pacific Telephone & Telegraph Co.
	W 58th Pl Loyd Sibyl L Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1226 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CHACON Guadalupe	Haines & Company
1951	W 58th PI Beckman Barney r	Pacific Telephone & Telegraph Co.

### 1227 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BAUTISTA Maria	Haines & Company
1951	W 58th PI Fielder Willard N r	Pacific Telephone & Telegraph Co.

### 1230 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BARRIOS Rudy	Haines & Company
1951	W 58th PI Guyer Eva M Mrs r	Pacific Telephone & Telegraph Co.
	W 58th PI Cameron Ernest A r	Pacific Telephone & Telegraph Co.

### 1231 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DENT Phoebe	Haines & Company
1951	W 58th PI Swinford Warren C r	Pacific Telephone & Telegraph Co.

### 1234 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NNamdi Jabulani	Haines & Company
	HUNT Lovell	Haines & Company
1951	E 58th Duncan D D & Co sash & doors	Pacific Telephone & Telegraph Co.

### 1235 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ADKINS Varee	Haines & Company
1951	E 58th White Geo W dntl techncn	Pacific Telephone & Telegraph Co.
	W 58th PI Jordan Willard S r	Pacific Telephone & Telegraph Co.

### 1238 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MENDOZA Orlando	Haines & Company
1951	W 58th PI Cazaux Elie P r	Pacific Telephone & Telegraph Co.

### 1239 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SAMPLER Doris	Haines & Company
1951	E 58th Cole Jessie Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Du Bry L E r	Pacific Telephone & Telegraph Co.

### 1241 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Crudup Esther r	Pacific Telephone & Telegraph Co.
	E 58th Harris Anna B r	Pacific Telephone & Telegraph Co.

### 1242 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MCKINNEY Juanita	Haines & Company
1951	W 58th PI Knowles D C r	Pacific Telephone & Telegraph Co.

### 1243 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Dotson C P r	Pacific Telephone & Telegraph Co.

### 1246 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	OLIVA Saul 00 C	Haines & Company
1951	W 58th PI Chase C C r	Pacific Telephone & Telegraph Co.

### 1247 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RUBIO Maria	Haines & Company
1951	E 58th Sanders Clifton r	Pacific Telephone & Telegraph Co.
	W 58th PI Grizzle Richard E r	Pacific Telephone & Telegraph Co.

### 1250 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CABEZAS Salvador	Haines & Company
1951	W 58th PI Bergener Henry A r	Pacific Telephone & Telegraph Co.
	E 58th Owens Leah r	Pacific Telephone & Telegraph Co.

### 1251 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CAMPOS Ragelio 00 H	Haines & Company
1951	W 58th PI Schullo A J r	Pacific Telephone & Telegraph Co.

### 1253 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Stanfield Fitzlyn r	Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Jenkins J M Rev r	Pacific Telephone & Telegraph Co.

### 1254 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BOOKER Felton	Haines & Company
1951	W 58th PI Welke G E r	Pacific Telephone & Telegraph Co.

### 1255 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WILLIAMS Earl	Haines & Company
1951	W 58th PI Mendoza Lucille J r	Pacific Telephone & Telegraph Co.

### 1256 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Claridy Harold N r	Pacific Telephone & Telegraph Co.

### 1257 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Tippet Helen r	Pacific Telephone & Telegraph Co.

### 1258 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PUGA Carlos	Haines & Company
1951	W 58th PI Delzell Chas L r	Pacific Telephone & Telegraph Co.

### 1259 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	AGUILAR Cesar	Haines & Company
1951	E 58th Dyer Clarabelle r	Pacific Telephone & Telegraph Co.
	W 58th PI Randall Chas P r	Pacific Telephone & Telegraph Co.

### 1268 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Morris Aubrey r	Pacific Telephone & Telegraph Co.

### 1271 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Du Bose Perry Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1276 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Advance Spring Mfg Co	Pacific Telephone & Telegraph Co.

### 1283 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Gibson Nellie Mrs r	Pacific Telephone & Telegraph Co.
	E 58th Nance Raymond E Rev r	Pacific Telephone & Telegraph Co.

### 1300 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TORRES Frank	Haines & Company
1951	W 58th PI Farmer Anna M r	Pacific Telephone & Telegraph Co.
	E 58th Alston Junis r	Pacific Telephone & Telegraph Co.

### 1301 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HAMILTON Arlett	Haines & Company
1951	W 58th PI Mills Evarett C r	Pacific Telephone & Telegraph Co.

### 1303 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Marshall Lawrence r	Pacific Telephone & Telegraph Co.

### 1304 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	a 1/2 PENALOZA Jose A	Haines & Company
	PITTS Leo	Haines & Company
1951	W 58th PI Price Robt L r	Pacific Telephone & Telegraph Co.

### 1305 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Woodburn Mary E r	Pacific Telephone & Telegraph Co.

### 1308 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HICKS Cassandra	Haines & Company
	FLETCHER Warren	Haines & Company
1951	W 58th PI White Alice r	Pacific Telephone & Telegraph Co.
	E 58th Jacobs Earlene r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1309 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PHELPS Larry	Haines & Company
1951	W 58th PI Faustina Manuel E r	Pacific Telephone & Telegraph Co.

### 1311 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Brown Lowrena Mrs r	Pacific Telephone & Telegraph Co.

### 1312 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PAYNE Warren	Haines & Company
1951	W 58th PI Birnbaum Edw A r	Pacific Telephone & Telegraph Co.

### 1313 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JOHNSON Damisha	Haines & Company
	COLLINS Doldean	Haines & Company
1951	W 58th PI Martin Jos T r	Pacific Telephone & Telegraph Co.

### 1314 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Leon Rafael r	Pacific Telephone & Telegraph Co.

### 1316 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DIAZ Luis	Haines & Company
	DIAZ Esperanza	Haines & Company
1951	W 58th PI Higgs John W r	Pacific Telephone & Telegraph Co.

### 1317 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CLARK Sam	Haines & Company
1951	W 58th PI Davila Betty r	Pacific Telephone & Telegraph Co.

### 1320 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ASHFORD Bessie	Haines & Company
1951	W 58th PI Kelber Beckie r	Pacific Telephone & Telegraph Co.
	E 58th Said Hassan r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1321 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HOWARD Latanya	Haines & Company
1951	W 58th PI Hemenway Clyde J r E 58th Sanders Uclide r E 58th Wilson Ed r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

### 1323 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 1324 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GARCIA Miguel	Haines & Company
1951	W 58th PI Chenier Ralph r	Pacific Telephone & Telegraph Co.

### 1325 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HOWARD Latanya a 1/2 LATHA Jas	Haines & Company Haines & Company
1951	W 58th PI Snider Doris Jean r	Pacific Telephone & Telegraph Co.

### 1327 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Ryan Gertrude M r	Pacific Telephone & Telegraph Co.

### 1328 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	IBARRA Ramon	Haines & Company
1951	E 58th Guest Arthur r	Pacific Telephone & Telegraph Co.

### 1329 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RAMIREZ Raquel	Haines & Company
1951	W 58th PI Spencer Jack r	Pacific Telephone & Telegraph Co.

### 1332 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BROWN Louis	Haines & Company
1951	W 58th PI Richmond W H r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1333 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NAVARRO Rodolfo	Haines & Company
1951	W 58th PI Kleinheinz Leo W r	Pacific Telephone & Telegraph Co.
	E 58th McCoy Johnny r	Pacific Telephone & Telegraph Co.
	E 58th Dirks Ida M Mrs r	Pacific Telephone & Telegraph Co.

### 1336 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MONROY Galberto	Haines & Company
1951	W 58th PI Clark Guy L plmbr	Pacific Telephone & Telegraph Co.
	W 58th PI Clark Guy L r	Pacific Telephone & Telegraph Co.

### 1337 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ORTIZ Jorge	Haines & Company
1951	W 58th PI Baker C W r	Pacific Telephone & Telegraph Co.

### 1338 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Bell Moanna Mrs r	Pacific Telephone & Telegraph Co.

### 1339 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Harrison Candacy r	Pacific Telephone & Telegraph Co.

### 1340 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PENN Norma	Haines & Company
1951	W 58th PI Nelson Ruby C r	Pacific Telephone & Telegraph Co.

### 1341 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Young Dahlia M r	Pacific Telephone & Telegraph Co.

### 1344 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LAKES Wendy	Haines & Company
1951	E 58th Beacham Lela O r	Pacific Telephone & Telegraph Co.
	W 58th PI Lofing Betty r	Pacific Telephone & Telegraph Co.
	E 58th Gaskill Wm Jr r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1345 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	AVELAR Miguel	Haines & Company
1951	W 58th PI Churchill C A r	Pacific Telephone & Telegraph Co.

### 1348 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JOHNSON Sheila	Haines & Company
1951	W 58th PI Clingerman Jack r	Pacific Telephone & Telegraph Co.

### 1349 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PEAY Mark	Haines & Company
	ROSS Sharon	Haines & Company

### 1351 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Conway Arthur C r	Pacific Telephone & Telegraph Co.

### 1352 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Hawkins Lorraine r	Pacific Telephone & Telegraph Co.

### 1353 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SALTSMAN Gerald	Haines & Company
1951	W 58th PI Gaetjens Henry W r	Pacific Telephone & Telegraph Co.

### 1354 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JACKSON Oledia	Haines & Company
1951	W 58th PI Gramer Victor W r	Pacific Telephone & Telegraph Co.

### 1356 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CLARK Sam	Haines & Company
	WYNDHAM Willie B	Haines & Company
1951	E 58th Boykin Herman r	Pacific Telephone & Telegraph Co.
	W 58th PI Slater Peter A r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1357 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	THOMAS Dion F	Haines & Company
	SHOKRAI Abbas	Haines & Company
	WEALTH CODE	Haines & Company
1951	W 58th PI Burt Roberta J r	Pacific Telephone & Telegraph Co.

### 1364 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Lee Laura	Pacific Telephone & Telegraph Co.

### 1366 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Saffold Saml r	Pacific Telephone & Telegraph Co.

### 1370 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Burwell L A r	Pacific Telephone & Telegraph Co.

### 1374 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Houston Oscar City Rubbish Co	Pacific Telephone & Telegraph Co.
	E 58th City Rubbish Co	Pacific Telephone & Telegraph Co.

### 1375 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Freeman Carter r	Pacific Telephone & Telegraph Co.
	E 58th Davis Sam r	Pacific Telephone & Telegraph Co.

### 1381 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Hendrick Robt r	Pacific Telephone & Telegraph Co.

### 1387 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Craig Fred r	Pacific Telephone & Telegraph Co.

### 1400 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Docken Ole r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1401 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Crozier Enez r	Pacific Telephone & Telegraph Co.

### 1402 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Fitzgerald W r	Pacific Telephone & Telegraph Co.

### 1404 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Butler Eula Mrs r	Pacific Telephone & Telegraph Co.

### 1406 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	COLEMAN Mildred	Haines & Company

### 1407 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Huisveld Richard A r	Pacific Telephone & Telegraph Co.

### 1408 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Ferguson Mary r	Pacific Telephone & Telegraph Co.

### 1410 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DAVIS Clyde	Haines & Company
	RODRIGUEZ Bertha	Haines & Company
1951	W 58th PI Smith Alfred H r	Pacific Telephone & Telegraph Co.

### 1411 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ROBINSON Wesley	Haines & Company
1951	W 58th PI Corral Jess D r	Pacific Telephone & Telegraph Co.

### 1413 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RAMIREZ LOPEZ Benito	Haines & Company
	RAMIREZ Rodolfo L	Haines & Company

## FINDINGS

### 1415 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Harris Fannie r	Pacific Telephone & Telegraph Co.

### 1416 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WANZA Anesta	Haines & Company
1951	W 58th PI Shaffer Herbert J r	Pacific Telephone & Telegraph Co.

### 1417 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ARREDONDO A	Haines & Company
1951	W 58th PI Hernandez Eloisa r	Pacific Telephone & Telegraph Co.

### 1418 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MARTINEZ Andrew	Haines & Company
1951	W 58th PI McGrew R B r	Pacific Telephone & Telegraph Co.

### 1419 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Escareno Francisco r	Pacific Telephone & Telegraph Co.

### 1420 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Phillips Howard O r	Pacific Telephone & Telegraph Co.

### 1422 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 58th PI Ziemann Geo r	Pacific Telephone & Telegraph Co.

### 1423 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	KING Emma	Haines & Company
1951	E 58th Carter Fannie Mrs r	Pacific Telephone & Telegraph Co.
	E 58th Carroll Emma r	Pacific Telephone & Telegraph Co.
	E 58th Tribble Manuela r	Pacific Telephone & Telegraph Co.

### 1424 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GAGE Irving	Haines & Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Johnson Isabella r	Pacific Telephone & Telegraph Co.

### 1425 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ROBLEDO Gabriel	Haines & Company
1951	W 58th PI Witten Ethel Mrs r	Pacific Telephone & Telegraph Co.
	W 58th PI Jackson J E r	Pacific Telephone & Telegraph Co.

### 1427 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Nelson Napoleon A r	Pacific Telephone & Telegraph Co.

### 1428 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CASTANEDA Catalino	Haines & Company
1951	W 58th PI Kunz Peter E r	Pacific Telephone & Telegraph Co.

### 1429 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ESCOBEDO Silvia	Haines & Company
1951	W 58th PI Fabela Gus r	Pacific Telephone & Telegraph Co.

### 1430 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LUA Fermin	Haines & Company
	CASTANEDA Juan	Haines & Company
1951	W 58th PI Fox Clemmie E r	Pacific Telephone & Telegraph Co.

### 1431 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HERNANDEZ Cesar	Haines & Company
1951	W 58th PI Dodge T L r	Pacific Telephone & Telegraph Co.

### 1432 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Lewis John r	Pacific Telephone & Telegraph Co.

### 1433 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Barnes Pearl Mrs r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1434 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	a 1/2 BRAVO Manuel	Haines & Company
1951	W 58th PI Allen Lee r W 58th PI Lazar Jack D r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

### 1435 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WILLIAMS Damay LODAN Margaret	Haines & Company Haines & Company
1951	W 58th PI Bradford Rock Eva r	Pacific Telephone & Telegraph Co.

### 1436 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HERNANDEZ Manuel	Haines & Company

### 1437 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GALVAN Concepcion	Haines & Company

### 1438 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Worsham Chas r	Pacific Telephone & Telegraph Co.

### 1439 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Asbury William r	Pacific Telephone & Telegraph Co.

### 1440 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DIAZ Jose	Haines & Company
1951	W 58th PI Almany W T Mrs r	Pacific Telephone & Telegraph Co.

### 1441 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	VARGAS Ana Bertha VEGA Adela	Haines & Company Haines & Company
1951	W 58th PI Paul Thomas r W 58th PI Achille Chas r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

## FINDINGS

### 1442 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SOLIS Patricio	Haines & Company
	RODRIGUEZ Roberto	Haines & Company
1951	W 58th PI Steuben Ray r	Pacific Telephone & Telegraph Co.

### 1443 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ESTRADA Leoviglida	Haines & Company
	a 1/2 CASTILLO Juan	Haines & Company
1951	W 58th PI Reyburn W W r	Pacific Telephone & Telegraph Co.

### 1444 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Wyatt Corinne H r	Pacific Telephone & Telegraph Co.
	E 58th Wyatt Corinne	Pacific Telephone & Telegraph Co.

### 1445 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Ursin Lillian B r	Pacific Telephone & Telegraph Co.

### 1446 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ROBINSON	Haines & Company
1951	W 58th PI Koken Robt W r	Pacific Telephone & Telegraph Co.

### 1447 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	a 1/2 CABADAS Maria	Haines & Company
1951	W 58th PI ODonnell Eleonora r	Pacific Telephone & Telegraph Co.
	W 58th PI Holmes Orlan r	Pacific Telephone & Telegraph Co.

### 1448 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	KUPPER Victor	Haines & Company

### 1449 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ORTIZ Fernando	Haines & Company
1951	W 58th PI Isaacs Beulah r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1450 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Jones Frank	Pacific Telephone & Telegraph Co.
	E 58th Watson Jas r	Pacific Telephone & Telegraph Co.

### 1451 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Burris Beatrice r	Pacific Telephone & Telegraph Co.

### 1452 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SELLERS Carol	Haines & Company
1951	W 58th PI Hardee Helen r	Pacific Telephone & Telegraph Co.

### 1453 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SOTOORTIZ Hermilo	Haines & Company
1951	W 58th PI Roche Naomi Mrs r	Pacific Telephone & Telegraph Co.

### 1454 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DORAL	Haines & Company
1951	W 58th PI Hill Edw E r	Pacific Telephone & Telegraph Co.

### 1455 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PINA Jose	Haines & Company
1951	W 58th PI Davis Roy r	Pacific Telephone & Telegraph Co.

### 1456 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SELLERS Carol A	Haines & Company

### 1457 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Banks Ollie r	Pacific Telephone & Telegraph Co.

### 1459 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TEJADA Erazo Gonzalo A	Haines & Company

## FINDINGS

### 1462 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Ellis Henry r	Pacific Telephone & Telegraph Co.

### 1463 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Smith Wm B r	Pacific Telephone & Telegraph Co.
	E 58th Stranger Doris	Pacific Telephone & Telegraph Co.

### 1464 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Marshall Nina Mae r	Pacific Telephone & Telegraph Co.
	E 58th	Pacific Telephone & Telegraph Co.
	E 58th Coleman Velma Lee r	Pacific Telephone & Telegraph Co.

### 1468 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Ross Reuben r	Pacific Telephone & Telegraph Co.

### 1469 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Griffin L M r	Pacific Telephone & Telegraph Co.

### 1473 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	E 58th Jackson Columbus	Pacific Telephone & Telegraph Co.

### 1500 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th PI Thomas Frances r	Pacific Telephone & Telegraph Co.

### 1501 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HESS Melody	Haines & Company
1951	W 58th PI Kidney Margie r	Pacific Telephone & Telegraph Co.

### 1504 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CLOUDY Lafae	Haines & Company
1951	W 58th PI Juneau Jane r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1505 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	VEGA Isaias	Haines & Company
1951	W 58th PI Montes Jose J r W 58th PI Montes Alicia G Mrs r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

### 1506 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CRADER George	Haines & Company
1951	W 58th PI Benson Eddith M r	Pacific Telephone & Telegraph Co.

### 1510 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BRAXTON Richard	Haines & Company
1951	W 58th PI Abbott Meta G Mrs r W 58th PI Retter Glen S r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

### 1511 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	COOPER Willie	Haines & Company
1951	W 58th PI Waters Wm M r W 58th PI Jordan Edw P r	Pacific Telephone & Telegraph Co. Pacific Telephone & Telegraph Co.

### 1512 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BORRAYO Rigoberto	Haines & Company
1951	W 58th PI Holman Forrest W r	Pacific Telephone & Telegraph Co.

### 1513 58TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MIRRAFATI David	Haines & Company
1951	W 58th PI Hansen Carl J M r	Pacific Telephone & Telegraph Co.

### 58TH ST W

#### 1100 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Wheaton Chester E r	Pacific Telephone & Telegraph Co.

#### 1101 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Milligan G Pat r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1104 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Stach Products Co	Pacific Telephone & Telegraph Co.
	W 58th Pixall Lint Remover	Pacific Telephone & Telegraph Co.
	W 58th Lintremover Pixall	Pacific Telephone & Telegraph Co.

### 1108 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Fernando V T r	Pacific Telephone & Telegraph Co.

### 1109 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Edwards W Hal r	Pacific Telephone & Telegraph Co.

### 1112 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Richman Pearl r	Pacific Telephone & Telegraph Co.

### 1113 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Dalton Eugene P r	Pacific Telephone & Telegraph Co.

### 1116 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Burns Edw P r	Pacific Telephone & Telegraph Co.

### 1119 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Accardo Josephine r	Pacific Telephone & Telegraph Co.

### 1120 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Straub E G r	Pacific Telephone & Telegraph Co.

### 1124 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Krumsiek Karl r	Pacific Telephone & Telegraph Co.

### 1125 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Bower Martha r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1128 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Haws Frank E r	Pacific Telephone & Telegraph Co.

### 1129 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Appelgate J Merle r	Pacific Telephone & Telegraph Co.
	W 58th Applegate Jos M r	Pacific Telephone & Telegraph Co.

### 1132 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Lambert H R r	Pacific Telephone & Telegraph Co.

### 1133 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Franklin Herman F r	Pacific Telephone & Telegraph Co.

### 1136 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Sanchez Arthur r	Pacific Telephone & Telegraph Co.

### 1137 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Bauer G A r	Pacific Telephone & Telegraph Co.

### 1140 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Ferner Edith r	Pacific Telephone & Telegraph Co.

### 1141 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Snyder Francis r	Pacific Telephone & Telegraph Co.

### 1143 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Guinness Fred r	Pacific Telephone & Telegraph Co.

### 1144 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Betancourt Francisco r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1145 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Steinbock Leo E r	Pacific Telephone & Telegraph Co.

### 1148 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Catamia Anna R r	Pacific Telephone & Telegraph Co.

### 1149 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Schofield Margaret Anne r	Pacific Telephone & Telegraph Co.

### 1152 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Murrell Chas W r	Pacific Telephone & Telegraph Co.

### 1153 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Paige J H r	Pacific Telephone & Telegraph Co.

### 1156 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Weisberg Louis L r	Pacific Telephone & Telegraph Co.

### 1207 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Markert Augustus F r	Pacific Telephone & Telegraph Co.

### 1211 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Buckly Hannah Mrs r	Pacific Telephone & Telegraph Co.

### 1213 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Owens Patrick V r	Pacific Telephone & Telegraph Co.

### 1215 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th McClintock Monroe Earl r	Pacific Telephone & Telegraph Co.

### 1219 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Superior Maintenance Co	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1226 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Sponseller & Sons Roofing & Siding Co	Pacific Telephone & Telegraph Co.
	W 58th Sponseller & Sons Roof & Siding Co	Pacific Telephone & Telegraph Co.
	W 58th Sponseller & Sons Const Co	Pacific Telephone & Telegraph Co.
	W 58th S & S Publishing Co Inc	Pacific Telephone & Telegraph Co.

### 1227 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Green A J r	Pacific Telephone & Telegraph Co.

### 1233 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Risher Mary L	Pacific Telephone & Telegraph Co.

### 1234 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th A L L Roofing & Building Materials Corp	Pacific Telephone & Telegraph Co.
	W 58th Brown Robt D A L L Roofing & Bldg Materials Corp	Pacific Telephone & Telegraph Co.
	W 58th Lessel A L A L L Roofing & Bldg Materials Corp	Pacific Telephone & Telegraph Co.
	W 58th All Roofing & Bldg Materials Corp	Pacific Telephone & Telegraph Co.

### 1235 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Gudelj Savo S r	Pacific Telephone & Telegraph Co.
	W 58th Matthes Milenka L r	Pacific Telephone & Telegraph Co.
	W 58th Stukej Bafa r	Pacific Telephone & Telegraph Co.

### 1239 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Rubenstein Harold Ruth r	Pacific Telephone & Telegraph Co.

### 1243 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Beaumont Edw R r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1245 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Wolfe W S r	Pacific Telephone & Telegraph Co.

### 1247 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Barker Hubert C r	Pacific Telephone & Telegraph Co.

### 1249 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Hole Laura r	Pacific Telephone & Telegraph Co.
	W 58th Lee Walter r	Pacific Telephone & Telegraph Co.

### 1251 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Kuzma Elmer A	Pacific Telephone & Telegraph Co.

### 1258 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Foster E W Planing Mill Co	Pacific Telephone & Telegraph Co.
	W 58th Foster Planing Mill Co Foster E W Planing Mill Co	Pacific Telephone & Telegraph Co.

### 1259 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Stevens Clyde E r	Pacific Telephone & Telegraph Co.

### 1263 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Shearer Albert N r	Pacific Telephone & Telegraph Co.

### 1301 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Bell Stella Gloria r	Pacific Telephone & Telegraph Co.
	W 58th Montgomery Paul r	Pacific Telephone & Telegraph Co.

### 1305 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Farley Lulu Mrs r	Pacific Telephone & Telegraph Co.

### 1307 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Thrift C W r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1309 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Sailors Harry	Pacific Telephone & Telegraph Co.

### 1313 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Eckert H r	Pacific Telephone & Telegraph Co.

### 1317 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Matlick J W r	Pacific Telephone & Telegraph Co.

### 1318 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Great Westrn Heel Co Inc	Pacific Telephone & Telegraph Co.

### 1327 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Cazzell Winston r	Pacific Telephone & Telegraph Co.

### 1331 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Evans A E r	Pacific Telephone & Telegraph Co.

### 1335 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Miller Harry r	Pacific Telephone & Telegraph Co.

### 1337 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Warnert Phyllis C r	Pacific Telephone & Telegraph Co.

### 1339 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Pettit Wm J r	Pacific Telephone & Telegraph Co.

### 1343 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Wildasin Louesa r	Pacific Telephone & Telegraph Co.
	W 58th Wildasin Magdalena M	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1351 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th McManus T A r	Pacific Telephone & Telegraph Co.

### 1417 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Moses Coy B r	Pacific Telephone & Telegraph Co.

### 1421 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Mills Edwin S r	Pacific Telephone & Telegraph Co.

### 1424 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Young Paul H r	Pacific Telephone & Telegraph Co.

### 1425 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Hardridge Jack C r	Pacific Telephone & Telegraph Co.

### 1428 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Soto Hilario C r	Pacific Telephone & Telegraph Co.

### 1429 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Heard James r	Pacific Telephone & Telegraph Co.

### 1432 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Terry C Victor r	Pacific Telephone & Telegraph Co.

### 1433 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Madsen Carl r	Pacific Telephone & Telegraph Co.

### 1434 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Etten Joe C Mrs r	Pacific Telephone & Telegraph Co.

### 1436 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Liptow Anna r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1440 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th De Guire Fred H r	Pacific Telephone & Telegraph Co.

### 1441 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Blevins Susie Mrs	Pacific Telephone & Telegraph Co.

### 1444 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Schneider Edw W r	Pacific Telephone & Telegraph Co.

### 1445 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Williams Willie Mae r	Pacific Telephone & Telegraph Co.

### 1448 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Wahlstrom J W r	Pacific Telephone & Telegraph Co.

### 1449 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Stojewa Conrad H r	Pacific Telephone & Telegraph Co.
	W 58th Stojewa Agnes r	Pacific Telephone & Telegraph Co.

### 1452 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Stevenson Florence r	Pacific Telephone & Telegraph Co.

### 1453 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Cer vantes Delia	Pacific Telephone & Telegraph Co.

### 1456 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Castellanos H F	Pacific Telephone & Telegraph Co.

### 1457 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Key Leoul S r	Pacific Telephone & Telegraph Co.
	W 58th Conradi Wm r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1500 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Harris Homer N electrl contr	Pacific Telephone & Telegraph Co.
	W 58th Harris H N	Pacific Telephone & Telegraph Co.

### 1501 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Rettke August H r	Pacific Telephone & Telegraph Co.

### 1504 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Brill Frank r	Pacific Telephone & Telegraph Co.

### 1505 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Case H A r	Pacific Telephone & Telegraph Co.

### 59TH

#### 1123 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	LAWRENCE	Pacific Telephone

### 59TH PL W

#### 1201 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MEJIA Ricardo	Haines & Company
1951	W 59th PI Goericke Maxine r	Pacific Telephone & Telegraph Co.

#### 1206 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BARRETT Willie	Haines & Company
1951	W 59th PI Lieberson Zola J r	Pacific Telephone & Telegraph Co.

#### 1207 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DADISCHECK Deidra	Haines & Company
1951	W 59th PI Heeney Frank J r	Pacific Telephone & Telegraph Co.
	W 59th PI Eby Geo A r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1212 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GUTIERREZ Olga	Haines & Company
	ARGUELLO Xiomara	Haines & Company
1951	W 59th PI Zschoche Anne Marie r	Pacific Telephone & Telegraph Co.

### 1213 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DUBON Marco	Haines & Company
1951	W 59th PI Pinto Frank r	Pacific Telephone & Telegraph Co.

### 1216 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HERRON Margaret	Haines & Company
1951	W 59th PI Collins Clarence F r	Pacific Telephone & Telegraph Co.

### 1217 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LENARD John H	Haines & Company
1951	W 59th PI Cervantes Frank A r	Pacific Telephone & Telegraph Co.

### 1222 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 59th PI Dyer Jeannette D r	Pacific Telephone & Telegraph Co.

### 1223 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CIRIAZ Jose	Haines & Company
1951	W 59th PI Ageman Simon r	Pacific Telephone & Telegraph Co.

### 1224 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	VERDUZCO Antonio	Haines & Company
1951	W 59th PI Thatcher Geo W r	Pacific Telephone & Telegraph Co.

### 1226 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	OCAMPOS Maricele	Haines & Company
	a 1/2 SORIANO William	Haines & Company
1951	W 59th PI Link Lydia r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1227 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ALEJO Esperanza	Haines & Company
1951	W 59th PI Lopez Pedro C r	Pacific Telephone & Telegraph Co.

### 1228 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 1229 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CUMMINGS Troy	Haines & Company
1951	W 59th PI Dunker A H r	Pacific Telephone & Telegraph Co.

### 1232 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GONZALEZ Lorena M	Haines & Company
	LOPEZ Eva	Haines & Company
	PORTILLO Jose A	Haines & Company
1951	W 59th PI Moran Annah I Mrs r	Pacific Telephone & Telegraph Co.

### 1233 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 59th PI Appler Mamie R Miss r	Pacific Telephone & Telegraph Co.

### 1235 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SCARANGELLO Christopher	Haines & Company
	ORNELAS Gabriela	Haines & Company

### 1236 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SANDOVAL Ruben	Haines & Company
1951	W 59th PI Richards Thos L r	Pacific Telephone & Telegraph Co.
	W 59th PI Watson B S r	Pacific Telephone & Telegraph Co.

### 1237 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th PI Herrin Lloyd W r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1238 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 59th Pl Blake Ronald A Mrs r	Pacific Telephone & Telegraph Co.

### 1242 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SANDERS Ophelia	Haines & Company
1951	W 59th Pl Covalt Margaret Miss r	Pacific Telephone & Telegraph Co.

### 1243 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LEYVA lasias	Haines & Company
1951	W 59th Pl Sing B F Mrs r	Pacific Telephone & Telegraph Co.

### 1246 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DIAZ Antonio	Haines & Company
1951	W 59th Pl Ebert W H r	Pacific Telephone & Telegraph Co.

### 1249 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Pl Hanan Pearl r	Pacific Telephone & Telegraph Co.

### 1251 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 1252 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GRANGER Jesse	Haines & Company
1951	W 59th Pl Griffin Albert L r	Pacific Telephone & Telegraph Co.

### 1253 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MOORE James	Haines & Company
1951	W 59th Pl Price L L r	Pacific Telephone & Telegraph Co.

### 1256 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CORNEJO Maurice	Haines & Company
	a 1/2 CHAVARIN Fidel	Haines & Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RODRIGUEZ Norma	Haines & Company
1951	W 59th PI Futterman H Mrs r	Pacific Telephone & Telegraph Co.

### 1257 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	FARRIS Odell	Haines & Company
1951	W 59th PI Hulin Frank E r	Pacific Telephone & Telegraph Co.

### 1306 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DIAZ Ann	Haines & Company
	ESQUIVES Carolina	Haines & Company
	PETERS Franklin	Haines & Company
1951	W 59th PI Graham H I r	Pacific Telephone & Telegraph Co.

### 1307 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TAYLOR Wm A	Haines & Company
1951	W 59th PI Jacobs Martha R r	Pacific Telephone & Telegraph Co.

### 1308 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th PI Ostergren Alfred R r	Pacific Telephone & Telegraph Co.

### 1311 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WILLFORD Wm	Haines & Company

### 1312 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TRULEY Stephanie	Haines & Company
1951	W 59th PI Robertson Susan Mrs r	Pacific Telephone & Telegraph Co.

### 1316 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WOODS Willie	Haines & Company
1951	W 59th PI Miller Jos G r	Pacific Telephone & Telegraph Co.

### 1317 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MUNOZ Sabas	Haines & Company

## FINDINGS

### 1318 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 59th Pl Chlarson Karl J r	Pacific Telephone & Telegraph Co.

### 1322 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NAULLS Wilbert	Haines & Company

### 1323 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ASCENCIO Agustin	Haines & Company

### 1326 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	FELDSTEIN Carl	Haines & Company
1951	W 59th Pl Fowler Floyd E r	Pacific Telephone & Telegraph Co.

### 1327 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SANCHEZ Manuel	Haines & Company

### 1328 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RIVERA Margarita C	Haines & Company

### 1331 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	FERNANDEZ Juan	Haines & Company
	DIAZ Maria	Haines & Company
	DIAZ Miguel	Haines & Company
1951	W 59th Pl Fort Elsie J Mrs r	Pacific Telephone & Telegraph Co.

### 1332 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SCOTT Richard	Haines & Company
1951	W 59th Pl Rose Lavina r	Pacific Telephone & Telegraph Co.

### 1333 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TORRESAGUINEGA Sergio	Haines & Company

## FINDINGS

### 1336 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th PI Benveniste Juda M r	Pacific Telephone & Telegraph Co.

### 1337 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	VALLE Miguel	Haines & Company
1951	W 59th PI McGuire Pearl E A r	Pacific Telephone & Telegraph Co.

### 1338 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WILLIAMS Kelly	Haines & Company

### 1342 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HESTER Myrtle	Haines & Company
1951	W 59th PI Drummond Hallister L r	Pacific Telephone & Telegraph Co.

### 1343 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MEYERS Dorothy	Haines & Company
	VILLEJAS Kashy	Haines & Company
1951	W 59th PI Catalina Lavon r	Pacific Telephone & Telegraph Co.

### 1346 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SMITH Cheriko R	Haines & Company
1951	W 59th PI Beauchamp Manuel r	Pacific Telephone & Telegraph Co.

### 1347 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SESSIONS Donald	Haines & Company
	KNIGHT Duty G	Haines & Company
1951	W 59th PI De George Peter r	Pacific Telephone & Telegraph Co.

### 1352 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TURNER Genola	Haines & Company
1951	W 59th PI Willey G W r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1353 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WEALTH CODE	Haines & Company
	BLACKMON Louis	Haines & Company
1951	W 59th PI Wilson Wendell S r	Pacific Telephone & Telegraph Co.

### 1357 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th PI Backer Edwin J	Pacific Telephone & Telegraph Co.

### 1407 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HO Uichin	Haines & Company

### 1410 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GUEVARA Maria	Haines & Company

### 1411 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	59TH PL 90047 CONT	Haines & Company
	HO Uichin	Haines & Company
1951	W 59th PI Hill A S r	Pacific Telephone & Telegraph Co.

### 1415 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HERNANDEZ Jose A	Haines & Company
1951	W 59th PI Warner Guy Sidney r	Pacific Telephone & Telegraph Co.

### 1416 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	VARGAS Jose	Haines & Company
1951	W 59th PI Lang Louis r	Pacific Telephone & Telegraph Co.

### 1417 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JIMENEZ Maria	Haines & Company
1951	W 59th PI Burgess Marguerite D r	Pacific Telephone & Telegraph Co.

### 1418 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MONTERROZA Eliu	Haines & Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MELARA Eliu	Haines & Company
	FLORES Estevana	Haines & Company
1951	W 59th PI Gottlieb Jack r	Pacific Telephone & Telegraph Co.

### 1419 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ANGUIANO Eriberto	Haines & Company
1951	W 59th PI Armijo Maria Z r	Pacific Telephone & Telegraph Co.

### 1422 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ESTRADA Arnado	Haines & Company
1951	W 59th PI Plenty Joan r	Pacific Telephone & Telegraph Co.

### 1423 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PANAMENO Eduardo	Haines & Company
1951	W 59th PI Reed David M r	Pacific Telephone & Telegraph Co.

### 1424 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GUTIERREZ Jesus	Haines & Company
1951	W 59th PI Finseth Geo r	Pacific Telephone & Telegraph Co.

### 1425 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TRUJILLO L	Haines & Company
1951	W 59th PI McFadden Donald r	Pacific Telephone & Telegraph Co.
	W 59th PI Claussen Sanders R r	Pacific Telephone & Telegraph Co.

### 1426 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MARTINEZ Cirilo	Haines & Company
1951	W 59th PI Schwab J Mrs r	Pacific Telephone & Telegraph Co.

### 1429 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GARLAND Beulah	Haines & Company

## FINDINGS

### 1430 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TUFF Marshall	Haines & Company

### 1431 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PATINO Leobardo	Haines & Company
1951	W 59th PI Brockmeier John W r	Pacific Telephone & Telegraph Co.

### 1434 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	VARONA Teodulfo	Haines & Company
1951	W 59th PI Bailey Don E r	Pacific Telephone & Telegraph Co.

### 1435 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	FLPRES Erenia	Haines & Company

### 1436 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ALFARO Elvin	Haines & Company
1951	W 59th PI Arundell Walter r	Pacific Telephone & Telegraph Co.

### 1437 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LEWIS Kenya	Haines & Company
	LEWIS N	Haines & Company

### 1439 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 1441 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ZAPON Jose	Haines & Company
1951	W 59th PI Rossi Anthony V r	Pacific Telephone & Telegraph Co.

### 1442 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	COWART Hubert	Haines & Company
1951	W 59th PI Voelker Ernest F r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1445 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th PI Yagodich Anna r	Pacific Telephone & Telegraph Co.

### 1446 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GUTIERREZ Martha	Haines & Company
1951	W 59th PI Wilding John M r	Pacific Telephone & Telegraph Co.
	W 59th PI Firman Lloyd r	Pacific Telephone & Telegraph Co.

### 1447 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 59th PI Montgomery Robt R r	Pacific Telephone & Telegraph Co.

### 1448 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th PI Watson Marie r	Pacific Telephone & Telegraph Co.

### 1449 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CORDOVA Alicia	Haines & Company
1951	W 59th PI Boro Mary Mrs r	Pacific Telephone & Telegraph Co.

### 1451 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 59th PI Pipher Charlotte N r	Pacific Telephone & Telegraph Co.

### 1452 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W 59th PI Brown T F Mrs r	Pacific Telephone & Telegraph Co.
	W 59th PI Mesler Mary Ellen r	Pacific Telephone & Telegraph Co.

### 1453 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ARAGON Hector	Haines & Company
	AVILA Sonia	Haines & Company
1951	W 59th PI Pahoulis Nick r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1454 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LANG Khadijah	Haines & Company
1951	W 59th PI Fogle E D r	Pacific Telephone & Telegraph Co.

### 1455 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CHAMBERLAIN Lee	Haines & Company
1951	W 59th PI Weigel Vera H r	Pacific Telephone & Telegraph Co.
	W 59th PI Roark John r	Pacific Telephone & Telegraph Co.

### 1458 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	VARNADO Chas W	Haines & Company
1951	W 59th PI Green Saml r	Pacific Telephone & Telegraph Co.

### 1459 59TH PL W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BAILEY Lena	Haines & Company
1951	W 59th PI Luthy Martin r	Pacific Telephone & Telegraph Co.

### 59TH ST W

#### 1100 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Pepper W H r	Pacific Telephone & Telegraph Co.

#### 1105 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Laudonio Anthony r	Pacific Telephone & Telegraph Co.

#### 1107 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Laudonio Geo r	Pacific Telephone & Telegraph Co.

#### 1108 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Norris Alice r	Pacific Telephone & Telegraph Co.
	W 59th Jacobson George r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1109 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Galusha Danl W	Pacific Telephone & Telegraph Co.

### 1112 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th McConnell Murray R r	Pacific Telephone & Telegraph Co.

### 1113 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Klein Harold r	Pacific Telephone & Telegraph Co.
	W 59th Schneider Karl F r	Pacific Telephone & Telegraph Co.

### 1116 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Fluke Burton	Pacific Telephone & Telegraph Co.

### 1117 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Hill Amelia Mrs r	Pacific Telephone & Telegraph Co.

### 1120 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Ploetz H E r	Pacific Telephone & Telegraph Co.

### 1124 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Cosner Orvill W r	Pacific Telephone & Telegraph Co.

### 1125 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Sowma Geo J r	Pacific Telephone & Telegraph Co.

### 1128 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Sellen E P	Pacific Telephone & Telegraph Co.

### 1129 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Baldwin Danl r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1130 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Beirne Martin P	Pacific Telephone & Telegraph Co.

### 1132 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Zion Leon r	Pacific Telephone & Telegraph Co.

### 1133 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Binger Mary r	Pacific Telephone & Telegraph Co.

### 1135 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Roberts Fred R r	Pacific Telephone & Telegraph Co.

### 1136 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Lilja Albert E r	Pacific Telephone & Telegraph Co.

### 1137 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Brave Edw T r	Pacific Telephone & Telegraph Co.

### 1140 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Monachello Jennie r	Pacific Telephone & Telegraph Co.

### 1141 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Miele Ralph r	Pacific Telephone & Telegraph Co.
	W 59th Kohl Geo Jr r	Pacific Telephone & Telegraph Co.

### 1144 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Slade Teresa r	Pacific Telephone & Telegraph Co.

### 1145 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Cass Thos J r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1148 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Karstens Harry E r	Pacific Telephone & Telegraph Co.

### 1149 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Shaw Wm A r	Pacific Telephone & Telegraph Co.

### 1152 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Mangels Madeline r	Pacific Telephone & Telegraph Co.

### 1153 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Wagner Evelyn A r	Pacific Telephone & Telegraph Co.

### 1158 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Caturegli Luis r	Pacific Telephone & Telegraph Co.

### 1200 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Ulrich H R r	Pacific Telephone & Telegraph Co.

### 1205 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Dialynas Pete r	Pacific Telephone & Telegraph Co.

### 1206 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Phillips B M r	Pacific Telephone & Telegraph Co.

### 1207 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Dials Michael E r	Pacific Telephone & Telegraph Co.

### 1210 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Brandenburg H J	Pacific Telephone & Telegraph Co.

### 1211 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Stephenson Mary L r	Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Kavanaugh W M r	Pacific Telephone & Telegraph Co.

### 1214 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Trotter Raymond N r	Pacific Telephone & Telegraph Co.

### 1215 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Laslo P r	Pacific Telephone & Telegraph Co.

### 1218 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Scott Nell Mrs r	Pacific Telephone & Telegraph Co.

### 1219 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Jordan Russell S r	Pacific Telephone & Telegraph Co.

### 1221 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Ray Seth r	Pacific Telephone & Telegraph Co.

### 1222 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Bell Saml r	Pacific Telephone & Telegraph Co.

### 1223 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Zlotnik Bertha	Pacific Telephone & Telegraph Co.

### 1226 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Wirthman Edw J r	Pacific Telephone & Telegraph Co.

### 1227 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Haugen Edith E	Pacific Telephone & Telegraph Co.

### 1229 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Little Gladys W Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1230 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Marian Dale H r	Pacific Telephone & Telegraph Co.

### 1231 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Martin Ada F r	Pacific Telephone & Telegraph Co.

### 1234 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Drake Theodosia Mrs r	Pacific Telephone & Telegraph Co.

### 1235 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Trichler C R r	Pacific Telephone & Telegraph Co.

### 1238 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Boydston Betty	Pacific Telephone & Telegraph Co.

### 1239 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Bradley Jos E r	Pacific Telephone & Telegraph Co.

### 1242 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Macias Edmond r	Pacific Telephone & Telegraph Co.

### 1243 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Foster Walter r	Pacific Telephone & Telegraph Co.

### 1246 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Heisenbottle Clara S Mrs r	Pacific Telephone & Telegraph Co.

### 1247 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Candelaria Ignacio N r	Pacific Telephone & Telegraph Co.

### 1250 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Hilton Darrell r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1254 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Markles Elmer C r	Pacific Telephone & Telegraph Co.

### 1255 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Goodman Martha L r	Pacific Telephone & Telegraph Co.

### 1258 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Tucker Chas J r	Pacific Telephone & Telegraph Co.

### 1259 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Beaty E E r	Pacific Telephone & Telegraph Co.

### 1300 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Medina Trinidad Mrs r	Pacific Telephone & Telegraph Co.

### 1301 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Doolittle T P r	Pacific Telephone & Telegraph Co.

### 1304 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Garcia Jas C	Pacific Telephone & Telegraph Co.

### 1305 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Ramelli Bea E Mrs r	Pacific Telephone & Telegraph Co.

### 1309 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Sines Jack W r	Pacific Telephone & Telegraph Co.

### 1312 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Ginter Grace r	Pacific Telephone & Telegraph Co.

### 1320 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Hill Ed C r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1321 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Fuentes Frank r	Pacific Telephone & Telegraph Co.

### 1324 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Will Elmer r	Pacific Telephone & Telegraph Co.

### 1325 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Marks Blanche M r	Pacific Telephone & Telegraph Co.

### 1329 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Dalis Fani r	Pacific Telephone & Telegraph Co.

### 1332 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Ohle F B r	Pacific Telephone & Telegraph Co.

### 1333 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th McMahon Edward C r	Pacific Telephone & Telegraph Co.

### 1336 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Jenson Ronald R r	Pacific Telephone & Telegraph Co.

### 1337 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Gustafson Evelyn J r	Pacific Telephone & Telegraph Co.

### 1340 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Fonvergne Emilie r	Pacific Telephone & Telegraph Co.

### 1341 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Anderson Arthur M r	Pacific Telephone & Telegraph Co.

### 1344 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Murphy Lillian r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1345 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Snyder Caroline E r	Pacific Telephone & Telegraph Co.

### 1348 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Hutton Ernest M r	Pacific Telephone & Telegraph Co.

### 1349 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Murphy Richard J r	Pacific Telephone & Telegraph Co.

### 1352 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Greene Mary C Mrs r	Pacific Telephone & Telegraph Co.

### 1353 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Bissell Agnes M Mrs r	Pacific Telephone & Telegraph Co.

### 1356 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Smith Bill	Pacific Telephone & Telegraph Co.

### 1406 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Hinkle C B r	Pacific Telephone & Telegraph Co.

### 1410 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Flagg A H Jr r	Pacific Telephone & Telegraph Co.

### 1411 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Ponti R Mrs r	Pacific Telephone & Telegraph Co.

### 1417 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Dickerson Nell A r	Pacific Telephone & Telegraph Co.

### 1418 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Russell Syrilda	Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Dante J r	Pacific Telephone & Telegraph Co.
<b>1419 59TH ST W</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Damask J H r	Pacific Telephone & Telegraph Co.
<b>1422 59TH ST W</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Andersen Ralph M r	Pacific Telephone & Telegraph Co.
<b>1423 59TH ST W</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Wunder Wm F r	Pacific Telephone & Telegraph Co.
<b>1424 59TH ST W</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Pickrell Vernon S r	Pacific Telephone & Telegraph Co.
<b>1425 59TH ST W</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Rios Isabel M r	Pacific Telephone & Telegraph Co.
	W 59th Homan Flora Payne r	Pacific Telephone & Telegraph Co.
<b>1428 59TH ST W</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Newell Nina r	Pacific Telephone & Telegraph Co.
	W 59th Gilliam Beaulah r	Pacific Telephone & Telegraph Co.
<b>1430 59TH ST W</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Ordesch Wm E r	Pacific Telephone & Telegraph Co.
<b>1431 59TH ST W</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Glanzman Fredrick J r	Pacific Telephone & Telegraph Co.
<b>1435 59TH ST W</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Chrys Geo N r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1436 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Wyman R E r	Pacific Telephone & Telegraph Co.
	W 59th Bonus Oscar r	Pacific Telephone & Telegraph Co.
	W 59th Curtis Esther Mrs r	Pacific Telephone & Telegraph Co.

### 1437 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Beard Ola H r	Pacific Telephone & Telegraph Co.
	W 59th Horstkamp Hildegard r	Pacific Telephone & Telegraph Co.

### 1440 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Vogelsinger G G r	Pacific Telephone & Telegraph Co.

### 1441 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Hicks Wm E	Pacific Telephone & Telegraph Co.
	W 59th Maurais Germain J r	Pacific Telephone & Telegraph Co.

### 1442 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Dickerson Charlotte C Mrs r	Pacific Telephone & Telegraph Co.

### 1443 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Savolt John r	Pacific Telephone & Telegraph Co.

### 1445 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Gilbert Jas r	Pacific Telephone & Telegraph Co.

### 1446 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Brandon Isobel r	Pacific Telephone & Telegraph Co.

### 1448 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Wyatt Ralph r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1449 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Mangold Geo r	Pacific Telephone & Telegraph Co.

### 1452 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Glass Chas	Pacific Telephone & Telegraph Co.

### 1454 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Hinkle Mary r	Pacific Telephone & Telegraph Co.

### 1455 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Bassett Norman G r	Pacific Telephone & Telegraph Co.

### 1458 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Tomich Frank T r	Pacific Telephone & Telegraph Co.

### 1459 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Washburn Louis D r	Pacific Telephone & Telegraph Co.

### 1500 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th May John A r	Pacific Telephone & Telegraph Co.

### 1501 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Di Gregorio Frank	Pacific Telephone & Telegraph Co.

### 1503 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Bruce Al r	Pacific Telephone & Telegraph Co.

### 1505 59TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 59th Whitlock C E r	Pacific Telephone & Telegraph Co.

## FINDINGS

### **60TH ST W**

#### **1201 60TH ST W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Carter Lucile r	Pacific Telephone & Telegraph Co.

#### **1206 60TH ST W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Simon Elmer r	Pacific Telephone & Telegraph Co.

#### **1207 60TH ST W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Kaloostian Vera r	Pacific Telephone & Telegraph Co.

#### **1212 60TH ST W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Chambers Chas E r	Pacific Telephone & Telegraph Co.

#### **1213 60TH ST W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Brave T G r	Pacific Telephone & Telegraph Co.

#### **1214 60TH ST W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Cadden Morris r	Pacific Telephone & Telegraph Co.

#### **1216 60TH ST W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Miller A G r	Pacific Telephone & Telegraph Co.

#### **1217 60TH ST W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Thornton Richard A r	Pacific Telephone & Telegraph Co.

#### **1218 60TH ST W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Miller Gordon F r	Pacific Telephone & Telegraph Co.

#### **1222 60TH ST W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Nelson Elmer J r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1223 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Anselmi John	Pacific Telephone & Telegraph Co.

### 1225 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Justice Ruby r	Pacific Telephone & Telegraph Co.

### 1233 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Maxwell Pearl M r	Pacific Telephone & Telegraph Co.

### 1236 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Ingersoll Frank G Sr r	Pacific Telephone & Telegraph Co.

### 1237 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Rocco Edw r	Pacific Telephone & Telegraph Co.

### 1239 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Downs Kenneth r	Pacific Telephone & Telegraph Co.
	W 60th Low Jay r	Pacific Telephone & Telegraph Co.

### 1242 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Rankin Allen F r	Pacific Telephone & Telegraph Co.

### 1243 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Stout Raymond W r	Pacific Telephone & Telegraph Co.

### 1244 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Jay Wm S r	Pacific Telephone & Telegraph Co.

### 1246 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Gilpin Charlotte Mrs	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1247 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Neely Peter M r	Pacific Telephone & Telegraph Co.

### 1248 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Kollin Wm F r	Pacific Telephone & Telegraph Co.

### 1249 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Stewart Wm r	Pacific Telephone & Telegraph Co.

### 1252 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Carbone Paul r	Pacific Telephone & Telegraph Co.

### 1253 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Poole Kathlyn I r	Pacific Telephone & Telegraph Co.

### 1255 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Harris Hannah M r	Pacific Telephone & Telegraph Co.

### 1257 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Phelan Amelia Mrs r	Pacific Telephone & Telegraph Co.

### 1300 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Culver Harley W r	Pacific Telephone & Telegraph Co.

### 1301 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Roberts Bob r	Pacific Telephone & Telegraph Co.

### 1305 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Luth Robt B r	Pacific Telephone & Telegraph Co.

### 1306 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Mull R F r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1309 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Dean Donald T r	Pacific Telephone & Telegraph Co.

### 1312 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Spuhler Julius W r	Pacific Telephone & Telegraph Co.

### 1313 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Cutter H N r	Pacific Telephone & Telegraph Co.

### 1316 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Levene Geo E r	Pacific Telephone & Telegraph Co.

### 1317 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Townsend Keith r	Pacific Telephone & Telegraph Co.

### 1318 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Clipson Jas C r	Pacific Telephone & Telegraph Co.

### 1322 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Regar K C r	Pacific Telephone & Telegraph Co.
	W 60th Cameron Wm C r	Pacific Telephone & Telegraph Co.
	W 60th Drennen Helen M r	Pacific Telephone & Telegraph Co.

### 1323 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Thompson Mauneena C r	Pacific Telephone & Telegraph Co.

### 1326 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Jaurretche John r	Pacific Telephone & Telegraph Co.

### 1327 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Acquasanta Frank r	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1329 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Jones Robt L r	Pacific Telephone & Telegraph Co.
	W 60th Mattson A E r	Pacific Telephone & Telegraph Co.

### 1334 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Kohtz F O r	Pacific Telephone & Telegraph Co.

### 1336 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Bechtle C D r	Pacific Telephone & Telegraph Co.

### 1339 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Kaiser Alfred D r	Pacific Telephone & Telegraph Co.

### 1340 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Graham Jos L r	Pacific Telephone & Telegraph Co.

### 1342 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Keller Ann r	Pacific Telephone & Telegraph Co.

### 1346 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Erickson Oscar H r	Pacific Telephone & Telegraph Co.

### 1352 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Duffell Jas r	Pacific Telephone & Telegraph Co.

### 1405 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Wells A E Mrs r	Pacific Telephone & Telegraph Co.

### 1406 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Krumwiede Raymond H Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1407 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Moore Edw A r	Pacific Telephone & Telegraph Co.

### 1410 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Davis Lee H r	Pacific Telephone & Telegraph Co.

### 1411 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Maier O r	Pacific Telephone & Telegraph Co.

### 1413 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Stengele Harvey R r	Pacific Telephone & Telegraph Co.

### 1414 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Helmreich Margaret Mrs r	Pacific Telephone & Telegraph Co.
	W 60th Carr Alfred S r	Pacific Telephone & Telegraph Co.

### 1418 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Kress Helen r	Pacific Telephone & Telegraph Co.
	W 60th Spencer E I r	Pacific Telephone & Telegraph Co.

### 1419 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Jacobs Stephen r	Pacific Telephone & Telegraph Co.

### 1422 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Bauer Geo W r	Pacific Telephone & Telegraph Co.
	W 60th Graham Andrew r	Pacific Telephone & Telegraph Co.

### 1423 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Monaghan John r	Pacific Telephone & Telegraph Co.

### 1425 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Happe Mildred r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1428 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Owens Effie H r	Pacific Telephone & Telegraph Co.
	W 60th Kiebel Roland r	Pacific Telephone & Telegraph Co.

### 1429 60TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 60th Papas P G r	Pacific Telephone & Telegraph Co.

### BUDLONG AVE

#### 5409 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Budlng Av Holguin Ruth D Mrs r	Pacific Telephone & Telegraph Co.
1942	SCHICK Dolores M clk	Los Angeles Directory Co.
	SCHICK Dorothy A with Bof A	Los Angeles Directory Co.
1937	MYERS Dorothy L clk	Los Angeles Directory Co.
	MYERS Ralph M trainmn UP System	Los Angeles Directory Co.
1933	CHAMBERS Grace L	Los Angeles Directory Co.
1929	Embree Geo V Elsie meatctr	Los Angeles Directory Co.
	CRANE Clyde clk	Los Angeles Directory Co.

#### 5416 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Fetterman Clarence C trucker	Los Angeles Directory Co.

#### 5425 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1986	NELSON CALVIN	Pacific Bell
1951	Budlng Campbell Annie r	Pacific Telephone & Telegraph Co.
1942	Konefes Euphemia	Los Angeles Directory Co.
1937	Konefes Euphemie	Los Angeles Directory Co.
1933	Konefes Euphemie	Los Angeles Directory Co.

#### 5426 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MORGAN C	Pacific Bell
1981	NOLAN CHAS E	Pacific Telephone
	MORGAN C	Pacific Telephone
1976	Nolan Chas E	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Buding Av Stevenson Dorothy Mrs	Pacific Telephone & Telegraph Co.
1937	Fetterman Clarence J furrier	Los Angeles Directory Co.
	Fetterman Clarence C Myrtle G miller	Los Angeles Directory Co.
1929	Swearinger Bert Nora oilwkr h	Los Angeles Directory Co.
	JOHNSON Bertha bkpr	Los Angeles Directory Co.
1924	Bothell Frank H Bothells Creamery h	Los Angeles Directory Co.

### 5510 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1976	Johnson Robt D	Pacific Telephone
1951	Buding Av Vaden Vivian M	Pacific Telephone & Telegraph Co.

### 5514 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Buding Tragesser Frank r	Pacific Telephone & Telegraph Co.
1942	Abbott Albt	Los Angeles Directory Co.
1937	Bridges Elsie bkpr	Los Angeles Directory Co.
	Schober Robt	Los Angeles Directory Co.
1933	KURTZ Gertrude Mrs	Los Angeles Directory Co.
	KURTZ Chas C	Los Angeles Directory Co.

### 5516 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WILLIAMS W J	Pacific Telephone
1942	Platz Ursula wid Antone	Los Angeles Directory Co.
1937	PLATZ Ursula wid Antone	Los Angeles Directory Co.
1933	Platz Ursula wid Anton	Los Angeles Directory Co.
1929	Motter Melba slsldy	Los Angeles Directory Co.

### 5554 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Jenking Geo P Halide chauf	Los Angeles Directory Co.

### 5608 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Buding Krenwinkel Fred A r	Pacific Telephone & Telegraph Co.
1942	Wilterding Dale E Renee pharm OD Co	Los Angeles Directory Co.
1937	Stuckey Willard Emma auto mach	Los Angeles Directory Co.
1933	Chamberlain Dean L dentist	Los Angeles Directory Co.

## FINDINGS

### 5618 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Buding Dekan Marie r	Pacific Telephone & Telegraph Co.
1942	RYAN Lucille Mrs slsw n	Los Angeles Directory Co.
1937	Stair John F Kath carp	Los Angeles Directory Co.
1929	Carl Glenn C mach opr	Los Angeles Directory Co.

### 5620 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Williams Eva	Pacific Bell
1994	WILLIAMS, EVA	Cole Information Services
1990	WILLIAMS EVA	Pacific Bell
1986	WILLIAMS EVA	Pacific Bell
1981	WILLIAMS EVA	Pacific Telephone
1976	Williams Eva	Pacific Telephone
1942	Munkley Thos Mary A jan	Los Angeles Directory Co.
1933	Pottier Frank jr acct Rudolph Wurlitzer Co	Los Angeles Directory Co.

### 5671 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ALLEN Jimmie	Haines & Company
1951	S BudIng Curtis Don A r	Pacific Telephone & Telegraph Co.
1937	HEALY Edw J Mary E clk	Los Angeles Directory Co.
1933	Buttress Geo L techn H F Reita	Los Angeles Directory Co.
	Entner Hilda R sec Neale Rainbow Light Corp Ltd	Los Angeles Directory Co.
1929	Entner Antonia wid Louis	Los Angeles Directory Co.
	Entner Hilda R sec Neale Inc	Los Angeles Directory Co.
	Entner John slsmn H E Covey	Los Angeles Directory Co.
	Entner Louis A clk	Los Angeles Directory Co.
1924	Entner Louis jr clk r	Los Angeles Directory Co.
	Entner Louis gard h	Los Angeles Directory Co.
	Entner Hilda steno r	Los Angeles Directory Co.

### 5688 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	KIUJANO ZOILA	Pacific Bell

### 5700 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SIMMONS Elgie	Haines & Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Budlng Av Lewis Eugene E r	Pacific Telephone & Telegraph Co.
1942	DAutremont Hubert F asst mech eng US Eng	Los Angeles Directory Co.

### 5703 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LEMUS Maria Teresa	Haines & Company
1976	Brown Geo	Pacific Telephone
1951	S Budlng Av Thomas Sherman J r	Pacific Telephone & Telegraph Co.
1942	Fangerow Walter W elev opr WELDON Raymond W Helen cptlyr	Los Angeles Directory Co. Los Angeles Directory Co.
1933	Metzeler Fred Alice dep sheriff METZGER Fred lab	Los Angeles Directory Co. Los Angeles Directory Co.
1929	METZGER Fred Alice	Los Angeles Directory Co.
1924	Marble Chas C Foremn Am Ry Express Co h	Los Angeles Directory Co.

### 5704 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1994	NASH, WILLIAM	Cole Information Services

### 5705 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DOBBS Annie	Haines & Company
1951	Budlng Massey Leonard V r	Pacific Telephone & Telegraph Co.
1942	Herdman Chester D typist DW & P Gettman Conrad Clara pkr	Los Angeles Directory Co. Los Angeles Directory Co.
1937	NIEMANN Stella N Mrs	Los Angeles Directory Co.
1933	NIEMAN Donald Herdman Chester D clk	Los Angeles Directory Co. Los Angeles Directory Co.
1929	Herdman Chester D	Los Angeles Directory Co.
1924	SPANGLER Chas R painter h	Los Angeles Directory Co.

### 5706 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5708 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Budlng Av Krantz Rose L	Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	ROMERO E A police	Los Angeles Directory Co.
1937	JONES Percy R Thelma D pntr	Los Angeles Directory Co.

### 5709 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WALKER Carne	Haines & Company
1990	CARPENTER A W	Pacific Bell
1986	CARPENTER A W	Pacific Bell
1951	Buding Roth Edwin J r	Pacific Telephone & Telegraph Co.
1942	ROTH Edwin J Maria mech	Los Angeles Directory Co.
1937	KOCH Herman A Opal L clk	Los Angeles Directory Co.
1933	Wilce Russell R lab	Los Angeles Directory Co.
	Wilce Evan Helen	Los Angeles Directory Co.
	Wilce Walter	Los Angeles Directory Co.
1929	GREER Maude clk	Los Angeles Directory Co.
	GREEN Wm Betty slsmn	Los Angeles Directory Co.

### 5710 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	Buding Meadows Gladys r	Pacific Telephone & Telegraph Co.
1942	ROOT Walter J Ella	Los Angeles Directory Co.
	DAVIDSON Florence Mrs socwkr CDPA	Los Angeles Directory Co.

### 5713 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Barron Wm L Minnie sprinklerftr	Los Angeles Directory Co.

### 5715 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ROBLES Juan	Haines & Company
1981	FORD LONNIE	Pacific Telephone
1951	S BudIng Av Kearns Naomi Mrs r	Pacific Telephone & Telegraph Co.
	Buding Mahakian Manuel r	Pacific Telephone & Telegraph Co.
1942	MORRIS Myla clk	Los Angeles Directory Co.
	MORRIS Edwin S Helen slsmn	Los Angeles Directory Co.
	Firestine Elmer R Jewel baker	Los Angeles Directory Co.
1937	FOWLER Louise C Mrs	Los Angeles Directory Co.
	FOWLER Richd	Los Angeles Directory Co.
	MORRIS Martha	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	MORRIS Edw S br mgr Calif Auto Co	Los Angeles Directory Co.
1933	Woolf Gny Rosa slsmn clk	Los Angeles Directory Co.
1924	SALTER Warren L office mgr Safe Cabinet Co h	Los Angeles Directory Co.

### 5716 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Larsson Harold P Eliz H shtmtlwkr	Los Angeles Directory Co.

### 5717 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SOLIS Gloria E	Haines & Company
	a 1/2 RAMOS Julio Cesar	Haines & Company
1976	Johnson Harvey	Pacific Telephone
1951	Budlng Av Yousoufian Ardash r	Pacific Telephone & Telegraph Co.
	Budlng Av Olinger W R r	Pacific Telephone & Telegraph Co.
1942	DIMOND Albt H Lydia J	Los Angeles Directory Co.
	BELL Thos E Esther aircrftwkr	Los Angeles Directory Co.
1937	DIXON Wm	Los Angeles Directory Co.
	DIAMOND Albt H Lydia J line formn LAG & E Corp	Los Angeles Directory Co.
1933	HUSTON Wm H auto mech	Los Angeles Directory Co.
	HUSTON Mary Mrs	Los Angeles Directory Co.
	DIAMOND Albt W USA	Los Angeles Directory Co.
	DIAMOND Albt H Lydia J line formn LAG & E Corp	Los Angeles Directory Co.
1929	Wolverton Chas M Milred h	Los Angeles Directory Co.
	HART Wm electn	Los Angeles Directory Co.
1924	Wolverton Chas M real est r	Los Angeles Directory Co.
	Lowey C N electr h	Los Angeles Directory Co.
	CARTER Harry E prsmn h	Los Angeles Directory Co.

### 5720 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MOORE GRETA	Pacific Bell
1951	S Budlng Av Mathis Jas C r	Pacific Telephone & Telegraph Co.
1942	Jenkins Albt G Kath V meat ctr	Los Angeles Directory Co.
	DUNN Donald E June L photog	Los Angeles Directory Co.



## FINDINGS

### 5721 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MARTINEZ PEDRO H	Pacific Bell
1981	GILMORE JAS	Pacific Telephone
	GILMORE JAS	Pacific Telephone
1951	S Budlng Marks Geo E r	Pacific Telephone & Telegraph Co.
1942	Pingle Florence Mrs	Los Angeles Directory Co.
	Pingle Arth B clk	Los Angeles Directory Co.
1937	NORRIS John E Zella clk	Los Angeles Directory Co.
1933	EDWARDS Mattie Mrs Indywkr	Los Angeles Directory Co.
1924	HOLLAND Lynn mach r	Los Angeles Directory Co.
	HOLLAND Clyde auto opr h	Los Angeles Directory Co.

### 5722 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1994	CALDWELL, RICHARD J JR	Cole Information Services
1951	Budlng Englert Malcolm r	Pacific Telephone & Telegraph Co.

### 5724 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NELSON D	Haines & Company
1951	S Budlng Prescott John W r	Pacific Telephone & Telegraph Co.

### 5725 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MAYO Darryl	Haines & Company
	BABER Charles	Haines & Company
1990	DAVIS J	Pacific Bell
1942	Stotley Beulah M cash J J Haggarty Stores	Los Angeles Directory Co.
1933	Hamberger Geo slsmn	Los Angeles Directory Co.
1929	Mc COMB Wm C Mary clk	Los Angeles Directory Co.
1924	Evans Geo O h	Los Angeles Directory Co.

### 5726 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MCKENZIE EDW & GRETA	Pacific Bell
1981	LIGON BUNNY	Pacific Telephone
1951	Budlng Dunn Donald E r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 5729 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MARMOLEJO Gabriel	Haines & Company
1981	SILVA PEDRO	Pacific Telephone
1951	S Budlng Cusick Gertrude A r	Pacific Telephone & Telegraph Co.
1942	Dutro Roy	Los Angeles Directory Co.
1929	MOORE Saml D Irene police	Los Angeles Directory Co.
1924	JOHNSON Skaptia carp h	Los Angeles Directory Co.
	Mumm Paul carp r	Los Angeles Directory Co.
	TYLER Wm G auto mech r	Los Angeles Directory Co.

### 5733 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JONES Anthony	Haines & Company
1990	THOMAS ELVIRA	Pacific Bell
1986	THOMAS ELVIRA	Pacific Bell
1981	THOMAS ELVIRA	Pacific Telephone
	THOMAS ALLEN JR	Pacific Telephone
1976	Thomas Allen Jr	Pacific Telephone
	Thomas Elvira	Pacific Telephone
1951	Budlng Av Inigo Alice r	Pacific Telephone & Telegraph Co.
1937	GERRITSEN Albt G Theresa M wtchmn	Los Angeles Directory Co.
	GIRARD Clifton C mtl winder	Los Angeles Directory Co.
1933	Luitwieler Lillian E	Los Angeles Directory Co.
	Lutweiler Jennie	Los Angeles Directory Co.
1924	Hildebrandt Albt B rubberwkr h	Los Angeles Directory Co.

### 5738 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Holzinger Geo Edith paintmkr	Los Angeles Directory Co.

### 5774 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5783 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GARCIA HILARIA	Pacific Bell

## FINDINGS

### 5808 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Krenwinkel Ferdinand Kath	Los Angeles Directory Co.

### 5819 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MCNEAL JESSIE JAS	Pacific Bell

### 5831 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Budlng Patterson W S r	Pacific Telephone & Telegraph Co.
1942	PATTERSON Wm S Ann	Los Angeles Directory Co.
1937	Hartness Ann Mrs	Los Angeles Directory Co.
1933	KERR Geo W Ella ptrnmkr	Los Angeles Directory Co.
1929	BAKER Geo Milkmn	Los Angeles Directory Co.
1924	TOBIN Jas E lab h	Los Angeles Directory Co.

### 5836 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Budlng Av Schramm Grace r	Pacific Telephone & Telegraph Co.
1942	Shaw Albie pkr	Los Angeles Directory Co.
	Shaw Alex D Albie aircrftwkr	Los Angeles Directory Co.
1937	Mufitch Kath cash J W Robinson Co	Los Angeles Directory Co.
1933	LEACH Roy F Cath M linemn LAG&ECorp	Los Angeles Directory Co.
1929	LAWSON Henry F Viola slsmn Chipron Stamp Co	Los Angeles Directory Co.
	Bronaugh John G Lillian bkpr Vernon & Vermont br LAFNT & SBank	Los Angeles Directory Co.
1924	HOLMES Clara sec Choice Producation h	Los Angeles Directory Co.

### 5861 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	YERENAS Jesus	Haines & Company
	RUBIO Epifanio L	Haines & Company
1981	SHELTON TIMOTHY	Pacific Telephone
1976	Shelton Lucy	Pacific Telephone
1951	Budlng Piersoll Matt r	Pacific Telephone & Telegraph Co.
1942	SLATTER Boyd W mach	Los Angeles Directory Co.
	SLATTER Beverly J	Los Angeles Directory Co.
	Orum Harold A Maxine driver	Los Angeles Directory Co.
1937	FOX Etta B Mrs	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	FOX H Eug	Los Angeles Directory Co.
1933	Conovor Geo A Tillie jan	Los Angeles Directory Co.
1929	Lindquist Carl N Esther eng	Los Angeles Directory Co.

### 5862 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Budng Keppeler Eleanor r	Pacific Telephone & Telegraph Co.
1942	Mc LEAN Eveline sten	Los Angeles Directory Co.
1937	Cross Chas	Los Angeles Directory Co.
	CROSS Gertrude B slsw n	Los Angeles Directory Co.
1933	Hogue Jack L slsm n	Los Angeles Directory Co.
	Mc Clintock Alice M Mrs	Los Angeles Directory Co.
1929	MILLER Matilda Mrs	Los Angeles Directory Co.

### 5865 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	DIXON Edith r	Los Angeles Directory Co.

### 5867 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1942	ELLIOTT Victor J Loretta pntr	Los Angeles Directory Co.
1937	THOMAS Rose Mrs	Los Angeles Directory Co.
	THOMAS Jos L wtchmn Bd of Educ	Los Angeles Directory Co.
	THOMAS Jos pntr	Los Angeles Directory Co.

### 5901 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Rew Fredk C Jessie mtrmn h	Los Angeles Directory Co.

### 5903 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Fleming L B Mrs r	Los Angeles Directory Co.

### 5906 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Jenkins Anna M wid A	Los Angeles Directory Co.

### 5909 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	BERNARD Mildred E steno h	Los Angeles Directory Co.

## FINDINGS

### 5915 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SOWELLS Vincent	Haines & Company
1951	Budlng Av Mack Leo Jr r	Pacific Telephone & Telegraph Co.

### 5940 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BUDLONG AV ELMNTRY	Haines & Company
1990	BUDLONG AVE ELEMENTARY SCHOOL	Pacific Bell
1986	BUCDLONG AVE ELEMENTARY SCHOOL	Pacific Bell
1981	BUDLONG AVE ELEMENTARY SCHOOL	Pacific Telephone
1976	Budlong Ave Elementary School	Pacific Telephone
1951	S Budlng Av Los Angeles City Board of Education elementary schools Budlong	Pacific Telephone & Telegraph Co.
1942	Budlong Avenue School	Los Angeles Directory Co.
1937	Budlong Avenue School	Los Angeles Directory Co.
1929	Budlong Avenue School	Los Angeles Directory Co.
1924	Budlong Avenue School	Los Angeles Directory Co.

### 5951 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MAY Lovell	Haines & Company
1976	Brager Mary	Pacific Telephone
1951	Budlng Av Shemaria Morris r	Pacific Telephone & Telegraph Co.
1942	Sourbeer John B mech	Los Angeles Directory Co.
1937	Casacky Chas A Pauline restr	Los Angeles Directory Co.
1933	WARNER Ted H Lillian malt	Los Angeles Directory Co.

### 5955 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MAY Lee	Haines & Company
1942	BANE James A Charley M lab	Los Angeles Directory Co.
1933	WILLIAMS Fred W Annie gdnr	Los Angeles Directory Co.

### 5961 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WARD Jesse	Haines & Company
	MAY Lee	Haines & Company
1951	Budlng Istok Jas r	Pacific Telephone & Telegraph Co.
1942	DUNCAN Elrene K fctywkr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	JAMES Jack C Arline J winder Westinghouse Elec & Mfg Co	Los Angeles Directory Co.
1933	JAMES John C Arline J electn	Los Angeles Directory Co.
1929	Galligan Jas J Alice clk	Los Angeles Directory Co.

### 5965 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SMITH Willie	Haines & Company
1951	Budlng Brumbaugh Sam T r	Pacific Telephone & Telegraph Co.
1942	GRAY Clarence G Laurel	Los Angeles Directory Co.
1933	BURTON Gladys I tel opr MORGAN Fred W Juanita clk	Los Angeles Directory Co. Los Angeles Directory Co.
1929	BYERS Harold W Mildred clk Lehman Adela wid Geo LEHMAN John H	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.
1924	ROBINSON H C solr h Foley A J r	Los Angeles Directory Co. Los Angeles Directory Co.

### 6000 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	INOUYE Eric	Haines & Company
1951	S Budlng Av Jenkins W J r	Pacific Telephone & Telegraph Co.
1942	Mulford Frank M auto body bldr	Los Angeles Directory Co.
1933	SCHINDLER Rubin Z Ida cbtmkr	Los Angeles Directory Co.
1929	GROSBERG Henrietta wid Chas	Los Angeles Directory Co.

### 6001 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	COOPER Marvin E	Haines & Company
1995	Cooper Marvin E	Pacific Bell
1994	COOPER, MARVIN E	Cole Information Services
1990	COOPER MARVIN E	Pacific Bell
1986	COOPER MARVIN E	Pacific Bell
1981	COOPER MARVIN E COOPER JENNIFER	Pacific Telephone Pacific Telephone
1976	Cooper Marvin E	Pacific Telephone
1958	Geany Christy	Pacific Telephone
1951	Budlng Geany Christy r	Pacific Telephone & Telegraph Co.
1942	Geany Thos M pipe ftr Geany Margt M sten	Los Angeles Directory Co. Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Geany Christy D sta eng	Los Angeles Directory Co.
1937	Mc Lendon Harold C tchr City Sch	Los Angeles Directory Co.
	FREEMAN Geo H tchr City Sc	Los Angeles Directory Co.
1933	Hicks Arnold H Madeline B serv mgr Guyton Tire & Rubber Co	Los Angeles Directory Co.
1929	FREEMAN Harold A Jessie chemist	Los Angeles Directory Co.
1924	Snedden Mary J tchr r	Los Angeles Directory Co.

### 6002 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WALTON Jeffrey L	Haines & Company
1976	Lee Frank	Pacific Telephone
1951	S Budlng Rose Fannie r	Pacific Telephone & Telegraph Co.
1942	ROSE Rosalie sten Ideal Sportswear Co	Los Angeles Directory Co.
	ROSE Harry C Fannie clk	Los Angeles Directory Co.
1937	ROSE Harry Fannie	Los Angeles Directory Co.
1933	ROSE Harry Fannie	Los Angeles Directory Co.

### 6004 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MOSLEY C	Haines & Company
1951	Budlng Welch C H Mrs r	Pacific Telephone & Telegraph Co.
1942	WILSON Harlan O Eleanor baker	Los Angeles Directory Co.
	Sayers Luther	Los Angeles Directory Co.
1937	STEARN Albt Grace	Los Angeles Directory Co.
1929	Bierman Jacob Lillian slsmn	Los Angeles Directory Co.

### 6005 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SMITH Sherman	Haines & Company
1976	Miles Minnie Lee	Pacific Telephone
1951	Budlng Av Reid Freeman r	Pacific Telephone & Telegraph Co.
1942	Iten Jos F	Los Angeles Directory Co.
	JOHNSON Myrtle L Mrs bkpr Higgins Trucks	Los Angeles Directory Co.
1929	HAMMILL Grace A mlnr	Los Angeles Directory Co.
	Alexander Ray K	Los Angeles Directory Co.

### 6006 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	FIGLIUOLO NANCY	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	FIGLIUOLO NANCY	Pacific Telephone
1951	BudIng Av DIgnazio Frank	Pacific Telephone & Telegraph Co.
1942	Klapping Earl May carp	Los Angeles Directory Co.
	Klopping Earl G glazier	Los Angeles Directory Co.
1937	Kruse Mercedes R Mrs clk	Los Angeles Directory Co.
	Mc NUTT Elvira L Mrs	Los Angeles Directory Co.
	Mc NUTT Helen M clk	Los Angeles Directory Co.
1933	Klopping Mattie M Mrs	Los Angeles Directory Co.
	Klopping Neil H slsmn	Los Angeles Directory Co.
	Klopping Earle G	Los Angeles Directory Co.
1929	Klopping Frieda B clk	Los Angeles Directory Co.
	Klopping Mattie E wid Fredk A	Los Angeles Directory Co.
	Klopping Neil H lab	Los Angeles Directory Co.

### 6008 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GUDINO Juliet	Haines & Company
1994	WILLIAMS, BLANCH	Cole Information Services
1990	WILLIAMS BLANCH	Pacific Bell
1937	Mathewson Christy Mrs	Los Angeles Directory Co.
	Barnett Delbert	Los Angeles Directory Co.
1933	GOSS Mary A clk	Los Angeles Directory Co.
1929	HOFFMAN Paul Dina auto mech	Los Angeles Directory Co.

### 6009 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Margetts Lawrence O Ann garage supt Petroleum Securities Bldg	Los Angeles Directory Co.

### 6010 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1990	WALTON JOSIE B	Pacific Bell
1986	WALTON JOSIE B	Pacific Bell
1981	WALTON JOSIE B	Pacific Telephone
1976	Walton Josie B	Pacific Telephone
1951	BudIng Kasner Edw r	Pacific Telephone & Telegraph Co.
1942	BROWN L B Ann bus opr	Los Angeles Directory Co.
	Mohlman Marlyn	Los Angeles Directory Co.
	Mohlman Lillian Mrs	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	FREEMAN Mandel Esther slsmn	Los Angeles Directory Co.
1933	REDDICK Geo W Dollie E slsmn	Los Angeles Directory Co.
1929	WHITE Sidney Eugenia h	Los Angeles Directory Co.

### 6011 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SMITH Sherman	Haines & Company
1976	Bernette Carolyn	Pacific Telephone
1951	Buding Hansen Elsie E r	Pacific Telephone & Telegraph Co.
1942	NEELY Douglas A F Eliz driver	Los Angeles Directory Co.
	Hendershot Frank J acct	Los Angeles Directory Co.
1937	NEELY Douglas A Florence	Los Angeles Directory Co.
1933	NEELY Ora A librn Pub Library	Los Angeles Directory Co.
	HUGHES John H Zola serv sta opr	Los Angeles Directory Co.
1929	BERG H Ward Constance carp	Los Angeles Directory Co.
	STARK Henry W Jeanette meats	Los Angeles Directory Co.

### 6012 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	OLIVARES J L	Haines & Company
1994	DAVIS, J	Cole Information Services
1976	Simpson Helen	Pacific Telephone
1951	S BudIng Rowland Mkt	Pacific Telephone & Telegraph Co.
1942	ROWLAND Julia	Los Angeles Directory Co.
	ROWLAND Fred Dorothy gro	Los Angeles Directory Co.
1937	Rowland Fred Dorothy gro	Los Angeles Directory Co.
1933	LEECH Jas F Jannie E gro	Los Angeles Directory Co.
	HOFMANN Max Emma meats	Los Angeles Directory Co.
1929	LEECH Jas F Jennie gro	Los Angeles Directory Co.
	LEECH Francis S slsmn	Los Angeles Directory Co.
1924	Shaftman Aaron gro	Los Angeles Directory Co.

### 6014 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CORNELIOUS Donald 00 E	Haines & Company
1942	Stubbins Wm H Mary I driver	Los Angeles Directory Co.
1933	Lucero Benj Lupe cook	Los Angeles Directory Co.
1929	HANSEN Hans Hulda glasswkr	Los Angeles Directory Co.

## FINDINGS

### 6017 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LIEBOWITZ Murray	Haines & Company
1951	BudIng Moore Etta r	Pacific Telephone & Telegraph Co.
1942	MOORE Etta	Los Angeles Directory Co.
	WADE Margt E wid W J	Los Angeles Directory Co.
1937	Wade Margt E Wid W J	Los Angeles Directory Co.
1933	MOORE Etta tchr City Schs	Los Angeles Directory Co.
	WALKER Thos A Eliz A barber	Los Angeles Directory Co.
1929	MOORE Etta tchr City Sch	Los Angeles Directory Co.
1924	Moore Etta tchr h	Los Angeles Directory Co.

### 5715 3/4 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	JOHNSON HARVEY	Pacific Bell

### 5735 3/4 BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	JOHNSON HOWARD S	Pacific Telephone

### HALLDALE AVE

#### 5830 HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JESSE C CUSTOM SHOP	Haines & Company
1990	JOSE S CUSTOM CABINETS	Pacific Bell
1960	VIRCO ENGINEERING CO	Pacific Telephone
1951	Halldle Swatsley Richard E M & S Mach Shop	Pacific Telephone & Telegraph Co.
	Halldle M & S Mach Shop	Pacific Telephone & Telegraph Co.
	Halldle Krause Mach & Tool	Pacific Telephone & Telegraph Co.
	Halldle Hanson Mach Wks	Pacific Telephone & Telegraph Co.
1942	KIRSTEN Paul E Mary restr	Los Angeles Directory Co.
1937	De Mary Delmar mtrmn	Los Angeles Directory Co.
	De Mary Thos W Annie awnings	Los Angeles Directory Co.

#### 5833 HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

## FINDINGS

### 5842 HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TEJEDA Gonzalo	Haines & Company

### 5865 HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5866 HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	COWLINGS SHARON A	Pacific Telephone
1951	Halldle Av Chickering Kenneth J r	Pacific Telephone & Telegraph Co.
1942	Mesler Paul J Irma W waiter	Los Angeles Directory Co.
1937	PALMER Edw Bernice	Los Angeles Directory Co.
1933	MARING Lester Christine chauf	Los Angeles Directory Co.

### 5904 HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GODINEZ Manuel LOPEZ Javier	Haines & Company

### 5905 HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TREJO Rene	Haines & Company
1986	ARZATE LARENZO	Pacific Bell
1976	Patterson Florine	Pacific Telephone
1951	Halldle Baas Russell W r	Pacific Telephone & Telegraph Co.
1942	HANSEN Jas V Thurma traf marker LAPD	Los Angeles Directory Co.
1937	Bachmen Mendel G Vera	Los Angeles Directory Co.
1933	BACHMAN Mendel Vera slsmn	Los Angeles Directory Co.
1929	EDWARDS Walter Florence lab	Los Angeles Directory Co.

### 5909 HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	AMAYA JOSE FERNANDO	Pacific Bell
1951	Halldle Schaefer Elizabeth r	Pacific Telephone & Telegraph Co.
1942	HENDRICKS Perry C Donnie driver	Los Angeles Directory Co.
1937	Mandeson Edw E Sadie and Dept Water & Power	Los Angeles Directory Co.
1933	Mandeson Edw Sadie clk	Los Angeles Directory Co.
1929	Mandeson Edw Sadie hdw	Los Angeles Directory Co.

## FINDINGS

### **KANSAS AVE**

#### **5803 KANSAS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	EDMONDSON David C Gladys L civ eng	Los Angeles Directory Co.

#### **5808 KANSAS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Tippens Earl C foremn American Ry Express Co h	Los Angeles Directory Co.

#### **5822 KANSAS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	PRICE Elvin E br mgr Humpty Dumpty Stores h	Los Angeles Directory Co.

#### **5840 KANSAS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Rock Everett Ola cook	Los Angeles Directory Co.
1937	Thiessen Waldo J Edith treas Jerseymaid Milk Products Co	Los Angeles Directory Co.

#### **5857 KANSAS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	WRIGHT Frank M Isadora J jan	Los Angeles Directory Co.
	WRIGHT Frank D lab	Los Angeles Directory Co.

#### **5859 KANSAS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OSCAR PRICE	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	BIG LEAGUE BOUND	Cole Information Services
2004	BIG LEAGUE BOUND	Cole Information Services
	OSCAR PRICE	Cole Information Services
2000	PRICE Oscar C Jr	Haines & Company
1999	OCCUPANT UNKNOWN	Cole Information Services
1951	Kansas Av Kohi Elmer J r	Pacific Telephone & Telegraph Co.
	Kansas Av Van Derlip D B Mrs r	Pacific Telephone & Telegraph Co.
1942	Fellows Jack crmrvwkr	Los Angeles Directory Co.
1937	Elberly Maurice E Altha clk	Los Angeles Directory Co.
	Eberly Maurice E Altha clk	Los Angeles Directory Co.
	ROLAND Faye D Mrs clk	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	GRIBBLE Mildred E cash Sears Roebuck & Co	Los Angeles Directory Co.
	GORDON Geo F Mabel toolmkr	Los Angeles Directory Co.
	Ficklin Jos Alice serv sta opr	Los Angeles Directory Co.
	Ficklin Madge Mrs	Los Angeles Directory Co.

### 5860 KANSAS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	PATRICIA GARCIA	Cole Information Services
	PATRICIA DIAZ	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
2000	XXXX	Haines & Company
1999	PATRICIA GARCIA	Cole Information Services
	MELVIN CAGE	Cole Information Services
	PATRICIA DIAZ	Cole Information Services
1981	DALE RACHEL D	Pacific Telephone
1958	Hart Eva F	Pacific Telephone
1951	Kansas Av Hart Eva F r	Pacific Telephone & Telegraph Co.
1942	LEWIS Larry G	Los Angeles Directory Co.
	LEWIS Gladys J priv sec Staffer Chem Co	Los Angeles Directory Co.
	LEE Harvey L Florence lab	Los Angeles Directory Co.
	Hebble Gloria Mrs confy	Los Angeles Directory Co.
1937	Freiberg Albt J Mildred l slsmn	Los Angeles Directory Co.
	RICHARDSON Leo L driver	Los Angeles Directory Co.
	RICHARDSON Robt	Los Angeles Directory Co.
	RICHARDSON Wilma ediphone opr	Los Angeles Directory Co.
	Sampson Carrie A	Los Angeles Directory Co.
1933	PETERSON Alf Bernice steelwkr	Los Angeles Directory Co.
	Mc KENNA Nora clk	Los Angeles Directory Co.

### 5861 KANSAS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Kansas Cox Thos W r	Pacific Telephone & Telegraph Co.
1942	THOMAS Lionel W Mary lab	Los Angeles Directory Co.
	GLEASON Norman F Dorothy clk	Los Angeles Directory Co.
1937	Whittle Anna Mrs	Los Angeles Directory Co.
	Holbrook Eva Mrs	Los Angeles Directory Co.
1933	GILL Walter A Garnet mach	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	NEILSEN Kund Xenia carp	Los Angeles Directory Co.

### 5862 KANSAS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	ROSA DELA	Cole Information Services
2009	HERIBERTO DELAROSA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	DELAROSA Heriberdo	Haines Company, Inc
2004	FRANCISCO LORENZO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	MELVIN CAGE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	HERIBERTO DELAROSA	Cole Information Services
1994	MEEKS, MELVIN E	Cole Information Services
1951	Kansas Av Lindsey Myrtle L r	Pacific Telephone & Telegraph Co.
	Kansas Av Sampson Carrie R r	Pacific Telephone & Telegraph Co.
1937	MILLER Leon R Agnes M millwkr	Los Angeles Directory Co.
	Potter Daul C Peresa A	Los Angeles Directory Co.
1933	Doss Julia Mrs	Los Angeles Directory Co.
	KELLER Richd A Clarice eng	Los Angeles Directory Co.
	Utterback Thelma A clk	Los Angeles Directory Co.

### 5867 KANSAS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE LUNA	Cole Information Services
2009	JOSE LUNA	Cole Information Services
2006	LUNAJose	Haines Company, Inc
2004	JOSE LUNA	Cole Information Services
2000	HAWKINS Cleophus	Haines & Company
1999	JOSE LUNA	Cole Information Services
1942	Hover Josephine wid J E	Los Angeles Directory Co.
1933	WALTON Henry A Betty barber	Los Angeles Directory Co.
1929	Fadich Frank egg candler	Los Angeles Directory Co.
1924	CASEY Louis A clk r	Los Angeles Directory Co.

### 5868 KANSAS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAIME MONTALVO	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2000	XXXX	Haines & Company
1951	Kansas Av Cotter T A r	Pacific Telephone & Telegraph Co.
1942	Cotter Danl	Los Angeles Directory Co.
1937	YOUNG Wm B Theresa C	Los Angeles Directory Co.
1933	YOUNG Wm B B Theresa C slsmn	Los Angeles Directory Co.
1929	YOUNG Wm B B Theresa slsmn h	Los Angeles Directory Co.
1924	Tippens Esther Mrs clk r	Los Angeles Directory Co.

### 5869 KANSAS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MELODY WHITE	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	o MCDANIEL LII Ile	Haines Company, Inc
2004	LILLIE MCDANIEL	Cole Information Services
2000	MCDANIEL Lillie	Haines & Company
1999	OCCUPANT UNKNOWN	Cole Information Services
1951	Kansas Av Cannon Theron E r	Pacific Telephone & Telegraph Co.
1942	HAYDEN Keith J Maye slsmn Jerseymaid Milk Products	Los Angeles Directory Co.
1933	BENNETT Jas T Prudence A ins agt	Los Angeles Directory Co.
1929	KOCH Fred W Volerie cook	Los Angeles Directory Co.

### 5860 1/2 KANSAS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MARTIN WALTER	Pacific Bell

### 5862 1/2 KANSAS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	PATTERSON EDW JR	Pacific Telephone

### NORMANDIE AVE

#### 5517 NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	GIBSON Delbert W printer	Los Angeles Directory Co.

#### 5701 NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Erdman Clara A slswn	Los Angeles Directory Co.

## FINDINGS

### 5810 NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	CONTINENTAL RECORDS MFG CO	Pacific Telephone

### 5861 NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Joy Henry J	Los Angeles Directory Co.

### 5863 NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	POWELL G WILLIAM REV CHRISTIAN MISSIONARY BAPTIST CHURCH	Pacific Telephone

### NORMANDIE AVE S

#### 5420 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	REYES Silvia	Haines & Company

#### 5427 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WILLIAMS Carolyn	Haines & Company

#### 5429 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Kalayjian Satrak r	Pacific Telephone & Telegraph Co.

#### 5431 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Johnson Bruce R r	Pacific Telephone & Telegraph Co.

#### 5501 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SONG Denny	Haines & Company
	FAMILY MARKET	Haines & Company
1951	S Normndie Georges Mkt	Pacific Telephone & Telegraph Co.

#### 5507 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GENTRY Jerrel K	Haines & Company
	a 1/2 DOLAND Anna M	Haines & Company



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Middlekauff Robt C r	Pacific Telephone & Telegraph Co.
	S Normndie Giddings Jane Needham r	Pacific Telephone & Telegraph Co.

### 5509 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5511 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ZELAYA Ulises	Haines & Company
1951	S Normndie Shroyer Edna	Pacific Telephone & Telegraph Co.

### 5513 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MALLOY JERRY	Haines & Company
1951	S Normndie Av Pitts John	Pacific Telephone & Telegraph Co.

### 5514 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	KIEL Charles	Haines & Company
	BEV HLS SOUTH HIGH TECH AUTO	Haines & Company
	BEDFORD Leon	Haines & Company
1951	S Normndie Kiels Automotive Serv	Pacific Telephone & Telegraph Co.

### 5515 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Ziady Gordon r	Pacific Telephone & Telegraph Co.

### 5517 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Kusnir John G rl est	Pacific Telephone & Telegraph Co.
	S Normndie Kusnir John G r	Pacific Telephone & Telegraph Co.

### 5519 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MEMBRENO Jose Mario	Haines & Company
1951	S Normndie Woodard R A r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 5521 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Av Cox Edith B r	Pacific Telephone & Telegraph Co.

### 5523 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GUERRERO Avelino	Haines & Company
1951	S Normndie Av Romero Edw B	Pacific Telephone & Telegraph Co.

### 5525 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BERNAL Juan A	Haines & Company
1951	S Normndie Evas Beauty Shop	Pacific Telephone & Telegraph Co.

### 5600 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LEE Hong	Haines & Company
1951	S Normndie Bob & Hal Serv	Pacific Telephone & Telegraph Co.

### 5601 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	FULLER Alton L	Haines & Company

### 5603 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Talbott Neil F r	Pacific Telephone & Telegraph Co.

### 5607 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GONZALEZ Rosario	Haines & Company
1951	S Normndie Hoelderle Al r	Pacific Telephone & Telegraph Co.

### 5609 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Gilbert Martha C r	Pacific Telephone & Telegraph Co.

### 5611 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JOHNS Samuel	Haines & Company

## FINDINGS

### 5613 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5615 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CUEVAS Candido	Haines & Company
1951	S Normndie Davis Richard r	Pacific Telephone & Telegraph Co.

### 5619 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HORACE William	Haines & Company
1951	S Normndie Bower Carlyle r	Pacific Telephone & Telegraph Co.

### 5623 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Bobs Auto Repair	Pacific Telephone & Telegraph Co.

### 5700 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	FUENTES David	Haines & Company
1951	S Normndie Helker Leonard L r	Pacific Telephone & Telegraph Co.

### 5701 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DOUGLAS Tamera	Haines & Company
1951	S Normndie Wagner Frank r	Pacific Telephone & Telegraph Co.

### 5704 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GALLO Jose	Haines & Company
	CABRERA Jose	Haines & Company
1951	S Normndie Vicks Alfons r	Pacific Telephone & Telegraph Co.

### 5707 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	THIBODEAUX K	Haines & Company
1951	S Normndie Thomas Mary Mrs r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 5708 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ROUX John	Haines & Company
	KEMP Danl W	Haines & Company

### 5711 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JIMENEZ Daniel	Haines & Company
1951	S Normndie Miller Geo K r	Pacific Telephone & Telegraph Co.
	S Normndie Leonard A C r	Pacific Telephone & Telegraph Co.

### 5712 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BARRIOS Philip	Haines & Company
1951	S Normndie Av Silva Alfonso	Pacific Telephone & Telegraph Co.

### 5715 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ROGERS Patricia	Haines & Company
1951	S Normndie McKenzie Jas B r	Pacific Telephone & Telegraph Co.

### 5716 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ARGUMEDO Julio	Haines & Company
1951	S Normndie Grant Genevieve Mrs Nurse r	Pacific Telephone & Telegraph Co.

### 5717 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HERRERA Yolanda	Haines & Company
1951	S Normndie Henrichs Wm R r	Pacific Telephone & Telegraph Co.

### 5719 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HERNANDEZ Leticia 323 77 B 7140	Haines & Company
1951	S Normndie Baragona Jos J r	Pacific Telephone & Telegraph Co.

### 5720 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HALL Ada	Haines & Company
1951	S Normndie Av Uneeda Upholstrng Shop	Pacific Telephone & Telegraph Co.
	S Normndie Av Abramowitz Julius Uneeda Upholstrng Shop	Pacific Telephone & Telegraph Co.

## FINDINGS

### 5721 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Benson M V r	Pacific Telephone & Telegraph Co.

### 5725 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MORRIS Bernard	Haines & Company

### 5727 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WEALTH CODE	Haines & Company
	RIGOS UPHOLSTERY	Haines & Company

### 5729 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5810 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MONIQUE FASHIONS	Haines & Company
	PINEDAS SEWING	Haines & Company
	RUIZ ALEJANDRA	Haines & Company
	WESTSIDE BUSINESS SYSTEMS	Haines & Company
	Y I R E H FASHIONS	Haines & Company
	JUDY SPORTSWEAR	Haines & Company
	BUILDING DOUBLE AA & S FURNITURE	Haines & Company
	FAST GARMENT INC	Haines & Company
	FRANCISCO A RODRIGUEZ	Haines & Company
	GLORIAS FASHION	Haines & Company
	JEOVANNY FASHIONS	Haines & Company
1951	S Normndie Sealy Mattress Co	Pacific Telephone & Telegraph Co.

### 5815 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	K & M WLDNG WRGHT IRN	Haines & Company
	EMBAJADA DE DIOS	Haines & Company
	CORREA Joaquin	Haines & Company
1951	S Normndie Hillco Bldg Material Co	Pacific Telephone & Telegraph Co.
	S Normndie Hill Ned Hillco Bldg Material Co	Pacific Telephone & Telegraph Co.

## FINDINGS

### 5826 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5840 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Bowman Elizabeth Mrs r	Pacific Telephone & Telegraph Co.

### 5841 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ELLIS Kenneth	Haines & Company
1951	S Normndie Mecca Caf	Pacific Telephone & Telegraph Co.

### 5845 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Normandie Liquor Store	Pacific Telephone & Telegraph Co.

### 5847 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Av R & K Radio & TV Serv	Pacific Telephone & Telegraph Co.

### 5849 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Johns Spaghetti House	Pacific Telephone & Telegraph Co.

### 5851 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5860 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LAMBERT Ruby	Haines & Company

### 5861 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WILLIAMS John Jr	Haines & Company

### 5862 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HOLLAND C	Haines & Company

## FINDINGS

### 5863 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LIVING TRUTH CHRSTN	Haines & Company
1951	S Normndie Miller Whsle Co	Pacific Telephone & Telegraph Co.

### 5864 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	a 1/2 LOUIS Odom	Haines & Company

### 5865 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JONES Frederick	Haines & Company

### 5867 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Manriquez Bros Furn Co	Pacific Telephone & Telegraph Co.

### 5869 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Manriquez A L r	Pacific Telephone & Telegraph Co.

### 5870 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Young R G r	Pacific Telephone & Telegraph Co.

### 5873 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Lipstick Beauty Shop	Pacific Telephone & Telegraph Co.

### 5900 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PETTUS Cornelius	Haines & Company

### 5901 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HO Uichin	Haines & Company
1951	S Normndie Fifty Ninth & Normandie Mkt	Pacific Telephone & Telegraph Co.

## FINDINGS

### 5903 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NORAS BEAUTY SUPPLYTDD ONLY	Haines & Company
	NORAS FLOWER SHOP	Haines & Company

### 5905 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Gossett Upholstry Co	Pacific Telephone & Telegraph Co.

### 5908 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5909 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HOMES MARKET	Haines & Company
1951	S Normndie Nahama Albert J r	Pacific Telephone & Telegraph Co.
	S Normndie Av Woodruff Leroy A r	Pacific Telephone & Telegraph Co.

### 5910 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BOLANOS Rosala	Haines & Company
1951	S Normndie Av Plant Sylvia	Pacific Telephone & Telegraph Co.

### 5912 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	STIFT Willa B	Haines & Company

### 5915 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HO Uichin	Haines & Company
1951	S Normndie Towne Cleaners Dyers	Pacific Telephone & Telegraph Co.

### 5919 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Noras Flower Shop	Pacific Telephone & Telegraph Co.

### 5920 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ITS ABOUT CARS	Haines & Company
1951	S Normndie Av Miller W B M & M Paintrs	Pacific Telephone & Telegraph Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Av M & M Painters	Pacific Telephone & Telegraph Co.
	S Normndie Av Stacco Products	Pacific Telephone & Telegraph Co.

### 5921 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Normndie Quality Food Mart	Pacific Telephone & Telegraph Co.

### 5923 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	THRIFTY COIN LAUNDRY	Haines & Company
1951	S Normndie Heil Pharmacy	Pacific Telephone & Telegraph Co.

### 5950 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	EAST WEST FISH MRKT	Haines & Company
1951	S Normndie ODonnells Beauty Salon	Pacific Telephone & Telegraph Co.

### 5952 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5954 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Brandenburg Anna r	Pacific Telephone & Telegraph Co.

### 5956 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 5958 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GLEN Howard	Haines & Company
1951	S Normndie Vitos Wine Barrel House	Pacific Telephone & Telegraph Co.

### 5960 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NORMANDIE AV S 99044 CONT	Haines & Company
	HOOPERS SECRETARIAL SERVICE	Haines & Company

## FINDINGS

### 5961 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PEREZ Jorge	Haines & Company

### 5962 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	INTL BEAUTY SALON	Haines & Company
	M TS BEAUTY SALON	Haines & Company

### 5972 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 6000 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SAM & JUNES AUTO	Haines & Company

### 6001 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WATSON Ogelia	Haines & Company
1951	S Normndie Vals Serv Stn & Garage	Pacific Telephone & Telegraph Co.
	S Normndie Duncan Val r	Pacific Telephone & Telegraph Co.

### 6010 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	S Normndie Av Bogart Esther P DO	Pacific Telephone & Telegraph Co.
	S Normndie De Haan J M r	Pacific Telephone & Telegraph Co.

## RAYMOND AVE

### 5867 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	AUDREY JONES	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	ROBYN THOMPSON	Cole Information Services
2000	TYLER Donielle M	Haines & Company
1999	OCCUPANT UNKNOWN	Cole Information Services
1951	S Raymnd Farmer Jean r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 5870 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RUTH ZA VALETA	Cole Information Services
2009	RUTH ZA VALETA	Cole Information Services
	PATRICIA RIVAS	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	PATRICIA RIVAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	GLORIA AYALA	Cole Information Services
2000	a 1/2 MORFIN Bertha	Haines & Company
1999	RUTH ZA VALETA	Cole Information Services
	PATRICIA RIVAS	Cole Information Services
1994	WALTON, GIA	Cole Information Services
1986	KNIGHT SHEILA	Pacific Bell
1951	Raymnd Ammon Jas H r	Pacific Telephone & Telegraph Co.
1942	Burgoon Roy M Dorothy bkpr HB&Co	Los Angeles Directory Co.
1933	VINCENT Thos P Isabel M auto mech	Los Angeles Directory Co.
	Quiggle Mary E clk	Los Angeles Directory Co.
	Dobereiner Henry Estella meat ctr	Los Angeles Directory Co.

### 5905 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Corle Elmer lab r	Los Angeles Directory Co.

### 5910 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ZOILA MARROQUIN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	DONNELL Ardall	Haines Company, Inc
	Bernadine	Haines Company, Inc
	BAUMGARTNER	Haines Company, Inc
2004	DONNELL ARDELL	Cole Information Services
2000	RODRIGUEZ Pedro	Haines & Company
1999	OCCUPANT UNKNOWN	Cole Information Services
1990	RODRIQUEZ PEDRO	Pacific Bell
1986	HILL CASSIE MAE	Pacific Bell
1981	HILL CASSIE MAE	Pacific Telephone
1976	Hill Cassie Mae	Pacific Telephone
1951	Raymnd Marian John r	Pacific Telephone & Telegraph Co.
1942	Marian John Hohanna mech	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Seleman Wm H Alta E concretewkr	Los Angeles Directory Co.
1933	Siebel Clarence F Constance R paper ruler	Los Angeles Directory Co.
1929	WILSON Roy M Mary slsmn Standard Hat Co h	Los Angeles Directory Co.

### 5914 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1994	MARTINEZ, F J	Cole Information Services
1990	HERNANDEZ NAPOLEON	Pacific Bell
1981	THOMPSON ROGER	Pacific Telephone
1942	WISE Zell Mrs	Los Angeles Directory Co.
1937	EPSTEIN Saml Ruth slsmn Leon Lasken	Los Angeles Directory Co.
1933	YOUNG Clifford E Ida R plstr	Los Angeles Directory Co.

### 5915 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MANUEL DUVALL	Cole Information Services
2009	C KITCHEN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	WILLIAM MCDOWELL	Cole Information Services
2000	DUVALL Manuel	Haines & Company
1999	C KITCHEN	Cole Information Services
1981	FEAGIN WILLIE O	Pacific Telephone
1951	Raymnd Dresher Wm P r	Pacific Telephone & Telegraph Co.
1942	Dresher Wm P Lydia C pntr	Los Angeles Directory Co.
1937	Donelson Leo M Alta L electn	Los Angeles Directory Co.
1933	Karle Josef W Jenny slsmn Sears Roebuck & Co	Los Angeles Directory Co.

### 5919 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOANNA YANG	Cole Information Services
2009	QUINSTON ARCHIE	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	LENISHA JACKSON	Cole Information Services
2000	XXXX	Haines & Company
1999	QUINSTON ARCHIE	Cole Information Services
1981	THOMAS NETTIE C	Pacific Telephone
1951	S Raymnd Riddle Dorothy K r	Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Brake J Robt DEsta dairywkr	Los Angeles Directory Co.
1937	PALMER Lloyd H Naomi E br mgr Genl Pet Corp	Los Angeles Directory Co.
1929	Dresher Wm P Lydia pntr	Los Angeles Directory Co.
1924	Witt Abram M meat ctr h	Los Angeles Directory Co.

### 5921 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LARRY NEWELL	Cole Information Services
2009	LALLEN CENNIS	Cole Information Services
2004	D BROOKS	Cole Information Services
1999	LALLEN CENNIS	Cole Information Services
1976	Love Clarence	Pacific Telephone
1942	Streff Oscar C Anita driver	Los Angeles Directory Co.
1937	Dechant Aug Emily meats	Los Angeles Directory Co.
1933	Dresher Wm P Lydia C pntr	Los Angeles Directory Co.
1929	Mc CONNELL Harvey Dorothy baker	Los Angeles Directory Co.
1924	SLOCUM De Witt C clk h	Los Angeles Directory Co.

### 5951 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRIGETTE STUCKEY	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	o SANCHEZ Guadalupe	Haines Company, Inc
2004	GUADALUPE SANCHEZ	Cole Information Services
2000	FELIX Marcos	Haines & Company
1999	OCCUPANT UNKNOWN	Cole Information Services
1981	QUEVEDO MERCEDES	Pacific Telephone
1951	Raymnd Strausheim Sander r	Pacific Telephone & Telegraph Co.
1937	LEWIS Marshall W Virginia seeds	Los Angeles Directory Co.
1933	PARRETT Glen R Ethel M meats	Los Angeles Directory Co.
1929	Borgquist Albt N Lillian insulator	Los Angeles Directory Co.
	Patz Eldred C clk	Los Angeles Directory Co.

### 5959 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	HILARIO PENALOSA	Cole Information Services
2006	PORTILLO Evelyn	Haines Company, Inc
1999	HILARIO PENALOSA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	RIVERA JOSE LUIS	Pacific Bell
1986	RIVERA JOSE LUIS	Pacific Bell
1981	RIVERA JOSE LUIS	Pacific Telephone
1942	WILLARD Gail F Maggie driver	Los Angeles Directory Co.
1937	MARTIN Lucille slswn	Los Angeles Directory Co.
	LEWIS Vincent Ethelrita slsmn	Los Angeles Directory Co.
1933	STACEY Patk A clk	Los Angeles Directory Co.
	STACEY John J Mary R	Los Angeles Directory Co.
1929	WRIGHT John N Jr Myrtle archt h	Los Angeles Directory Co.
1924	ELLIS E M painter h	Los Angeles Directory Co.

### 5964 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	PREDOM JASHARI	Cole Information Services
2006	LEVINER Ian	Haines Company, Inc
	PREDOM LII Ile	Haines Company, Inc
2000	PREDOM Lillie	Haines & Company
1999	PREDOM JASHARI	Cole Information Services
1981	PREDOM LILLIE	Pacific Telephone
1976	Easley Mary E	Pacific Telephone
1951	Raymnd Karns Fred W r	Pacific Telephone & Telegraph Co.
1937	Rorschach Hubert H Gabrielle chauf	Los Angeles Directory Co.
1933	Rorschack Hubert H Gaby	Los Angeles Directory Co.
1929	Drew Arth M Eleanor bkpr Cal Bank	Los Angeles Directory Co.

### 5965 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROSHAIN VALENTINE	Cole Information Services
2009	ISAAC LEE	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	D JONES	Cole Information Services
2000	LEE Isaac 00 +C	Haines & Company
1999	ISAAC LEE	Cole Information Services
1981	ORNELAS GUADALUPE	Pacific Telephone
1951	Raymnd Av Chlarson Bob Joe r	Pacific Telephone & Telegraph Co.
1937	YOUNG Fred Thelma auto mech	Los Angeles Directory Co.
	MORTON Clyde M mach	Los Angeles Directory Co.
	MORTON Chas V	Los Angeles Directory Co.
1924	HENDRICKSON Ren carp h	Los Angeles Directory Co.

## FINDINGS

### 5967 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	BRENDA ROBERTS	Cole Information Services
2000	XXXX	Haines & Company
1951	Raymnd Kowalski Harry C r	Pacific Telephone & Telegraph Co.
1942	Kowalski Harry C Minnie Kowalski Dorothy C	Los Angeles Directory Co. Los Angeles Directory Co.
1937	Kowalski Harry C Minnie C	Los Angeles Directory Co.
1933	Kowalski Harry Minnie	Los Angeles Directory Co.

### 6001 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ABDUL DERIS	Cole Information Services
1942	NETTLESHIP Robt O Phys	Los Angeles Directory Co.

### 6007 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JADAVA BROOKS	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	JADAVA BROOKS	Cole Information Services
2000	XXXX	Haines & Company
1999	JADAVA BROOKS	Cole Information Services
1942	Lucatorta Thos J Esther teller	Los Angeles Directory Co.

### 6008 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2006	WILLIAMS Janelle	Haines Company, Inc
2004	JUDY ZEIGLER	Cole Information Services
2000	WILLIAMS Janelle	Haines & Company
1942	ROLLINS Josephine wid G W	Los Angeles Directory Co.
1937	KAUFMAN A E Phoebe electn	Los Angeles Directory Co.
1933	JOHNSON Andw J Mary E slsmn Golden State Co	Los Angeles Directory Co.
1929	Avery Benj W Theresa carp	Los Angeles Directory Co.

## FINDINGS

### 6009 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DANIELLE JAKES	Cole Information Services
2009	DAVID MACK	Cole Information Services
2006	GARDNER Rachel	Haines Company, Inc
2004	DAVID MACK	Cole Information Services
1999	DAVID MACK	Cole Information Services
1951	Raymnd Thudium Bill E r	Pacific Telephone & Telegraph Co.
1942	Lucatorta Frank Melvina teller Bof A	Los Angeles Directory Co.

### 6010 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALICIA MONTGOMERY	Cole Information Services
2009	CANDACE QUINN	Cole Information Services
2006	WIGGINS Bryan	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
2000	XXXX	Haines & Company
1999	CANDACE QUINN	Cole Information Services
1994	TROY, NICOLE	Cole Information Services

### 6014 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BONNIE LANE	Cole Information Services
2009	BONNIE LANE	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
2000	XXXX	Haines & Company
1999	BONNIE LANE	Cole Information Services
1951	S Raymnd Weberg Ben r	Pacific Telephone & Telegraph Co.
1942	Weberg Ben H Marie bkpr	Los Angeles Directory Co.
1937	Mrava John Cath cbtmkr	Los Angeles Directory Co.

### 6015 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	STEPHANIE COLLINS	Cole Information Services
2000	XXXX	Haines & Company
1976	Jefferson Lila	Pacific Telephone
1942	Abraham Gatnicia Mrs	Los Angeles Directory Co.
1937	ANDERSON Carl L	Los Angeles Directory Co.
1933	Weiler Leo N Kath J wtchmn	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Mc NUTT Jas A Elvira auto mech	Los Angeles Directory Co.

### 5870 1/2 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	DEES DAVID	Pacific Bell

### S BUDLONG AVE

#### 5409 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE SANABRIA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

#### 5426 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	VANDEYSHA THEARY	Cole Information Services
2004	VANDEYSHA THEARY	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	VANDEYSHA THEARY	Cole Information Services

#### 5514 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	G LARSEN	Cole Information Services
2009	SABRINA CHAPPELL	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	CAMERON LYONS	Cole Information Services
	THERESA EVANS	Cole Information Services
1999	SABRINA CHAPPELL	Cole Information Services

#### 5516 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DAPHNE GREEN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	TODD Richard	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services

#### 5556 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

### 5618 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	STANNIE THOMAS	Cole Information Services
2009	ROTESS THOMAS	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	TOMASA MAGNAYE	Cole Information Services
1999	ROTESS THOMAS	Cole Information Services

### 5671 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JIMMIE ALLEN	Cole Information Services
2009	DEMONT CONWAY	Cole Information Services
2006	ALLENJintie	Haines Company, Inc
2004	RICHARD ALLEN	Cole Information Services
1999	DEMONT CONWAY	Cole Information Services
1924	Entner John hlpr r	Los Angeles Directory Co.

### 5703 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CLARA VILLALOBOS	Cole Information Services
2009	CLARA VILLALOBOS	Cole Information Services
2006	VILLAL OBOS Clara	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	CLARA VILLALOBOS	Cole Information Services

### 5704 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o TRENTLulu	Haines Company, Inc

### 5705 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	STEVENS Annie	Haines Company, Inc

### 5708 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PAULINE SINGLEPON	Cole Information Services
2009	PAULINE SINGLEPON	Cole Information Services
2006	No Current Listing	Haines Company, Inc
1999	PAULINE SINGLEPON	Cole Information Services

## FINDINGS

### 5709 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALVARO SANCHEZ	Cole Information Services
2009	CYTHNIA ABRAM	Cole Information Services
2006	a OSHON Steve	Haines Company, Inc
2004	NITA CHAPMAN	Cole Information Services
1999	CYTHNIA ABRAM	Cole Information Services
1924	Trosin Helen Mrs clk r	Los Angeles Directory Co.

### 5710 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WAYNE SIMMONS	Cole Information Services
2009	ELGIE SIMMONS	Cole Information Services
2006	SIMMONS E	Haines Company, Inc
2004	ELGIE SIMMONS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ELGIE SIMMONS	Cole Information Services

### 5715 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIO LOPES	Cole Information Services
	YUNDIA PACHECO	Cole Information Services
	VICTOR RECINOS	Cole Information Services
	PAULINA VERONA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	MARIO LOPES	Cole Information Services
	YUNDIA PACHECO	Cole Information Services
	JOSE RECINOS	Cole Information Services
	VICTOR RECINOS	Cole Information Services
	PAULINA VERONA	Cole Information Services
	ERIC RIVERA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	LOPES Mado RECINOS Jose	Haines Company, Inc
	VERONA Paulina	Haines Company, Inc
	/2 TILUS Sam	Haines Company, Inc
2004	MARIO LOPES	Cole Information Services
	EMILIA CASAREZ	Cole Information Services
	ERIC RIVERA	Cole Information Services
	PAULINA VERONA	Cole Information Services
1999	JOSE RECINOS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	VICTOR RECINOS	Cole Information Services
	PAULINA VERONA	Cole Information Services
	ERIC RIVERA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	YUNDIA PACHECO	Cole Information Services
	MARIO LOPES	Cole Information Services
1929	FENNELL Earle W Louise cashr Eveining Herald	Los Angeles Directory Co.
1924	Lang A F foremn h	Los Angeles Directory Co.

### 5717 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RECINOS Marda	Haines Company, Inc
	AQUINO Aicia	Haines Company, Inc

### 5721 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LISA FRADY	Cole Information Services
2009	MARIA PEREZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	JUVENAL CAMPOS	Cole Information Services
1999	MARIA PEREZ	Cole Information Services

### 5722 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc

### 5724 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TERENCE NELSON	Cole Information Services
2009	TERENCE NELSON	Cole Information Services
2004	TASHA NELSON	Cole Information Services
1999	TERENCE NELSON	Cole Information Services

### 5725 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIO CORDOVA	Cole Information Services
2009	MARIO CORDOVA	Cole Information Services
2006	PERAZA Arcadio	Haines Company, Inc
2004	WILLIAM DEAN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	MARIO CORDOVA	Cole Information Services

### 5726 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	KIRK VALENTINE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 5729 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RODRIGUEZ Julia a REYBURN Roger CUBIAS Alejandro	Haines Company, Inc Haines Company, Inc Haines Company, Inc

### 5733 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RIGOBERTO RAMIREZ	Cole Information Services
2009	RIGOBERTO RAMIREZ	Cole Information Services
2006	a MARQUEZ Mart In	Haines Company, Inc
2004	ANTHONY JONES	Cole Information Services
1999	RIGOBERTO RAMIREZ	Cole Information Services

### 5836 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA PEREZ	Cole Information Services
2009	MARTHA RAMIREZ	Cole Information Services
1999	MARTHA RAMIREZ	Cole Information Services

### 5861 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RUBIO Ep Oanio L YERENAS Jesus	Haines Company, Inc Haines Company, Inc

### 5867 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRENDA VASQUEZ	Cole Information Services
2009	LAURA HERNANDEZ	Cole Information Services
2006	MAGANA Inea	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	LAURA HERNANDEZ	Cole Information Services

### 5915 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a SOWELLS Vincent	Haines Company, Inc

### 5919 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	VINCENT SOWELLS	Cole Information Services
2004	VINCENT SOWELLS	Cole Information Services
1999	VINCENT SOWELLS	Cole Information Services

### 5920 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OLADAPO BABAJIDE	Cole Information Services

### 5940 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CALCUTTA LOCKSMITH	Cole Information Services
	BUDLONG AVENUE ELEMENTARY SCHOOL	Cole Information Services
	LOU DANTZLER PREPARATORY CHARTER ELE	Cole Information Services
2009	LOS ANGELES UNIFID SCHOOL DST	Cole Information Services
2006	SCHOOL	Haines Company, Inc
	ELEMENTARY	Haines Company, Inc
	BUDLONGAVE	Haines Company, Inc
2004	BUDLONG AVE ELEMENTARY SCHOOL	Cole Information Services
1999	BUDLONG AVE ELEMENTARY SCHOOL	Cole Information Services
1933	Budlong Avenue School	Los Angeles Directory Co.

### 5951 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LINCOLN SANABRIA	Cole Information Services
2009	GLORIA SANABRIA	Cole Information Services
2006	a SEDENO Marta	Haines Company, Inc
2004	MARTHA SEDENO	Cole Information Services
1999	GLORIA SANABRIA	Cole Information Services
1937	Casacky Paul mgr C A Casacky	Los Angeles Directory Co.

## FINDINGS

### 5955 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EVELYN ENRIQUEZ	Cole Information Services
2009	EVELYN ENRIQUEZ	Cole Information Services
2006	MORALES Eniquete LUNA Ulla	Haines Company, Inc Haines Company, Inc
2004	MARSHA WAKEFIELD	Cole Information Services
1999	EVELYN ENRIQUEZ	Cole Information Services

### 5961 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MANUEL NAVAS	Cole Information Services
2009	MANUEL ORELLANA	Cole Information Services
2006	CEBALLOS Jose V LOPEZ Horacto	Haines Company, Inc Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MANUEL ORELLANA	Cole Information Services

### 5965 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a GOMEZ Dora	Haines Company, Inc
1924	Kershaw Nancy R wid J R r	Los Angeles Directory Co.

### 6000 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc

### 6001 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a COOPER Tenye	Haines Company, Inc
1924	FREEMAN H A chemist h	Los Angeles Directory Co.

### 6002 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LOUIS DANNER	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	JEFFREY WALTON	Cole Information Services
1929	Widman Hyman L Reva lawyer h	Los Angeles Directory Co. Los Angeles Directory Co.

## FINDINGS

### 6004 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc

### 6005 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CABRERA Dora	Haines Company, Inc
	SMITH Sherman	Haines Company, Inc
	ROBLES Ricardo	Haines Company, Inc
1924	ALEXANDER Ray H slsmn h	Los Angeles Directory Co.

### 6008 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	JOHNSON Elmer E barber h	Los Angeles Directory Co.

### 6010 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	RICARDO ROBLES	Cole Information Services
2006	RIVAS Cados	Haines Company, Inc
2004	CALVIN WATKINS	Cole Information Services
1999	RICARDO ROBLES	Cole Information Services

### 6011 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	S CARRILLO	Cole Information Services
2009	MARIA PINEDA	Cole Information Services
2006	MEJIA Maritza	Haines Company, Inc
	SMITH Sherman	Haines Company, Inc
2004	MARITZA MEJIA	Cole Information Services
1999	MARIA PINEDA	Cole Information Services
1924	Mc CRACKEN J A eng h	Los Angeles Directory Co.

### 6012 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OLIVARES Jose L	Haines Company, Inc
	OLIVARES Jose L	Haines Company, Inc
	OLIVARES Jose L	Haines Company, Inc



## FINDINGS

### 6014 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NATASHA CARTER	Cole Information Services
2009	CARTER NATASHA	Cole Information Services
2006	a CORNELIOUS Donald	Haines Company, Inc
1999	CARTER NATASHA	Cole Information Services

### 6017 S BUDLONG AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FIDEL GUERRA	Cole Information Services
2009	FIDEL GUERRA	Cole Information Services
2006	8 CRUZ Fidel	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
	FIDEL GUERRA	Cole Information Services

### S HALLDALE AVE

#### 5809 S HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	GUILLERMO INGLES	Cole Information Services
2004	GUILLERMO INGLES	Cole Information Services
1999	GUILLERMO INGLES	Cole Information Services

#### 5830 S HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JESSE C CABINET SHOP	Cole Information Services
2009	JOSE RODRIGUES	Cole Information Services
	JESSE C CABINET SHOP	Cole Information Services
2006	JESSEC CABINET	Haines Company, Inc
2004	JESSE C CABINET SHOP	Cole Information Services
1999	JOSES CUSTOM CABINETS	Cole Information Services

#### 5842 S HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VILLA Mayra A	Haines Company, Inc
	SANCHEZ Amoldo	Haines Company, Inc
	LOPEZ G	Haines Company, Inc
2004	CELIA ESCAMILLA	Cole Information Services

## FINDINGS

### 5865 S HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VAZQUEZJuan V	Haines Company, Inc

### 5866 S HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN CHICA	Cole Information Services
2009	RAUL GARCIA	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	RAUL GARCIA	Cole Information Services

### 5869 S HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GARCIA Raul	Haines Company, Inc
	Madrid	Haines Company, Inc
	CRUZ Rosalinda	Haines Company, Inc

### 5905 S HALLDALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o TREJORene	Haines Company, Inc
	SANDOVALFroylan	Haines Company, Inc

### S NARMANDIE AVE

#### 5915 S NARMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ROYS BARBER SHOP	Pacific Telephone

### S NORMAINDE AVE

#### 5501 S NORMAINDE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	FAMILY MARKET	Pacific Bell

### S NORMANDIE AV 1

#### 5841 S NORMANDIE AV 1

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Densley Golden E Gladys liquors	Los Angeles Directory Co.

## FINDINGS

### **S NORMANDIE AV R**

#### **5952 S NORMANDIE AV R**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Brandenburg Anna E baker	Los Angeles Directory Co.

### **S NORMANDIE AV R GARDENA**

#### **5873 S NORMANDIE AV R GARDENA**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Ozvath Alex barber	Los Angeles Directory Co.

### **S NORMANDIE AV TTD ONLY**

#### **5903 S NORMANDIE AV TTD ONLY**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	NORA S BEAUTY SUPPLY	Pacific Bell

### **S NORMANDIE AVE**

#### **5420 S NORMANDIE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SIERRA WATER & SMOKE SHOP	Cole Information Services
2006	CHRST GLRY OF CELESTIAL CH OF	Haines Company, Inc Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1990	HARRIS CHRISTIAN BOOK STORES	Pacific Bell
1986	HARRIS CHRISTIAN BOOK STORES	Pacific Bell
1976	Wilder Lee E pub acct	Pacific Telephone
1942	Juhasz Alex Rose barber	Los Angeles Directory Co.
1937	Juhasz Alex Rosa barber	Los Angeles Directory Co.
1933	Juhasz Alex Rosa barber	Los Angeles Directory Co.
1929	Juhasz Alex Rosa Barber	Los Angeles Directory Co.

#### **5422 S NORMANDIE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	BRI LESCE INC	Cole Information Services
2006	PATIO DOORS SUPER 10 SLIDING	Haines Company, Inc Haines Company, Inc
1986	MILDRED S BEAUTY SALON	Pacific Bell
1981	BEAUTY SALON	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Mildreds Beauty Salon	Pacific Telephone
1942	SCHMIDT Jacob clo clnr	Los Angeles Directory Co.
1937	Wimer John E Florence L clo clnr	Los Angeles Directory Co.
1933	Wimer John E Florence clo clnr	Los Angeles Directory Co.
1929	Cutten Linn F clo clnr	Los Angeles Directory Co.
1924	Salles Alfonso shoe repr	Los Angeles Directory Co.

### 5423 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Pulliam Claude Cath meat ctr	Los Angeles Directory Co.

### 5425 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	NAZIREE FRANKLIN	Cole Information Services
2006	o FRANKLIN Nazfree Jr	Haines Company, Inc
1999	NAZIREE FRANKLIN	Cole Information Services
1990	JONES B	Pacific Bell
1958	Fink Ernest	Pacific Telephone
1942	Pulliam Claud H Kath A	Los Angeles Directory Co.
1937	SCHAFFER Mary Mrs clk	Los Angeles Directory Co.
1933	Salagar Edw Helen A factywkr	Los Angeles Directory Co.
	HOWELL Helen manicurist	Los Angeles Directory Co.
	Howell Chas E Amy teleg opr	Los Angeles Directory Co.
1929	Lower Benj R Ona chiropodist Weaver Jackson Co	Los Angeles Directory Co.

### 5427 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	TOYA JEFFERSON	Cole Information Services
2004	TOYA JEFFERSON	Cole Information Services
1999	TOYA JEFFERSON	Cole Information Services
1994	JOHNSON, ROBERT SR	Cole Information Services
1986	JOHNSON ROBT SR	Pacific Bell
1981	JOHNSON ROBT SR	Pacific Telephone
1976	Johnson Robt S Sr	Pacific Telephone
1933	Lower Ona chiropodist Broadway Dept Store	Los Angeles Directory Co.
	Lower Benj R Ona	Los Angeles Directory Co.
1929	Lauritzen Christie L Sena	Los Angeles Directory Co.
1924	GARDNER Everett P dept mgr Meyer & Talbott Co h	Los Angeles Directory Co.

## FINDINGS

### 5429 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WANDA WASH	Cole Information Services
2009	WANDA WASH	Cole Information Services
1999	WANDA WASH	Cole Information Services
1942	Charvet John J	Los Angeles Directory Co.
	Charvet Anna wid J A	Los Angeles Directory Co.
1937	WILLETT M H slsmn Peerless Lndy	Los Angeles Directory Co.
	WILLETT Geo K	Los Angeles Directory Co.
1929	ANDERSON Aug Alice Anderson & Halcomb	Los Angeles Directory Co.
1924	Foorman Mose H sec treas Merchants Packing Co h	Los Angeles Directory Co.
	Bradley Anna Mrs r	Los Angeles Directory Co.

### 5431 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TIMOTHY WATCH	Cole Information Services
2009	TIMOTHY WATCH	Cole Information Services
2004	TIMOTHY WATCH	Cole Information Services
1999	TIMOTHY WATCH	Cole Information Services
1958	Johnson Bruce R	Pacific Telephone
1937	JOHNSON Robt B Mary l auto mach	Los Angeles Directory Co.
1929	JOHNSON Bruce R Mary mech	Los Angeles Directory Co.
1924	Mara Susan Mrs cook r	Los Angeles Directory Co.
	MURPHY John P slsmn Brunswick Balke Collender Co h	Los Angeles Directory Co.

### 5437 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Treskes Bob Johanna tailor	Los Angeles Directory Co.

### 5501 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FAMILY MARKET	Cole Information Services
2009	FAMILY MARKET	Cole Information Services
2006	FAMILYMARKET	Haines Company, Inc
2004	FAMILY MARKET	Cole Information Services
1999	FAMILY MARKET	Cole Information Services
1990	FAMILY MARKET	Pacific Bell
1981	KIMS MKT	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Georges Mkt	Pacific Telephone
1958	Georges Mkt	Pacific Telephone
1942	GOLDMAN Nat Frieda gro BAKER Edwin L Bertha H meats	Los Angeles Directory Co. Los Angeles Directory Co.
1933	Toupal Henry Louse gro	Los Angeles Directory Co.
1929	ANDERSON & Halcomb Aug Anderson G C Halcomb gro	Los Angeles Directory Co.

### 5507 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DORIS MOLINA DIMAS MARTINEZ BLANCA MARROQUIN MIGUEL JASSO ANDREA DIAZ MARGARITO ALFARO	Cole Information Services Cole Information Services Cole Information Services Cole Information Services Cole Information Services Cole Information Services
2009	MIGUEL JASSO NYDIA PARRA MARGARITO ALFARO	Cole Information Services Cole Information Services Cole Information Services
2004	DIMAS MARTINEZ	Cole Information Services
1999	MIGUEL JASSO NYDIA PARRA MARGARITO ALFARO	Cole Information Services Cole Information Services Cole Information Services
1995	Progressive Motion Inc	Pacific Bell
1976	Middlekauff Robt C	Pacific Telephone
1942	GRANGER John D Theodora E mach WEST Edwin L Ula M carp	Los Angeles Directory Co. Los Angeles Directory Co.
1937	ROSS Helen ROSS Edith EDWARDS Luther M Lucille clk	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.
1933	Dewey David F Josie tel installer	Los Angeles Directory Co.
1929	HUFF Rowand B Thelma mech	Los Angeles Directory Co.

### 5509 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OLGA LAGOS	Cole Information Services
2009	JOSE SOLIS	Cole Information Services
2006	ARGUETA Rosallnda	Haines Company, Inc
2004	ROSA DELEON	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	JOSE SOLIS	Cole Information Services
1976	Pickett Johnnie	Pacific Telephone
1958	Bush Hildrey	Pacific Telephone
1937	BROWN Jos C Mary	Los Angeles Directory Co.
1929	Carpenter A Louise wid D W	Los Angeles Directory Co.

### 5511 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SHERISE MOORE	Cole Information Services
2009	JULIETTE HARRIS	Cole Information Services
2006	FRISCO Marcus	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
	JULIETTE HARRIS	Cole Information Services
1976	Jacobs Ophelia	Pacific Telephone
1958	Nobaa Carlos	Pacific Telephone
1937	REEDY Aldus Fern knitter	Los Angeles Directory Co.
1929	Lederer Lillian C tchr City Sch	Los Angeles Directory Co.
	Lederer Florence G sten	Los Angeles Directory Co.
	Lederer Otto L Elsie	Los Angeles Directory Co.
1924	KNOX Roy A investigator City Planning Comm h	Los Angeles Directory Co.

### 5513 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SHARON GISTARB	Cole Information Services
2009	SHARON GISTARB	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	ROCHELLE HASSON	Cole Information Services
1999	MALLOY JERRY INCOM TAX	Cole Information Services
	SHARON GISTARB	Cole Information Services
1986	GUDINO GUADALUPE	Pacific Bell
1981	CROWDER BEN W	Pacific Telephone
1976	Crowder Ben W	Pacific Telephone
1958	Mancougian Rose	Pacific Telephone
1942	COLE Chas E Elvira A cook	Los Angeles Directory Co.
1937	COLE Chas E Elvira A cook	Los Angeles Directory Co.
1933	GRANT Clyde sign pntr	Los Angeles Directory Co.
	Latimer Donald J slsmn	Los Angeles Directory Co.
1924	Gardner Albt h	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Mc Peek Edna M clk r	Los Angeles Directory Co.

### 5514 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	BEVERLY HILLS SOUTH HI TECHNOLOGY AUTO	Cole Information Services
1994	JERRYS AUTO	Cole Information Services
1990	JERRY S AUTO	Pacific Bell
1981	JERRY S AUTO	Pacific Telephone
	KIEL AUTO SERVICE	Pacific Telephone
1976	KIEL CHEVRON SERV	Pacific Telephone
1958	Kiel Automotive Serv	Pacific Telephone
1942	KAISER & Keel auto repra	Los Angeles Directory Co.
1937	KAISER & Keel L B Kaiser C W Keel auto reprs	Los Angeles Directory Co.
1933	H & M Garage L B Kaiser C W Keel	Los Angeles Directory Co.
1929	KAISER & & Keel L B Kaiser Chas Keal auto repr	Los Angeles Directory Co.

### 5515 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NOLVIA VALLE	Cole Information Services
2009	ISABEL SALGERO	Cole Information Services
2004	NOLVIA VALLE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ISABEL SALGERO	Cole Information Services
1981	WRIGHT LORINE	Pacific Telephone
1976	Wright Lorine	Pacific Telephone
1942	SHEARER Albt N Margt E opt lyr	Los Angeles Directory Co.
1933	Ginman Ell clk UCLA	Los Angeles Directory Co.
	Delock Thos Nellie slsmn	Los Angeles Directory Co.
1924	GILLMAN Marie bkpr Diamond Hardwood Co r	Los Angeles Directory Co.
	GILLMAN F h	Los Angeles Directory Co.

### 5517 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MALLOY JERRY INCOME TAX	Cole Information Services
2006	VALLE No Ma	Haines Company, Inc
	MALLOYJERRY	Haines Company, Inc



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	MALLOY JERRY INCOM TAX	Cole Information Services
1995	Malloy Jerry incom tax	Pacific Bell
1994	JERRY MALLOY TAX SVC	Cole Information Services
1990	MALLOY JERRY INCOM TAX	Pacific Bell
1986	MALLOY JERRY INCOM TAX	Pacific Bell
1981	MALLOY JERRY INCOM TAX	Pacific Telephone
1976	Malloy Jerry rl est	Pacific Telephone
	Kusnir John G rl est	Pacific Telephone
1958	Kusnir John G rl est	Pacific Telephone
	Kusnir John G	Pacific Telephone
1942	PHILLIPS Jas M	Los Angeles Directory Co.
	PHILLIPS Anna E mach opr	Los Angeles Directory Co.
1937	GIBSON Hugh G Marie plmbr	Los Angeles Directory Co.
1924	WALKER Jos J slsmn h	Los Angeles Directory Co.

### 5518 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	KIEL Victor H Louise gas sta	Los Angeles Directory Co.
1937	STANLEY Chas Beatrice gas sta	Los Angeles Directory Co.
1929	HILL V Pierce gas sta	Los Angeles Directory Co.

### 5519 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA ARGUETA	Cole Information Services
2009	JOSE MEMBRENO	Cole Information Services
2006	CLAROS M	Haines Company, Inc
2004	JOSE MEMBRENO	Cole Information Services
1999	JOSE MEMBRENO	Cole Information Services
1994	JAMES, J	Cole Information Services
1981	NICKERSON GERALD L DR	Pacific Telephone
1976	Nickerson Gerald L Dr	Pacific Telephone
1958	Woodard R A	Pacific Telephone
1942	Parrish C Clifford lone F inspr WDO	Los Angeles Directory Co.
	Bensussen Saml	Los Angeles Directory Co.
	Bensussen Niso Anna lab	Los Angeles Directory Co.
1933	GIBSON Marie forwn Ideal Undergarment Co	Los Angeles Directory Co.
	GIBSON Hugh G Marie plmbr	Los Angeles Directory Co.
1924	HOWARD Georgia M steno r	Los Angeles Directory Co.

## FINDINGS

### 5521 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JESUS GRANDE	Cole Information Services
2009	CARLOS GRANDE	Cole Information Services
2006	GRANDE Leopoldo	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	CARLOS GRANDE	Cole Information Services
1990	JEFFERSON CHARLES	Pacific Bell
1986	NICKESON GERALD L MD	Pacific Bell
1958	Rice Hulon	Pacific Telephone
	Pierce Eddie L	Pacific Telephone
	Frazier Anna Mrs	Pacific Telephone
1942	MILLER Geo W Kath	Los Angeles Directory Co.
1937	Zwick Karl Rose shtmtlwkr	Los Angeles Directory Co.
1933	MILLER Winifred sten	Los Angeles Directory Co.
	MILLER Harry L Helen E	Los Angeles Directory Co.
1929	Marcy Eug E Jeanne slsmn D V Dickinson	Los Angeles Directory Co.
	Marcy Gene Jean adv slsmn	Los Angeles Directory Co.
1924	Moon Roy C clk h	Los Angeles Directory Co.

### 5523 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	KATRELL MARQUEZ	Cole Information Services
2009	JORGE OCHOA	Cole Information Services
2004	LORENA MARTINEZ	Cole Information Services
1999	JORGE OCHOA	Cole Information Services
1976	Walkins Henry	Pacific Telephone
1958	Marquez Ignacio G	Pacific Telephone
1942	Hayhurst Warren T Audrey N aircrftwkr	Los Angeles Directory Co.
1937	Moriarty Martin W Irene lab Genl Hosp	Los Angeles Directory Co.
1924	Winchell Geo H jr h	Los Angeles Directory Co.

### 5525 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARTHA PORTILLO	Cole Information Services
2009	PABLO VALLEJOS	Cole Information Services
	VICTOR DELGADO	Cole Information Services
	MIRNA NUNEZ	Cole Information Services
	JULIO MEJIA	Cole Information Services
2004	JUAN BERNAL	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	PABLO VALLEJOS	Cole Information Services
	VICTOR DELGADO	Cole Information Services
	MIRNA NUNEZ	Cole Information Services
	JULIO MEJIA	Cole Information Services
1981	CHAIRES GUADALUPE	Pacific Telephone
1958	Barraza Manuel	Pacific Telephone
1942	Donner A Harry Gladys aircrftwkr	Los Angeles Directory Co.
1933	Ripley Chas H Gladys M chauf	Los Angeles Directory Co.
	Ripley Laura E Mrs	Los Angeles Directory Co.
	Ripley Erma	Los Angeles Directory Co.
1929	Donner Alfd H Gladys pntr	Los Angeles Directory Co.
1924	COOPER S A h	Los Angeles Directory Co.

### 5600 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOHN KO	Cole Information Services
1958	James Serv	Pacific Telephone
1942	Schiess & Pauley Paul Schiess Jas Pauley gas sta	Los Angeles Directory Co.
1937	Rosen Lillian wrapper	Los Angeles Directory Co.
	MELTZER Abr Lillian gas sta	Los Angeles Directory Co.
1933	STAR SUPER SERVICE GAS STATION W H Reasoner	Los Angeles Directory Co.

### 5601 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JEAN BENNETT	Cole Information Services
2009	ALTON FULLER	Cole Information Services
2006	FULLER AJton L	Haines Company, Inc
2004	ALTON FULLER	Cole Information Services
1999	ALTON FULLER	Cole Information Services
1942	Lutjeu Chas W	Los Angeles Directory Co.
1937	Lutjen Chas W	Los Angeles Directory Co.
1933	Letjen Chas W	Los Angeles Directory Co.
	HARCOURT Laura Mrs	Los Angeles Directory Co.
1929	Lutjen Chas W	Los Angeles Directory Co.
1924	MILES Otis E mech h	Los Angeles Directory Co.
	MARSH Geo H order clk E F Hutton & Co r	Los Angeles Directory Co.

## FINDINGS

### 5602 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LARGE FAMILY II	Cole Information Services
1990	ABC COIN LAUNDRY	Pacific Bell
1986	ABC COIN LAUNDRY	Pacific Bell
1976	Quality Washington ington	Pacific Telephone

### 5603 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SANDRA RENEAU	Cole Information Services
2009	ROSHEDA BARRIOS	Cole Information Services
2004	JOEL GORDON	Cole Information Services
1999	ROSHEDA BARRIOS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1981	MCDONALD T	Pacific Telephone
1976	Wright Mary A	Pacific Telephone
1958	Smith John F	Pacific Telephone
1942	MARTIN Caroline H wid A H	Los Angeles Directory Co.
1937	MARTIN Richd lab SP Co	Los Angeles Directory Co.
1933	Orrico Pete Lillie ptrmker	Los Angeles Directory Co.
1924	WALLIS W L foremn h	Los Angeles Directory Co.

### 5604 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	C & M LIQUORS	Pacific Bell
1986	G & M LIQUORS	Pacific Bell
1981	C & M LIQUORS	Pacific Telephone
1976	M & S Liquors	Pacific Telephone

### 5607 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANA MAJANO	Cole Information Services
	LUCIA ROSALES	Cole Information Services
2009	MARIO MEJIA	Cole Information Services
2006	LOPEZ Elmer	Haines Company, Inc
	MALDONADO Aracely	Haines Company, Inc
2004	ELMER LOPEZ	Cole Information Services
	ROSARIO GONZALEZ	Cole Information Services
1999	MARIO MEJIA	Cole Information Services
1981	BLACK LEE	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Feaster Fred	Pacific Telephone
1942	Hoelderle John E USA	Los Angeles Directory Co.
1937	PIERCE Jo Mrs tchr	Los Angeles Directory Co.
	PIERCE Jo Mrs tchr	Los Angeles Directory Co.
	Fowler Artl O jwlr	Los Angeles Directory Co.
1929	Morford Arno R Audrey clk	Los Angeles Directory Co.
1924	PARKS Claude H truck driver h	Los Angeles Directory Co.

### 5609 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FRANCISCO LOPEZ	Cole Information Services
2009	ARACELY MALDONADO	Cole Information Services
2004	SANTOS AYALA	Cole Information Services
1999	ARACELY MALDONADO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	GONZALEZ, ROSARIO	Cole Information Services
1958	Ross Robt L	Pacific Telephone
1942	GILBERT Martha C	Los Angeles Directory Co.
	Kerr Amy B wid W H	Los Angeles Directory Co.
1937	Cardin Dorothy I sten A V Allen	Los Angeles Directory Co.
	Cardine Dorothy I	Los Angeles Directory Co.
	GILBERT Martha C clk Met Water Dist	Los Angeles Directory Co.
1933	Cardin Benj L clk	Los Angeles Directory Co.
	Cardin Dorothy I clk	Los Angeles Directory Co.
	GILBERT Martha C	Los Angeles Directory Co.
1929	Cardin Dorothy I aud Coml Securities Corp	Los Angeles Directory Co.
	GILBERT Martha C Mrs clk	Los Angeles Directory Co.
	PHILLIPS Amy B Mrs clk	Los Angeles Directory Co.
1924	Kirk C H sta installer h	Los Angeles Directory Co.
	Kirk Elsie C slsmn r	Los Angeles Directory Co.

### 5611 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ALFREDO GARCIA	Cole Information Services
2006	GARCIAAlhfedo	Haines Company, Inc
	JOHNS Samuel	Haines Company, Inc
2004	ALFREDO GARCIA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	ALFREDO GARCIA	Cole Information Services
1986	WILLIAMS L	Pacific Bell
1958	Mosgrove Robt W	Pacific Telephone
1937	Riddell Wm K Kath vet	Los Angeles Directory Co.
	RIDELL Wm K vet G C Green	Los Angeles Directory Co.
	SULLIVAN John L vet G C Green	Los Angeles Directory Co.
1933	PAGE Ralph W Eliz mgr Nicholas Beazley Airplane Co	Los Angeles Directory Co.
1929	ALLEN Roy H Mary auto repr	Los Angeles Directory Co.
1924	WILLIAMS Ralph h	Los Angeles Directory Co.

### 5613 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FLORES ELENA	Cole Information Services
2009	ELENA FLORES	Cole Information Services
2006	FLORES Elena	Haines Company, Inc
2004	ELENA FLORES	Cole Information Services
1999	ELENA FLORES	Cole Information Services
1958	Gurrietts Lou Mrs	Pacific Telephone
1942	HENDRIX Charlotte K Mrs bkpr Allen & Huck	Los Angeles Directory Co.
1937	Cullen Melville J Mabel with S A Scherer a Corp	Los Angeles Directory Co.
1933	CULLEN Melville Mabel	Los Angeles Directory Co.
1929	COOKE Julius H Doris eng	Los Angeles Directory Co.
1924	Mac Arthur W J mech h	Los Angeles Directory Co.

### 5615 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CANDIDO CUEVAS	Cole Information Services
2009	VIRGILIO CUEVAS	Cole Information Services
2006	CUEVASCandldo	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	VIRGILIO CUEVAS	Cole Information Services
1942	QUINN Ruth C tchr Pub Sch	Los Angeles Directory Co.
	QUINN T Carson Mrs	Los Angeles Directory Co.
1937	QUINN Ruth W tchr City Sch	Los Angeles Directory Co.
	QUINN Ruth garmt wkr	Los Angeles Directory Co.
1933	QUINN Ruth W tchr City Schs	Los Angeles Directory Co.

## FINDINGS

### 5616 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Custer Harry slsmn h	Los Angeles Directory Co.

### 5619 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PRINCESS HORACE	Cole Information Services
2009	CARMEN HORACE	Cole Information Services
2006	HORACEWilliam	Haines Company, Inc
2004	CARMEN HORACE	Cole Information Services
1999	CARMEN HORACE	Cole Information Services
1958	Horace Wm H	Pacific Telephone
1942	Bower Carlyle Mildred A sta atdt	Los Angeles Directory Co.
1937	BOWER Carlyle Mildred delymn	Los Angeles Directory Co.
	BOWER Carlyle Mildred delymn	Los Angeles Directory Co.
1933	Bower Carlyle L Mildred A	Los Angeles Directory Co.
	Bower Maude K Mrs	Los Angeles Directory Co.

### 5623 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	KEMISHA FIELDS	Cole Information Services
2009	KEMISHA FIELDS	Cole Information Services
2006	FRISCO Marcus	Haines Company, Inc
	PICKETTJune	Haines Company, Inc
2004	LORETTA STEELE	Cole Information Services
1999	KEMISHA FIELDS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1986	INDUSTRIAL COMMERCIAL ELECTRIC CO	Pacific Bell
1981	INDUSTRIAL COMMERCIAL ELECTRIC CO	Pacific Telephone
1976	Industrial Commercial Electric Co	Pacific Telephone
1958	Bobs Auto Repair	Pacific Telephone

### 5700 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CESAR RIVAS	Cole Information Services
2009	CESAR RIVAS	Cole Information Services
2006	RIVAS Cesar	Haines Company, Inc
2004	CESAR RIVAS	Cole Information Services
1999	CESAR RIVAS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	DOWNS STEPHANIE	Pacific Bell
1942	Steiner Frank B Helen mkt mgr Safeway	Los Angeles Directory Co.

### 5701 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BETTYE SEATON	Cole Information Services
2009	KAMARI MUHAMMAD	Cole Information Services
2006	DOUGLAS Tamera	Haines Company, Inc
2004	THOMAS WILLIAMS	Cole Information Services
1999	KAMARI MUHAMMAD	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1942	Erdman Clara A	Los Angeles Directory Co.
	Erdman Linnie E sten	Los Angeles Directory Co.
1937	Erdman Linnie E sten	Los Angeles Directory Co.
1933	Comerford Wm Elen P asst formn LAG & E Corp	Los Angeles Directory Co.
1929	Erdman Linnie E sten	Los Angeles Directory Co.
	Erdman Clara A slsldy	Los Angeles Directory Co.
1924	Erdman Linnie E steno r	Los Angeles Directory Co.
	Heimbach Karl E slsmn r	Los Angeles Directory Co.

### 5704 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE GALLO	Cole Information Services
2009	JOSE GALLO	Cole Information Services
2006	GALLO Jose	Haines Company, Inc
2004	JOSE GALLO	Cole Information Services
1999	JOSE GALLO	Cole Information Services
	JOSE CABRERA	Cole Information Services
1994	HOWELL, NATHAN W SR	Cole Information Services
1990	GREEN JAS	Pacific Bell
	HOWELL N SR	Pacific Bell
1986	GREEN JAS	Pacific Bell
	HOWELL N SR	Pacific Bell
1981	GREEN JAS	Pacific Telephone
1976	Green Jas	Pacific Telephone
1942	ANDERSON Clifford R Viola bkpr	Los Angeles Directory Co.



## FINDINGS

### 5707 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PAMELA THIBODEAUX-TALLEY	Cole Information Services
1958	Thomas Mary Mrs	Pacific Telephone
1942	THOMAS Harold C mldr	Los Angeles Directory Co.
	Conover Wilbur W jr Lewellyne tchr Pub Sch	Los Angeles Directory Co.
	THOMAS Mary wid J C	Los Angeles Directory Co.
1937	THOMAS Mary wid G C	Los Angeles Directory Co.
	THOMAS Harold iron mldr	Los Angeles Directory Co.
	CONOVER Wilbur W jr Lewellyne tecr City Sch	Los Angeles Directory Co.
1933	THOMAS Mary Mrs	Los Angeles Directory Co.
	Conovor Wilbur W jr Lewellyne tchr	Los Angeles Directory Co.
	THOMAS Harold mldr	Los Angeles Directory Co.
	THOMAS Marvel sten	Los Angeles Directory Co.
1924	THOMAS Marcel steno r	Los Angeles Directory Co.
	THOMAS Marvel steno r	Los Angeles Directory Co.
	THOMAS Harold G auto opr r	Los Angeles Directory Co.
	THOMAS Lyla J tchr r	Los Angeles Directory Co.
	THOMAS L Clifford r	Los Angeles Directory Co.

### 5708 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DEBRA RAMIREZ	Cole Information Services
2009	AMANDA KEMP	Cole Information Services
2006	ROUX John	Haines Company, Inc
	KEMP Danl W	Haines Company, Inc
1999	AMANDA KEMP	Cole Information Services
	JOHN ROUX	Cole Information Services
1994	KEMP, DANIEL W	Cole Information Services
1990	KEMP DANL W	Pacific Bell

### 5711 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DANIEL JIMENEZ	Cole Information Services
2009	AMANDA JIMENEZ	Cole Information Services
2006	JIMENEZ Daniel	Haines Company, Inc
2004	DANIEL JIMENEZ	Cole Information Services
1999	AMANDA JIMENEZ	Cole Information Services
1990	FERGUSON DAVID F	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Mendez Albert P	Pacific Telephone
1942	LEONARD Alphonso C Leva	Los Angeles Directory Co.
1937	LEONARD Alfonso C Olivia	Los Angeles Directory Co.
	DAVIDSON Paul G Pacific Paper Cutter Co and dist rep Smith & Sons Corp	Los Angeles Directory Co.
1933	Mc BEAN Ruth O tel opr	Los Angeles Directory Co.
	LEONARD Alphonso C Levi F	Los Angeles Directory Co.
	DAVIDSON Paul G mgr Pacific Paper Cutter Co	Los Angeles Directory Co.
1929	DAVIDSON Paul G Corn Products Co	Los Angeles Directory Co.
1924	DAVIDSON P G cement contr r	Los Angeles Directory Co.

### 5712 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELISA ZAVALA	Cole Information Services
2009	JOSE SUAREZ	Cole Information Services
2006	ZAVALAEIlsa	Haines Company, Inc
2004	ISRAEL GONZALEZ	Cole Information Services
1999	JOSE SUAREZ	Cole Information Services
1994	BARRIOS, PHILIP	Cole Information Services
1990	BARRIOS PHILIP	Pacific Bell
1986	BARRIOS PHILIP	Pacific Bell
1981	BARRIOS PHILIP	Pacific Telephone
1976	Barrios Philip	Pacific Telephone
1958	Barrios Philip	Pacific Telephone
1942	Singleton Geo atdt Dick Bonn	Los Angeles Directory Co.

### 5715 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN MONGE	Cole Information Services
2009	RUTH LOPEZ	Cole Information Services
2006	LOPEZRuth	Haines Company, Inc
2004	RUTH LOPEZ	Cole Information Services
	NATANAEL SANCHEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	RUTH LOPEZ	Cole Information Services
1990	EVERETT MONROE	Pacific Bell
1986	FOSTER WALTER	Pacific Bell
1976	Cooley Lois	Pacific Telephone
1958	Patterson W S	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	BARNES Emery M Leta Z carp	Los Angeles Directory Co.
	BARNES Perry W clk	Los Angeles Directory Co.
	Pullen Bird W Helen M crane opr	Los Angeles Directory Co.
1937	Barnes Emery M Leta carp	Los Angeles Directory Co.
	ROLLINS Kenneth R Louise blue printer Economy Blue Print & Supp Co	Los Angeles Directory Co.
1933	BARNES Emery M Leta Z carp	Los Angeles Directory Co.
	LEONARD Jennie compt opr	Los Angeles Directory Co.
	LEONARD Kath wid J G	Los Angeles Directory Co.
1929	BARNES Emery M Leta carp	Los Angeles Directory Co.

### 5716 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PEDRO GONZALEZ	Cole Information Services
2009	MARTA CAMPOS	Cole Information Services
2006	UMANA Marta	Haines Company, Inc
	GONZALEZPedro	Haines Company, Inc
2004	PEDRO GONZALEZ	Cole Information Services
1999	MARTA CAMPOS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1958	Grant Genevieve Mrs Nurse	Pacific Telephone

### 5717 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HORACE GIBSON	Cole Information Services
2009	HORACE GIBSON	Cole Information Services
2004	JEFFREY COLEY	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	HORACE GIBSON	Cole Information Services
1994	MALONEY, EDDIE	Cole Information Services
1990	MALONEY EDDIE	Pacific Bell
1958	Edwards Thelma L	Pacific Telephone
1937	ZIMMERMAN Leo C batterymn	Los Angeles Directory Co.
	Sarver Byron E Geraldine auto mech	Los Angeles Directory Co.
1933	Sarver H Geraldine Mrs nurse	Los Angeles Directory Co.

### 5719 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CHRISTOPHER KING	Cole Information Services
2009	KENNETH KING	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	POWELLJamar R	Haines Company, Inc
2004	GERALD POWELL	Cole Information Services
1999	KENNETH KING	Cole Information Services
1942	HALE John W Loney V mech	Los Angeles Directory Co.
1937	Broyles Perry H Marjorie lbrwkr	Los Angeles Directory Co.
1933	Dalmon Patricia	Los Angeles Directory Co.
1929	FULLER Chas M Mildred clk	Los Angeles Directory Co.

### 5720 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WILLIE HALL	Cole Information Services
2009	ADA HALL	Cole Information Services
2006	HALL Mae Ada	Haines Company, Inc
2004	ADA HALL	Cole Information Services
1999	ADA HALL	Cole Information Services
1958	Abrams Upholstering Shop	Pacific Telephone

### 5721 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Reed Jas	Pacific Telephone
1942	Amstutz Heber F Mary M mot pict opr	Los Angeles Directory Co.
1933	ADAMS Paul L Edna M florist	Los Angeles Directory Co.

### 5723 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	King Earl E sign pntr	Los Angeles Directory Co.

### 5725 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	AGNES NAIL SHOP	Cole Information Services
1976	Blue Goose Cafe	Pacific Telephone
1958	Tastee Slice Cake Co	Pacific Telephone

### 5726 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	SMART & FINAL	Cole Information Services
1994	SMART&FINAL	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SMART & FINAL IRIS CO L A CASH AND CARRY STORES	Pacific Bell
1981	SMART & FINAL IRIS CO L A CASH & CARRY STORES	Pacific Telephone
1976	Smart & Final Iris Co grocs L A Cash & Carry Stores	Pacific Telephone

### 5727 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	RIGOS UPHOLSTERY	Cole Information Services
2006	UPHOLSTERY	Haines Company, Inc
	RIGOS	Haines Company, Inc
2004	RIGOS UPHOLSTERY	Cole Information Services
1999	RIGOS UPHOLSTERY	Cole Information Services

### 5729 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	O & M NEW ORLEANS FISH MARKET	Pacific Telephone
1976	O & M New Orleans Fish Market	Pacific Telephone

### 5802 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	EDGAR ROMERO	Cole Information Services
1999	EDGAR ROMERO	Cole Information Services

### 5803 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	HILLCO E R Hill Building Materials by the Pound or Carload	Los Angeles Directory Co.
1937	SMITH John J Laura roofer	Los Angeles Directory Co.
1929	CENTRAL Bldg Material Co Abr Frilot pres Hamilton Frilot sec treas	Los Angeles Directory Co.

### 5807 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	O'Hearn Edw V depy sheriff	Los Angeles Directory Co.
1924	SADLER Julia M clk r	Los Angeles Directory Co.

### 5810 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	V FLORES	Cole Information Services
	BLANCA SANCHEZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PINEDAS SEWING CONTRACTOR	Cole Information Services
	RIGOBERTO MARTINEZ	Cole Information Services
	E RAYO	Cole Information Services
	MARIO GRIMALDI INTERNATIONAL	Cole Information Services
2009	ENS FEATHER & DOWN INC	Cole Information Services
	S G QUALITY FURNITURE	Cole Information Services
	JOEL ORTIZ	Cole Information Services
	EL RINCON DE LAS DELICIAS	Cole Information Services
	AUGUST & ALLEN	Cole Information Services
	GLORIAS FASHIONS	Cole Information Services
	MARIO GRIMALDI INTERNATIONAL	Cole Information Services
	PINEDAS SEWING CONTRACTOR	Cole Information Services
	JULIO AGUILAR	Cole Information Services
	RIGOBERTO MARTINEZ	Cole Information Services
	ALFONSO RAMOS	Cole Information Services
	JOSE ESCARENO	Cole Information Services
	DOUBLE AA & S FURNITURE	Cole Information Services
	SCHACHPH INC	Cole Information Services
2006	INTERNATIONAL	Haines Company, Inc
	MARTINEZLetcla	Haines Company, Inc
	ORTIZ JOEL	Haines Company, Inc
	PEREZ RICARDO	Haines Company, Inc
	PINEDAS SEWING	Haines Company, Inc
	CONTRACTOR	Haines Company, Inc
	RAMOS Alfonso	Haines Company, Inc
	RELIABLE	Haines Company, Inc
	GARMENT	Haines Company, Inc
	RODRIGUEZ Benlto	Haines Company, Inc
	SG QUALITY	Haines Company, Inc
	FURNITURE	Haines Company, Inc
	BUILDING	Haines Company, Inc
	AUGUST&ALLEN	Haines Company, Inc
	BENNY'S FASHION	Haines Company, Inc
	DOUBLEAA&S	Haines Company, Inc
	FURNITURE	Haines Company, Inc
OK FASHION 323 751 817 B	Haines Company, Inc	
GLORIAS FASHIONS	Haines Company, Inc	
MARIO GRIMALOI	Haines Company, Inc	

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JOEL ORTIZ	Cole Information Services
	DAVID LIPPMAN	Cole Information Services
	MGM UPHOLSTERERS	Cole Information Services
	RANNY CORP	Cole Information Services
	DE LAS D EL RINCON	Cole Information Services
	PINEDA SEWING CONTRACTORS	Cole Information Services
	MON CORP	Cole Information Services
	HELMAR FASHION INC	Cole Information Services
1999	MON CORP	Cole Information Services
	DOUBLE AA & S FURNITURE	Cole Information Services
	ALFONSO RAMOS	Cole Information Services
	PINEDAS SEWING CONTRACTOR	Cole Information Services
	FAST GARMENT INCORPORATED	Cole Information Services
	YIREH FASHIONS	Cole Information Services
	LORE'S FASHIONS	Cole Information Services
	RUIZ ALEJANDRA	Cole Information Services
	GLORIA'S FASHION	Cole Information Services
	JUDY SPORTSWEAR	Cole Information Services
	WESTSIDE BUSINESS SYSTEMS	Cole Information Services
	AGUILARS FASHIONS	Cole Information Services
	JULIO AGUILAR	Cole Information Services
	RIGOBERTO MARTINEZ	Cole Information Services
	JOSE ESCARENO	Cole Information Services
	MONIQUE FASHIONS	Cole Information Services
1994	FRANCO, BLANCA L	Cole Information Services
	MAGANA FASHION	Cole Information Services
	AMERICAN BELTS	Cole Information Services
	DAZZLE IMAGES	Cole Information Services
	DESIGN FASHION	Cole Information Services
	SANTIAGOS FASHIONS	Cole Information Services
	HOLLYWOOD DESINGER FURNITURE	Cole Information Services
	D N CUTTING SVC	Cole Information Services
	IDALIAS FASHION	Cole Information Services
	TRENDS FASHION	Cole Information Services
	DON MANUEL SEWING	Cole Information Services
	FRANCO BLANCA L	Cole Information Services
	MYCO FASHIONS	Cole Information Services
	AUSA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	JUAREZ FASHIONS	Cole Information Services
	THELMAS FASHION	Cole Information Services
	AMPARO FASHIONS	Cole Information Services
	GOLDEN ANGEL FASHIONS	Cole Information Services
	PINEDAS SEWING CONTRACTOR	Cole Information Services
	TASITO SPORTSWEAR	Cole Information Services
	PASSION DULCE	Cole Information Services
1990	CLARE KEVIN	Pacific Bell
	DABIRI GROUP INC THE	Pacific Bell
	DABIRI GROUP INC THE	Pacific Bell
	DABIRI GROUP INC THE	Pacific Bell
	LOS ANGELES PARTY TEAM THE	Pacific Bell
	SECURITY FIRST CONSTRUCTION	Pacific Bell
	UCR	Pacific Bell
1986	CUSTOM GAMES	Pacific Bell
	KENT RECORDS & TAPE	Pacific Bell
	MODERN MUSIC PUBLISHING CO	Pacific Bell
1981	BRIGHT ORANGE RECRDS PHONGRPH	Pacific Telephone
	CADET RECORDS INC	Pacific Telephone
	CUSTOM GAMES	Pacific Telephone
	CUSTOM RECORD MFG CO	Pacific Telephone
	CUSTOM TAPE DUPLICATORS	Pacific Telephone
	KENT RECORDS & TAPES	Pacific Telephone
	MODERN MUSIC PUBLISHING CO	Pacific Telephone
	MODERN RECORDS	Pacific Telephone
	UNITED RECORDS & TAPE	Pacific Telephone
	1976	CADET RECORDS INC
Camco		Pacific Telephone
Continental Records Mfg Co		Pacific Telephone
Crestwood Tapes		Pacific Telephone
Crown Records		Pacific Telephone
CUSTOM RECORD MFG CO		Pacific Telephone
CUSTOM TAPE DUPLICATORS		Pacific Telephone
Cycle Accessories Mfg Co		Pacific Telephone
Grenade Records		Pacific Telephone
Kent Records & Tapes		Pacific Telephone
Modern Music Publishing Co		Pacific Telephone
Modern Records		Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Music Trends	Pacific Telephone
	Racing Cycles Internatl	Pacific Telephone
1960	TOPS RECORDS	Pacific Telephone
1958	Cavendish Record Mfg Co	Pacific Telephone
	Precision Radiation Instrument Inc	Pacific Telephone
	Radio Craftsmen	Pacific Telephone
	Tops Music Enterprises Inc of Calif	Pacific Telephone
1942	Ostrow Seniel Dorothy mattress mfr	Los Angeles Directory Co.
1937	DIXON Henry P Marie doors	Los Angeles Directory Co.
1933	AMERICAN Door & Mfg Co H Dixon mgr	Los Angeles Directory Co.
	DIXON Harold M Dixon & Chase	Los Angeles Directory Co.
	DIXON & CHASE H W Dixon E W Chase Woodworking Machinery Liquidiations Offices	Los Angeles Directory Co.
1924	AMERICAN MANUFACTURING CO F A Dixon Pres H P Dixon Gen Mgr Manufacturers of Detail Sash and Doors American Ironing Board Cabinet and Millwork	Los Angeles Directory Co.

### 5813 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	HILL Edgar R Dora O bldg matls	Los Angeles Directory Co.

### 5815 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOAQUIN CORREA	Cole Information Services
	L & D ALUMINUM DOORS	Cole Information Services
2009	L & D WELDING	Cole Information Services
2006	DOORS	Haines Company, Inc
	L&DALUMINUM	Haines Company, Inc
	WROUGHT IRON CO	Haines Company, Inc
	K & M WELDING	Haines Company, Inc
	CHURCH	Haines Company, Inc
	EMBAJADA DE O IOS	Haines Company, Inc
2004	L & D ALUMINUM DOORS	Cole Information Services
	K & M WELDING WROUGHT IRON CO	Cole Information Services
1999	K & M WELDING WROUGHT IRON COMPANY	Cole Information Services
	EMBAJADA DEDIOS	Cole Information Services
1994	VILLA FURNITURE	Cole Information Services
	RIGOS UPHOLSTERY	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	K & M WELDING WROUGHT IRON CO	Cole Information Services
1990	ECUAX MANUFACTURING	Pacific Bell
	K & M WELDING WROUGHT IRON CO	Pacific Bell
	RIGO S UPHOLSTERY	Pacific Bell
1986	FIVE STAR PRODUCTIONS	Pacific Bell
1960	HILLICO INC BLDG MTRLS	Pacific Telephone
	HILLCO INC BLDG MTRLS	Pacific Telephone
1958	Barnard Fred S masonry contr	Pacific Telephone
	HILLCO INC bldg mtrls	Pacific Telephone
1924	CENTRAL BUILDING MATERIAL CO Abe and Hamilton Frilot Building Materials Plaster Lime Cement Lath Rock Sand and Putty	Los Angeles Directory Co.

### 5819 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	JOHNSON Wm A cbtmkr	Los Angeles Directory Co.

### 5825 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	MATHEWS Reamy Edna barber	Los Angeles Directory Co.
1933	DANIELS Saml A Loretta barber	Los Angeles Directory Co.

### 5829 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SAM S AUTO	Pacific Bell

### 5830 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	COFFEY Jas P barber	Los Angeles Directory Co.

### 5840 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDWARD BROOKS	Cole Information Services
2009	EDWARD BROOKS	Cole Information Services
2004	J LEE	Cole Information Services
1999	EDWARD BROOKS	Cole Information Services
1976	Locus Rosie	Pacific Telephone
1933	SQUIRES Richd A Mercy B slsmn	Los Angeles Directory Co.
1929	HUFF J Harold	Los Angeles Directory Co.
	HUFF Jennie T wid Jas W	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Burchfield Raymond O lab r	Los Angeles Directory Co.
	Burchfield Bernard lab h	Los Angeles Directory Co.

### 5841 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Mecca Cafe	Pacific Telephone
1942	Filtzer Francis W Gladys restr	Los Angeles Directory Co.
1933	DESCHAIINE Roy Dorothy restr	Los Angeles Directory Co.

### 5842 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	PRIOR Chas B Mrs mgr Fox Normandie Apts	Los Angeles Directory Co.

### 5843 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SEVENTY SEVENTH LIQUOR	Pacific Bell
1986	T-SHIRT CITY	Pacific Bell
	NORMANDIE LIQUOR STORE	Pacific Bell
1981	NORMANDIE LIQUOR STORE	Pacific Telephone
1976	Normandie Liquor Store	Pacific Telephone
1958	Normandie Liquor Store	Pacific Telephone

### 5845 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Rizzo Vincent G Liquors	Los Angeles Directory Co.

### 5847 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	FAYS OF CALIF LADIES FASHIONS	Pacific Bell
1942	Buonrigo Chas gro	Los Angeles Directory Co.

### 5849 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Petes Spaghetti House	Pacific Telephone
1942	Cuccio John Mary restr	Los Angeles Directory Co.
1937	Cuccio Peter liquors	Los Angeles Directory Co.

### 5851 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	CRESCENDO PATIO	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Crescendo Patio	Pacific Telephone

### 5859 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Irish Gilbert pharm P O Mc Nutt	Los Angeles Directory Co.

### 5860 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EVELYN ROJAS	Cole Information Services
2009	ROBERTO CHUN	Cole Information Services
2006	ROCHELLE Carmen	Haines Company, Inc
1999	ROBERTO CHUN	Cole Information Services
1937	Garrison Emma F Mrs	Los Angeles Directory Co.
	Garrison Jack E baker	Los Angeles Directory Co.
1933	BRYANT Omer Laura slsmn	Los Angeles Directory Co.
1924	WATSON Jas L h	Los Angeles Directory Co.

### 5861 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ANA HERNANDEZ	Cole Information Services
2006	WILLHAMS John Jr	Haines Company, Inc
2004	JOHN WILLIAMS	Cole Information Services
1999	ANA HERNANDEZ	Cole Information Services
1958	Riley Lillian	Pacific Telephone
1942	Lammers Henry H Theresa carp	Los Angeles Directory Co.
1929	Feather Robt C Margt	Los Angeles Directory Co.
	Feather Esie clk	Los Angeles Directory Co.
1924	Soucie Virgil W carp h	Los Angeles Directory Co.

### 5862 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1986	SAM S AUTO	Pacific Bell
1981	SAMS AUTO	Pacific Telephone
1958	Bunn Jas rl est	Pacific Telephone
	Meyers Dorothy	Pacific Telephone
	Meyers Dorothy Meyers & King Real Estate	Pacific Telephone
	Meyers & King Real Estate	Pacific Telephone

## FINDINGS

### 5863 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LIVING TRUTH CHRSTN	Haines Company, Inc Haines Company, Inc
2004	DELORIS HARRIS	Cole Information Services
1999	LIVING TRUTH CHRISTIAN FELLOWSHIP	Cole Information Services
1994	ANGELS MISSIONARY BAPTIST CHR LIVING TRUTH CHRSTN	Cole Information Services Cole Information Services
1990	ANGEL S MISSIONARY BAPTIST CHURCH	Pacific Bell
1986	ANGEL S MISSIONARY BAPTIST CHURCH	Pacific Bell
1981	MISSIONARY BAPTIST CHURCH OF L	Pacific Telephone
1976	Powell G Willian Rev Christian Missionary Baptist Church  Church	Pacific Telephone  Pacific Telephone
1937	Haig & Haig Co V B and R B Haig water filters	Los Angeles Directory Co.
1933	Weisberger Harry Celia plmbr	Los Angeles Directory Co.

### 5864 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JULIAN ARAGON	Cole Information Services
1994	NEW SAINT JOSEPH BAPTIST CHR	Cole Information Services
1990	NEW ST JOSEPH MISSIONARY BAPTIST CHURCH THE	Pacific Bell
1976	Robinson Jas E	Pacific Telephone

### 5865 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Pentecostal Mission	Los Angeles Directory Co.
1924	SHAW Frank D electr h	Los Angeles Directory Co.

### 5867 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SMITH JEWEL L	Pacific Bell
1942	ACME PHOTO SERVICE E R Oulmet Everything in Photography Portraits Kodaks and Supplies Commercial Photography Photo Finishing We Also Operate a Camera Club	Los Angeles Directory Co.
1933	DAVIS Burt Harriett fruit	Los Angeles Directory Co.
1929	Hinsch Henry Henrietta meats	Los Angeles Directory Co.

## FINDINGS

### 5869 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MCCREARY Kenneth	Haines Company, Inc
1981	CONTINENTAL WHEEL & TRAILER CO	Pacific Telephone
	ASHER AUTOMOTIVE DISTRIBUTING CO	Pacific Telephone
	CONTINENTAL TRAILER & PARTS CO	Pacific Telephone
1976	Continental Trailer & Parts Co	Pacific Telephone
	Continental Wheel & Trailer Co	Pacific Telephone
	Asher Automotive Distributing Co	Pacific Telephone
1933	Hinsch Henry Henrietta meats	Los Angeles Directory Co.

### 5870 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	NOBLE Mina Mrs Curtis & Noble	Los Angeles Directory Co.
	CURTIS & Noble F A Curtis Mrs Mine Noble	Los Angeles Directory Co.
	CURTIS Fred A Curtis & Noble	Los Angeles Directory Co.

### 5871 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Sunshine Cleaners	Pacific Telephone
1942	Majors Walter D Linnie clo clnr	Los Angeles Directory Co.

### 5872 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CHAVEZ Eduardo	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1986	TRUE VINE HOLINESS CHURCH	Pacific Bell
1981	LITTLE ZION APOSTOLIC CHURCH	Pacific Telephone

### 5873 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	LIVING TRUTH CHRISTIAN	Cole Information Services
1958	Stellas Beauty Salon	Pacific Telephone
1937	Pinkerton Jos H Nella B beauty shop	Los Angeles Directory Co.
1929	DEAN Orville Mabel barber	Los Angeles Directory Co.

### 5875 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Christian Missionary Baptist Church Of Los Angeles Inc Annex	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	REINER Jos M Gertrude E confy	Los Angeles Directory Co.
1933	Whitnah Margt wid Frank bakery	Los Angeles Directory Co.

### 5900 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OOPS MARKET	Cole Information Services
2009	EPPS	Cole Information Services
2004	EPPS MARKET	Cole Information Services
1994	EPPS MARKET	Cole Information Services

### 5901 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	PUPUSERIA Y RESTAURANTE AMAPULAPA	Cole Information Services
	SENSUNTE RESTAURANT INC	Cole Information Services
	U MARKET	Cole Information Services
2006	SENSUTE RESTAURANT	Haines Company, Inc
2004	SABINO CEDANO	Cole Information Services
1986	TED S GLASS CO JACOBS ERROR	Pacific Bell
1981	TED S GLASS CO JACOBS ERROR	Pacific Telephone
1976	Shanklins Fashions	Pacific Telephone
1937	SMITH Wm T Mary E hdwe	Los Angeles Directory Co.
1933	SMITH Wm T Mary E hdw	Los Angeles Directory Co.

### 5903 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	NORAS FLOWER SHOP & BEAT SP AURO INSURANCE AGENCY	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	NORAS FLOWER SHOP	Cole Information Services
1994	NORAS BEAUTY SUPPLY NORAS FLOWER SHOP	Cole Information Services
1990	NORAS FLOWER SHOP	Pacific Bell
1986	NORA S BEAUTY SUPPLY NORAS FLOWER SHOP	Pacific Bell
1981	NORA S FLOWER SHOP	Pacific Telephone
1976	NORAS FLOWER SHOP	Pacific Telephone

## FINDINGS

### 5905 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Cantaceesi Ralph Eva gro	Los Angeles Directory Co.
1937	Cromwall Harold May meats	Los Angeles Directory Co.
	Pennachio Tony gro	Los Angeles Directory Co.
1933	Callis Geo Nicoletta gro	Los Angeles Directory Co.
	Dechant Aug Emily meats	Los Angeles Directory Co.
1929	Pencho Antoine Jennie gro	Los Angeles Directory Co.

### 5907 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Charlenes Beauty Salon	Pacific Telephone
1942	Rizzotti Michl Phena barber	Los Angeles Directory Co.

### 5908 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSEPH LIGGINS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	EPPS	Haines Company, Inc
2004	EPPS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1990	EPPS JOHN JR	Pacific Bell
1986	EPPS JOHN JR	Pacific Bell
1981	EPPS JOHN JR	Pacific Telephone
1976	Epps John Jr	Pacific Telephone

### 5909 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FAMILY NUTRITIONAL CENTER	Cole Information Services
2006	OKEYMARKET	Haines Company, Inc
1999	HOMES MARKET	Cole Information Services
1994	GREATER LFE BAPT CH	Cole Information Services
1990	KIM S HOWARD DRY CLEANING	Pacific Bell
1986	HOWARDS CLEANERS	Pacific Bell
1981	HOWARD S CLEANERS	Pacific Telephone
1976	Howards Cleaners	Pacific Telephone
	Howards Cleaners	Pacific Telephone
1958	Nahama Albert J	Pacific Telephone
1942	NELSON Harry L Evelyn D lather	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	NELSON Harry L lather	Los Angeles Directory Co.
	NELSON H Robt mach	Los Angeles Directory Co.
1933	NELSON Harry F	Los Angeles Directory Co.
	NELSON Harry L lather	Los Angeles Directory Co.
1929	NELSON Harry L Edna lather	Los Angeles Directory Co.
1924	NELSON H L lather h	Los Angeles Directory Co.

### 5910 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MICHELLE VERNON	Cole Information Services
2009	MICHELLE VERNON	Cole Information Services
2006	VERNON Michelle	Haines Company, Inc
2004	ROSALIA BALANOS	Cole Information Services
1999	MICHELLE VERNON	Cole Information Services

### 5912 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	TEE SHIRT TOWN	Cole Information Services
2006	o STIFTWilla B	Haines Company, Inc
2004	WILLA STIFT	Cole Information Services
1981	LYONS DOUGLAS F	Pacific Telephone
1976	Lees Electronics	Pacific Telephone

### 5915 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HAPPY LAUNDRY	Cole Information Services
1986	ROYS BARBER SHOP	Pacific Bell
1976	Roys Barber Shop	Pacific Telephone
1958	Towne Cleaners & Dyers	Pacific Telephone
1942	REEVES Jesse W Joan clo clnr	Los Angeles Directory Co.
1937	Leclair Shop Mrs L V Ellis Mrs C D Selander dry gds	Los Angeles Directory Co.
1933	Linden Willard	Los Angeles Directory Co.
1929	Linden Mamie wid G E dry gds	Los Angeles Directory Co.

### 5917 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MR C S VACUUM REPAIR SERVICE	Pacific Bell
1986	LAMBERT S VACUUM CLEANER & SEWING MACHINE SHOP	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	LAMBERT S VACUUM CLEANER & SEWING MACHINE SHOP	Pacific Telephone
1976	Rohans Sewing Machine Repair Shop	Pacific Telephone
	Rohans Vacuum Cleaner Shop	Pacific Telephone
1958	Rohans Vacuum Cleaner Slop	Pacific Telephone
1942	WILEY Mary A waiter	Los Angeles Directory Co.
	WILEY Mary E Mrs restr	Los Angeles Directory Co.
	WILEY Theo C Mary E mtrmn	Los Angeles Directory Co.
1937	Dumpert Frank L Josephine A exp	Los Angeles Directory Co.
	Dumpert Josephine A Mrs clo clnr	Los Angeles Directory Co.
1929	Douglas Don G police	Los Angeles Directory Co.

### 5919 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	DILWORTH BARGAIN SPOT	Pacific Bell
1981	LEE S RECORDS	Pacific Telephone
1942	Jerrue Mary Mrs beauty shop	Los Angeles Directory Co.
1937	Rizzotti Michl Petrina barber	Los Angeles Directory Co.
1933	Rizzotti Michl Katrina barber	Los Angeles Directory Co.
	Donofrio Jos Rose shoe repr	Los Angeles Directory Co.
1929	PINKERTON Jos H Nellie barber	Los Angeles Directory Co.
	Donofrio Jose Rose shoe repr	Los Angeles Directory Co.

### 5920 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1990	LOS ANGELES AUTO BROKERS	Pacific Bell
1976	Brian D Kelseys Termite & Pest Control Co	Pacific Telephone
	Brians Pest Control	Pacific Telephone
1958	Kelsey Termite Control Co	Pacific Telephone
	KELSEYS TERMITE CONTROL CO	Pacific Telephone
1942	REED Ralph R Eliz phys	Los Angeles Directory Co.

### 5921 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	LAMBERT S BAR-B-Q	Pacific Telephone
1958	Hal Schatz Hobby Distrs	Pacific Telephone
	Schatz Hal Hobby Distrs	Pacific Telephone
1942	Ninomiya Takeo Shizuko fruits	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	JOHNSON Herman R Myrtle meats	Los Angeles Directory Co.
	Milgrom Benj Eva gro	Los Angeles Directory Co.

### 5923 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	THRIFTY COIN LAUNDRY	Cole Information Services
1994	COIN LAUNDRY	Cole Information Services
1981	THRIFTY WASH	Pacific Telephone
1958	Rainbow Inn The cafe	Pacific Telephone
1942	Heil Fred J drugs	Los Angeles Directory Co.
1937	JOHNSON Clarence L drugs	Los Angeles Directory Co.
1933	Wimer Homer C Grace drugs	Los Angeles Directory Co.
1929	WIMERS PHARMACY Homer E Wimer Mgr Prescription Druggists	Los Angeles Directory Co.

### 5927 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JOHNSON ROBT SR	Pacific Bell

### 5950 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EAST TO WEST FISH MARKET	Cole Information Services
2004	EAST WEST FISH MARKET	Cole Information Services
1999	EAST WEST FISH MARKET	Cole Information Services
1994	EAST WEST FISH MARKET	Cole Information Services
1986	EAST WEST FISH MARKET	Pacific Bell
1981	OCEAN S BLUE FISH SHANTY	Pacific Telephone
1958	Bailey Don E & Associates precsn gauges	Pacific Telephone
	Bailey Don E & Associates airframe	Pacific Telephone
	Bailey & Associates airframe	Pacific Telephone
1956	SIEWEK TOOL CO	Pacific Telephone
1942	COOK Margt beauty shop	Los Angeles Directory Co.
1933	BROWN Geo L Mary E confr	Los Angeles Directory Co.

### 5951 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Cassady Geo E Eliz phys	Los Angeles Directory Co.
1929	Burwell Lorus C Jessie phys	Los Angeles Directory Co.

## FINDINGS

### 5952 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	HARRIS Eves L Mrs baker	Los Angeles Directory Co.
1933	Wickstrom Minnie beauty opr	Los Angeles Directory Co.
	SMITH Cora C Mrs beauty shop	Los Angeles Directory Co.

### 5954 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1990	ROSS & WILLIAMS BARBER SHOP	Pacific Bell
1986	ROSS & WILLIAMS BARBER SHOP	Pacific Bell
1981	ROSS & WILLIAMS BARBER SHOP	Pacific Telephone
1976	Ross & Williams Barber Shop	Pacific Telephone
1942	Brandenburg Carl F constrwkr	Los Angeles Directory Co.
1937	Kinley Lillian M Mrs drsmkr	Los Angeles Directory Co.
1933	WATSON Chas A barber	Los Angeles Directory Co.

### 5956 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Kalustian Victor S Rosie shoe repr	Los Angeles Directory Co.

### 5958 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MEMES LITTLE MARKET	Cole Information Services
2009	DOBSONS DRY CLEANERS	Cole Information Services
2006	EASTWEST FISH	Haines Company, Inc
2004	DOBSONS DRY CLEANERS	Cole Information Services
	HOWARD GLEN	Cole Information Services
1994	GLEN, HOWARD	Cole Information Services
1990	GLEN HOWARD	Pacific Bell
1986	LA DISCOUNT STORES	Pacific Bell
1981	BOB S RECORD SHOP	Pacific Telephone
1976	Thrill Seekers Motorcycle Club	Pacific Telephone
1958	Guys Liquor Store	Pacific Telephone
1942	Di Giuro Guy Carmela liquors	Los Angeles Directory Co.
1937	Monfrida Victor liquors	Los Angeles Directory Co.

### 5959 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Temple C Lewis May M real est	Los Angeles Directory Co.

## FINDINGS

### 5960 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	HOOPERS SECRETARIAL SERVICE	Cole Information Services
1990	MR CLYDE S SERVICE CLEANERS	Pacific Bell
1986	SERVICE CLEANERS	Pacific Bell
	MR CLYDE S SERVICE CLEANERS	Pacific Bell
1981	SERVICE CLEANERS	Pacific Telephone
	SAMUEL CLYDE C CLNRS & INDRY	Pacific Telephone
1976	Samuel Clyde C clnrs & Indry	Pacific Telephone

### 5961 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	KWONGS MKT	Pacific Bell
1986	KWONG S MKT	Pacific Bell
1981	KWONG S MKT	Pacific Telephone
	HOMCO	Pacific Telephone
1976	Kwongs Mkt	Pacific Telephone
1958	Enoch L B & Associates	Pacific Telephone

### 5962 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SALON	Haines Company, Inc
	Mir S BEAUTY 323 753 S	Haines Company, Inc
	INTL BEAUTY	Haines Company, Inc
	SALON	Haines Company, Inc
2004	MTS BEAUTY SALON	Cole Information Services
1999	INTERNATIONAL BEAUTY SALON	Cole Information Services
	M TS BEAUTY SALON	Cole Information Services
1994	ESTELLES BEAUTY SHOP	Cole Information Services
1990	ESTELLES BEAUTY SHOP	Pacific Bell
1986	ESTELLE S BEAUTY SHOP	Pacific Bell
1981	BEAUTY SHOP	Pacific Telephone
1976	Estelles Beauty Shop	Pacific Telephone
1958	Webb Vernell	Pacific Telephone
	Mc Cabe Druetta J Realty Co	Pacific Telephone
1942	La Duke Geneva Mrs	Los Angeles Directory Co.
1937	La Duke Jennie Mrs	Los Angeles Directory Co.
	ERICKSON Ralph T teleg opr	Los Angeles Directory Co.
1933	BROWN Louise A nurse	Los Angeles Directory Co.

## FINDINGS

### 5972 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BEATRIZ MENDEZ	Cole Information Services
	COREY SIMS	Cole Information Services
	BRIDGIT LEGENESS	Cole Information Services
2009	LAUREN HOWARD	Cole Information Services
	ANTOINETTE HAYWARD	Cole Information Services
1999	LAUREN HOWARD	Cole Information Services
	ANTOINETTE HAYWARD	Cole Information Services
1990	GUY S LIQUOR STORE	Pacific Bell
1986	GUY S LIQUOR STORE	Pacific Bell
1981	GUY S LIQUOR STORE	Pacific Telephone
1976	Guys Liquor Store	Pacific Telephone

### 6001 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JALISCOS TIRES	Cole Information Services
	LORENZOS SMOG CHECK	Cole Information Services
2009	LORENZOS SMOG CHECK	Cole Information Services
2006	CHECK	Haines Company, Inc
	LORENZOS SMOG	Haines Company, Inc
2004	LORENZOS SMOG CHECK	Cole Information Services
	LORENZO DOROTEO	Cole Information Services
1994	WATSON AUTOBODY SHP	Cole Information Services
	TONYS DISCOUNT TRANSMISSION	Cole Information Services
1991	Tonys Discount Transmission Service	Pacific Bell
	TONY S DISCOUNT TRANSMISSION SERVICE	Pacific Bell
1990	PROFESSIONAL AUTO REPAIR	Pacific Bell
1986	WATSON S TOWING SERVICE	Pacific Bell
1981	WATSON S TOWING SERVICE	Pacific Telephone
	ALLEN RICHARD AUTO REPR	Pacific Telephone
1976	La Monte & Sons Tire Co	Pacific Telephone
1942	REICH Lloyd J Louise gas sta	Los Angeles Directory Co.
	Gruhler Clyde electn	Los Angeles Directory Co.
1937	REICH Lloyd J Louise auto repr	Los Angeles Directory Co.
	Boklo Dolph Sadie gas sta	Los Angeles Directory Co.
1933	Vandervort Glenn E Pauline gas sta	Los Angeles Directory Co.
	Boklo Dolph Sadie gas	Los Angeles Directory Co.

## FINDINGS

### 6003 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	JOHNSON Chas E Anna auto repr	Los Angeles Directory Co.

### 6010 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CHRISTCOMM	Haines Company, Inc
	TRUTH CHRCH	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	IGLS DE DIO SPTM DIA PLBR DE	Cole Information Services
1994	CHRIST COMMUNITY TRUTH CHURCH	Cole Information Services
1990	CHRIST COMMUNITY TRUTH CHURCH	Pacific Bell
1986	CHRIST COMMUNITY TRUTH CHURCH INC	Pacific Bell
1981	CHRIST COMMUNITY TRUTH CHURCH INC	Pacific Telephone
1976	Christ Community Truth Church Inc	Pacific Telephone
1958	Elgin Water Conditioning	Pacific Telephone
	Kieley & Muller Inc pressure regltrs	Pacific Telephone
	Nurnberg Scientific Thermometer Co	Pacific Telephone
	Penn Industrial Flowmeter Co	Pacific Telephone
	Weiss Industrial Thermometer Co	Pacific Telephone
	Zallea Bros expansion Joints	Pacific Telephone
	Blaw Knox Pipe Hangers	Pacific Telephone
	Bogart Bullock Co mfts agts	Pacific Telephone
	Davis Continuous Analyzer Co	Pacific Telephone
1942	BOGART Arnold	Los Angeles Directory Co.
	BOGART Esther P Mrs osteo	Los Angeles Directory Co.

### 6011 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	CENTRAL SERVICE STATION E R Voorhees	Los Angeles Directory Co.

### 5507 1/2 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	MIDDLEKAUFF ROBT C	Pacific Telephone

## FINDINGS

### **S NORMANDLE AVE**

#### **5950 S NORMANDLE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	EAST WEST FISH MARKET	Pacific Bell

#### **6001 S NORMANDLE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	PROFESSIONAL AUTO REPAIR	Pacific Bell

### **S NORMANRDIE AVE**

#### **5956 S NORMANRDIE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	NEW FASHIONS	Pacific Bell

### **S NORMNANDIE AVE**

#### **5725 S NORMNANDIE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BLUE GOOSE CAFE	Pacific Telephone

### **S NORMONDIE AVE**

#### **5719 S NORMONDIE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JACKSON J	Pacific Bell

### **SLAUSON AVE W**

#### **1146 SLAUSON AVE W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Hannigan Alice Mrs r	Pacific Telephone & Telegraph Co.

#### **1154 SLAUSON AVE W**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PARK Young YOUNG SOOK PARK	Haines & Company
1951	W Slausn Construction Bldrs	Pacific Telephone & Telegraph Co.
	W Slausn Home Heating Co	Pacific Telephone & Telegraph Co.



## FINDINGS

### 1200 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 1201 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Saroyan Lumbr Co	Pacific Telephone & Telegraph Co.

### 1204 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	AQUINO Gregono	Haines & Company

### 1206 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W Slausn Jeffers P A r	Pacific Telephone & Telegraph Co.

### 1212 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	THE BUSINESS NAME	Haines & Company
1951	W Slausn Luther Automotive Serv	Pacific Telephone & Telegraph Co.

### 1216 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RAPIO PLATING CO	Haines & Company
1951	W Slausn Norman Sheet Metal Co	Pacific Telephone & Telegraph Co.

### 1224 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W Slausn Adams Motor & Elec Serv	Pacific Telephone & Telegraph Co.
	W Slausn Adams Elec & Motor Serv	Pacific Telephone & Telegraph Co.

### 1232 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TOWN WASH LAUNDRY	Haines & Company
1951	W Slausn Vesta Mach Co	Pacific Telephone & Telegraph Co.

### 1236 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Savage Michael Higgins Mfg Co	Pacific Telephone & Telegraph Co.
	W Slausn Savich Joseph Higgins Mfg Co	Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Spiral Paper Tube & Core Co	Pacific Telephone & Telegraph Co.

### 1238 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DONALD Shelly VILLA FIRNITURE	Haines & Company

### 1240 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	FOREMAN Gary	Haines & Company
	FREETOWN AUTO CENTER	Haines & Company
1951	W Slausn Rupard Sterling r	Pacific Telephone & Telegraph Co.

### 1244 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DONALD Shelly	Haines & Company
1951	W Slausn Precision Radio Products Co	Pacific Telephone & Telegraph Co.

### 1248 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Av Shipman Harold D r	Pacific Telephone & Telegraph Co.

### 1252 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BARBER John	Haines & Company

### 1256 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	AMADOR Javier HRAHEPA Mana C	Haines & Company
1951	W Slausn Peters David B r	Pacific Telephone & Telegraph Co.

### 1258 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Cate Loren R r	Pacific Telephone & Telegraph Co.

### 1300 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	THOMAS Clarence	Haines & Company
1951	W Slausn Orwan Roofing Co	Pacific Telephone & Telegraph Co.
	W Slausn Gage P K Orwan Roofing Co	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1302 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	THOMAS CLARENCE	Haines & Company
1951	W Slausn Klimist Mfg Co	Pacific Telephone & Telegraph Co.

### 1303 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W Slausn U Ni Matic Heating Systems Inc	Pacific Telephone & Telegraph Co.

### 1304 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WELLS George	Haines & Company
	WELLS SEWER & DRN SV	Haines & Company

### 1328 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	AMER LAB & SYSTEMS	Haines & Company
	CURRY Mike	Haines & Company
1951	W Slausn Adesco Inc	Pacific Telephone & Telegraph Co.

### 1332 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CURRY Mike	Haines & Company
1951	W Slausn Av R M S Honing Co	Pacific Telephone & Telegraph Co.

### 1336 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 1344 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SOUTHWEST PLATING	Haines & Company
1951	W Slausn Southwest Plating Co sales ofc	Pacific Telephone & Telegraph Co.
	W Slausn Southwest Plating Co plant	Pacific Telephone & Telegraph Co.
	W Slausn Av Southwest Plating Co	Pacific Telephone & Telegraph Co.

### 1348 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn A B C Wiping Materials	Pacific Telephone & Telegraph Co.
	W Slausn A B C Wiping Materials	Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Tubin R B A B C Wiping Materials	Pacific Telephone & Telegraph Co.

### 1360 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
	WEALTH CODE	Haines & Company

### 1400 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LEES SHEEP SKIN	Haines & Company
	HOAROS MUFFLER	Haines & Company
	HOARD George	Haines & Company
1951	W Slausn Young Walter R serv stn	Pacific Telephone & Telegraph Co.
	W Slausn Ely Jack Garage	Pacific Telephone & Telegraph Co.

### 1406 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W Slausn Hill Sprinkler Co	Pacific Telephone & Telegraph Co.
	W Slausn Thompson J T Hill Sprinkler Co	Pacific Telephone & Telegraph Co.

### 1410 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ABIDING LOVE CHRSTN	Haines & Company
1951	W Slausn Strongcraft Products Inc wire prods	Pacific Telephone & Telegraph Co.

### 1412 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 1416 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	P JS WAREHOUSE	Haines & Company

### 1418 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	POLK Percy	Haines & Company
1951	W Slausn May Bell Art Stone Co	Pacific Telephone & Telegraph Co.
	W Slausn De Luxe Incinerator Fctry	Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Art Stone Co May Bell Art Stone Co	Pacific Telephone & Telegraph Co.

### 1420 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WOODWORKS & WROUGHT IRON SHOP	Haines & Company
	SANKEY Leah	Haines & Company
1951	W Slausn Strongcraft Company dairy eq	Pacific Telephone & Telegraph Co.

### 1424 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ART AND SIGNS TRAINING SCHOOL	Haines & Company
	SANKEY Leah	Haines & Company

### 1430 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DAVIS Daniel	Haines & Company

### 1434 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DAVIS DANL D JR DVM	Haines & Company
	SLAUSON AV ANML HSP	Haines & Company
1951	W Slausn Wolcott L B Wolcott Dog & Cat Hospital	Pacific Telephone & Telegraph Co.
	W Slausn Wolcott Dog & Cat Hospital	Pacific Telephone & Telegraph Co.
	W Slausn Wilcox K R Dr Wolcott Dog & Cat Hospital	Pacific Telephone & Telegraph Co.

### 1438 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Av Poist Tool Co	Pacific Telephone & Telegraph Co.

### 1440 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Kelsey Plumbng	Pacific Telephone & Telegraph Co.
	W Slausn Kelsey Guy F Kelsey Plumbng	Pacific Telephone & Telegraph Co.

### 1442 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SANKEy Leah	Haines & Company
1951	W Slausn Kelsey Guy F used watr heatrs	Pacific Telephone & Telegraph Co.

## FINDINGS

### 1446 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CRUZ Juan	Haines & Company
	SANKEY Leah	Haines & Company
1951	W Slausn Av Nep Tuna Fishing Tackle	Pacific Telephone & Telegraph Co.

### 1448 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SANKEY Leah	Haines & Company

### 1452 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SANKEY Leah	Haines & Company
1951	W Slausn Rodoco Pet & Food Store	Pacific Telephone & Telegraph Co.

### 1453 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SANKEY Leah	Haines & Company

### 1458 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BUXTON PLASTICS INC	Haines & Company
1951	W Slausn Av Laminated Plastic Applicators	Pacific Telephone & Telegraph Co.

### 1500 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PEOPLE WHO CARE YOUTH CENTER	Haines & Company
1951	W Slausn Ex Cell O Corp dairy eq	Pacific Telephone & Telegraph Co.

### 1502 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	W Slausn Thie Von Engrng Co	Pacific Telephone & Telegraph Co.
	W Slausn Air Speed Tool Co	Pacific Telephone & Telegraph Co.

### 1504 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

## FINDINGS

### **W 55TH**

#### **1144 W 55TH**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ANTHONY DAVID	Pacific Bell
1986	ANTHONY DAVID	Pacific Bell
1981	ANTHONY DAVID	Pacific Telephone
1971	Anthony David	Pacific Telephone
1937	Peratis Florence	Los Angeles Directory Co.
	Peratis Jas clk	Los Angeles Directory Co.
	Peratis Mala slswn	Los Angeles Directory Co.
	Peratis Spreo Constanenie	Los Angeles Directory Co.
	Peratis Thos chauf	Los Angeles Directory Co.
1933	Peratis Spiro Constantino gro	Los Angeles Directory Co.
1929	Peratis Spiro A Constantinia gro	Los Angeles Directory Co.
	Spratis S K gro h	Los Angeles Directory Co.
1924	r	Los Angeles Directory Co.
	Spratis S gro h	Los Angeles Directory Co.

#### **1145 W 55TH**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HARRIS REMUS	Pacific Bell
	HARRIS R O REV	Pacific Bell
1986	HARRIS R O REV	Pacific Bell
	HARRIS REMUS	Pacific Bell
1981	HARRIS R O REV	Pacific Telephone
	HARRIS REMUS	Pacific Telephone
1971	Harris Remus	Pacific Telephone
1962	Harris Remus	Pacific Telephone
1942	Shultz Miriam E clk	Los Angeles Directory Co.
	Shultz Harry E	Los Angeles Directory Co.
	Shultz Harry C Helen M aud A W Schaller	Los Angeles Directory Co.
1937	WHITE Jos A Helen F	Los Angeles Directory Co.
	DAVIS Robt E Alberta driver	Los Angeles Directory Co.
1933	WILLIAMS Ely R enameler	Los Angeles Directory Co.
	WILLIAMS Eli	Los Angeles Directory Co.
	TURNER Mabel Mrs housekpr	Los Angeles Directory Co.
1929	WILLIAMS Eli R Ella furn fnshr h	Los Angeles Directory Co.
	WILLIAMS E R enameler r	Los Angeles Directory Co.
1924	WILLIAMS E R fnshr h	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	WILLIAMS Ely R fnshr r	Los Angeles Directory Co.

### 1149 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	YOUNG JAS MRS	Pacific Bell
1986	YOUNG JAS MRS	Pacific Bell
1981	YOUNG JAS MRS	Pacific Telephone
1971	Young Jas Mrs	Pacific Telephone
1962	Young Jas Mrs	Pacific Telephone
1942	Haney Bernard C Helen aircrftwkr	Los Angeles Directory Co.
	KLINER Murble G Ethel asst cash Window B Felix Co	Los Angeles Directory Co.
	OSBORNE Clara B Mrs	Los Angeles Directory Co.
	OSBORNE Frank M potterywkr	Los Angeles Directory Co.
	OSBORNE John R potterywkr	Los Angeles Directory Co.
1937	MORRIS Jas L Mabel B	Los Angeles Directory Co.
	MORRIS Jas L jr macb	Los Angeles Directory Co.
	MORRIS M Lillian	Los Angeles Directory Co.
	MORRIS Naomi E	Los Angeles Directory Co.
1933	Snarr Ida M sten	Los Angeles Directory Co.
	Snarr Roy D Ida M truckmn LAG & E Corp	Los Angeles Directory Co.
1929	Bank Mads C Petrea	Los Angeles Directory Co.
1924	Sechrist Chester A clk Ry M S h	Los Angeles Directory Co.

### 1152 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BROOKS A D REV	Pacific Telephone
	BROOKS MARY	Pacific Telephone
1971	Brooks A D Rev	Pacific Telephone
	Brooks Mary	Pacific Telephone
1962	Aparicio Joe	Pacific Telephone
1942	SMART Lillian Mrs clk	Los Angeles Directory Co.
	Solomonson Bessie Mrs	Los Angeles Directory Co.
1937	BLUE Elmer C Blue & Hagans	Los Angeles Directory Co.
	Smart Lillian M clk	Los Angeles Directory Co.
	Solomonson Bessie wid Ole	Los Angeles Directory Co.
1933	BLUE Elmer C Frances A Tagans & Blue	Los Angeles Directory Co.
1929	BLUE Elmer C Frances barber	Los Angeles Directory Co.
1924	BLUE Elmer C dept mgr Ambassador Hotel h	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Bleue E C mgr h	Los Angeles Directory Co.

### 1155 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	JOHNSON LEO C	Pacific Telephone
1971	Johnson Leo C	Pacific Telephone
1962	Autor Leon	Pacific Telephone
1942	BEATTY Lavina T wid Jos	Los Angeles Directory Co.
	HOUSER John carp	Los Angeles Directory Co.
1937	Beatty Ethel I mlnr	Los Angeles Directory Co.
	Beatty Lavina T wid J W	Los Angeles Directory Co.
1933	Beatty Ethel mlnr	Los Angeles Directory Co.
	Beatty Jos W Lavina electn	Los Angeles Directory Co.
1929	BEATTY Jos W Lavina formn SCECo	Los Angeles Directory Co.
	FORBES Jas R Helen wtchmn	Los Angeles Directory Co.
	Beatty Ethel mlnr	Los Angeles Directory Co.
1924	TAYLOR Wm G printer r	Los Angeles Directory Co.
	BEATTY Jos W electr h	Los Angeles Directory Co.
	BEATTY Helen r	Los Angeles Directory Co.
	Baskerville Harry H sec Baskerville Audit Co h	Los Angeles Directory Co.
	BEATTY Ethel r	Los Angeles Directory Co.

### 1157 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	DOZIER THELMA	Pacific Bell
1986	DOZIER THELMA	Pacific Bell
1981	DOZIER THELMA	Pacific Telephone
	DOZIER THELMA	Pacific Telephone
1971	Dozier Thelma	Pacific Telephone
1942	Cornwall Donald Roberta electn	Los Angeles Directory Co.
1937	Glassburn Ellen sten Ingersoll Rand Co	Los Angeles Directory Co.
	Bonnell Ellen F clk	Los Angeles Directory Co.
	Bonnell Frances A wid J P	Los Angeles Directory Co.
	Glassburn Eliz	Los Angeles Directory Co.
1933	Hagerman Elsie L tel opr	Los Angeles Directory Co.
	Hagerman Evelyn M sten	Los Angeles Directory Co.
	Hagerman John Mary H formn LARy Corp	Los Angeles Directory Co.
	Hagerman John H car repr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	HAGERMAN Wm H radio techn	Los Angeles Directory Co.
1929	Benes Frank J supvr Su Broadway Terminal Bldg	Los Angeles Directory Co.
1924	Dingeman H H slsmn Rice Dorland & Burk r	Los Angeles Directory Co.
	Dingeman Lloyd clk r	Los Angeles Directory Co.
	Dingeman Wm L cashr treas Cal Fruil Growers Exchange h	Los Angeles Directory Co.
	Larkin B R clk r	Los Angeles Directory Co.
	VAN NESS Hazel M steno r	Los Angeles Directory Co.

### 1200 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BASS JAS B	Pacific Telephone
1971	Bass Jas B	Pacific Telephone
1962	Bass Jas B	Pacific Telephone
1942	BAIRD Linda	Los Angeles Directory Co.
1937	SCHARFF John C Magdalena	Los Angeles Directory Co.
	BAIRD Selden N Linda S	Los Angeles Directory Co.
1933	BAIRD Selden N Linda	Los Angeles Directory Co.
1929	BAIRD Sheldon N Linda	Los Angeles Directory Co.
1924	BAIRD Selden N chf clk C M & St P Ry h	Los Angeles Directory Co.

### 1208 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BROOKS JIMMIE L	Pacific Telephone
1971	Jackson Mattie M	Pacific Telephone
	Jackson Nora	Pacific Telephone
1962	OSullivan Michael J	Pacific Telephone
	Altman Howard B	Pacific Telephone
1937	Langton Wm B Lois H electn	Los Angeles Directory Co.
1933	HAGER Chas J	Los Angeles Directory Co.
1929	Ketchum Edw S Fern slsmn Ketchum Bros	Los Angeles Directory Co.
1924	MUELLER Max O aud Don Lee r	Los Angeles Directory Co.

### 1209 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	HARRIS ETHEL	Pacific Bell
1937	FOGEL Sylvia waiter	Los Angeles Directory Co.
	Chambers Grace L	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	KING Jas W Maude typewriter mech Office Mach Co	Los Angeles Directory Co.
1929	Lay Edith tchr City Sch	Los Angeles Directory Co.
	Lay Malinda wid J F	Los Angeles Directory Co.

### 1211 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JOHNSON INEZ	Pacific Bell
1986	JOHNSON CLIFFORD W	Pacific Bell
1981	JOHNSON INEZ	Pacific Telephone
1971	Thrunton Merle L Mrs	Pacific Telephone
	Morrell Stella	Pacific Telephone
1962	Thruston Bertram	Pacific Telephone
1942	Igo Frank Ellida S	Los Angeles Directory Co.
1937	KLEIN Ralph Georgana	Los Angeles Directory Co.
1933	KLEIN Ralph Georgia	Los Angeles Directory Co.
1929	KLEIN Ralph Georgiana cloak mfr	Los Angeles Directory Co.
1924	KLEIN Ralph mgr Bon Marelie h	Los Angeles Directory Co.

### 1218 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	OWENS THOMAS	Pacific Bell
1986	OWENS THOMAS	Pacific Bell
1981	OWENS THOMAS	Pacific Telephone
1942	COLE Margt J bkpr Petrol Corp	Los Angeles Directory Co.
	STEWART Geo C Mary	Los Angeles Directory Co.
	COLE Oliver W Jane meat ctr	Los Angeles Directory Co.
1937	LEWIS Joe A musician	Los Angeles Directory Co.
	BEAN Kathryn T wid Jos clk County Charities	Los Angeles Directory Co.
	Lewis Chas B Eila V gas sta opr	Los Angeles Directory Co.
1933	BRUNNER Veronica M sten	Los Angeles Directory Co.
	BRUNNER Margt wid Andw	Los Angeles Directory Co.
	BRUNNER Lawrence E lab	Los Angeles Directory Co.
1929	BRUNNER Veronica M clk	Los Angeles Directory Co.
	BRUNNER Margt wid Andw	Los Angeles Directory Co.
	BRUNNER Lawrence E clk	Los Angeles Directory Co.
1924	BRUNNER Lawrence E mech r	Los Angeles Directory Co.
	BRUNNER L lab r	Los Angeles Directory Co.
	BRUNNER Margt Mrs h	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	BRUNNER Veronica M bkpr r	Los Angeles Directory Co.
	Loter Saille B r	Los Angeles Directory Co.

### 1219 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	WALKER SIMMIE L RL EST	Pacific Bell
	WEST 55TH STREET CHURCH OFFICE	Pacific Bell
1962	Graham Mena	Pacific Telephone
1942	BIRD Louisa Mrs	Los Angeles Directory Co.
1937	Kleinpeter Lester J Rose C teller Calif Bank	Los Angeles Directory Co.
1933	Ebinghausen Ethel Mrs	Los Angeles Directory Co.
	Klene Margt C housekpr	Los Angeles Directory Co.
	MILLER Eva Mrs	Los Angeles Directory Co.
	Wigard Edith bkpr Fredk OBrien Varnish Wks	Los Angeles Directory Co.
1929	Wigard Edith Mrs bkpr h	Los Angeles Directory Co.
1924	Wigard Edith Mrs r	Los Angeles Directory Co.
	Ebbighausen Chas mech r	Los Angeles Directory Co.
	Miller Aug Mrs r	Los Angeles Directory Co.

### 1227 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BIRNIE GEO W	Pacific Bell
1986	BIRNIE GEO W	Pacific Bell
1981	GEO W	Pacific Telephone
1971	Birnie Geo W	Pacific Telephone
1962	Becker Addie M Mrs	Pacific Telephone
	Birnie Geo W	Pacific Telephone
1942	Birnie Frieda wid Jas	Los Angeles Directory Co.
	Birnie Gilbert	Los Angeles Directory Co.
	LANE C E	Los Angeles Directory Co.
1937	Birnie Geo W dispr Barker Bros	Los Angeles Directory Co.
	Birnie Gilbert R	Los Angeles Directory Co.
	Birnie Jas Elfrieda	Los Angeles Directory Co.
1933	BIRNIE Geo dispr Barker Bros	Los Angeles Directory Co.
	BIRNIE Jas Elfreda batterymn	Los Angeles Directory Co.
1929	BIRNIE G msgnr	Los Angeles Directory Co.
	BIRNIE Jas Elfrieda batterymn	Los Angeles Directory Co.
1924	Birnie Jas electr h	Los Angeles Directory Co.

## FINDINGS

### 1231 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	MOORE JOHNNY	Pacific Telephone
1962	Willis Hattie	Pacific Telephone
1942	Landolt Harvey Mabel ptrnmkr	Los Angeles Directory Co.
1937	DAVIDSON Leland C Minnie firemn LAFD	Los Angeles Directory Co.
	SPENCER Ruth M Mrs	Los Angeles Directory Co.
1933	CALDWELL Wade L Elaine C clk Ralphs	Los Angeles Directory Co.
	PURCELL Elmer N Anna slsmn N Y Life Ins Co	Los Angeles Directory Co.
1929	Montour Alf W Tera elev opr	Los Angeles Directory Co.
	Montour Alf W jr Vivian clk	Los Angeles Directory Co.
	Montour Mildred sten	Los Angeles Directory Co.
	Van Houw John D Marie h	Los Angeles Directory Co.
1924	Wattam Pauline steno r	Los Angeles Directory Co.
	Wattam Lou E slsmn h	Los Angeles Directory Co.
	Wattam Clarice clk r	Los Angeles Directory Co.
	Watham Pauline steno r	Los Angeles Directory Co.

### 1234 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ROBERSON ERMA MRS	Pacific Bell
1986	ROBERSON ERMA MRS	Pacific Bell
1981	ROBERSON ERMA MRS	Pacific Telephone
1971	Roberson Erma Mrs	Pacific Telephone
1962	Roberson Erma Mrs	Pacific Telephone
1942	Hennessey Donald aircrftwkr	Los Angeles Directory Co.
	Hennessey Richd aircrftwkr	Los Angeles Directory Co.
	LAMBERT Thos J Ellen aircrftwkr	Los Angeles Directory Co.
1937	LAMBERT Thos W car repr	Los Angeles Directory Co.
1933	Mc KIM Theo Minnie bkpr	Los Angeles Directory Co.
1929	Mc KIM Theo T clk	Los Angeles Directory Co.
1924	NASH John L slsmn Potter & Smith h	Los Angeles Directory Co.

### 1238 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	DIXON L F	Pacific Bell
1986	DIXON L F	Pacific Bell
1981	DIXON L F	Pacific Telephone
1971	Dixon Lulu F Mrs	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Issberner Paul C Sr	Pacific Telephone
1942	NEAL Verl police	Los Angeles Directory Co.
	NEAL Edna Mrs	Los Angeles Directory Co.
1937	Chase Clyde H Myrtle M plshr	Los Angeles Directory Co.
1933	NIEMANN Andw F Margene drftsmn Union Oil Co	Los Angeles Directory Co.
1929	Wuesthoff Fred Eda mach h	Los Angeles Directory Co.
1924	COCHRAN Harry M Cochran Hardware & Implement Co h	Los Angeles Directory Co.

### 1243 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MYERS HELEN	Pacific Bell
1986	MYERS HELEN	Pacific Bell
1981	MYERS HELEN	Pacific Telephone
	MYERS HELEN	Pacific Telephone
1971	Myers Edgar	Pacific Telephone
1962	Myers Edgar	Pacific Telephone
1942	CORNWELL Wayne D Charlotte meat ctr CORNWELL Oliver P pntr	Los Angeles Directory Co. Los Angeles Directory Co.
1937	Plapus Michl T cook	Los Angeles Directory Co.
1933	Plapes Michl T Cook	Los Angeles Directory Co.
1929	Plapas Michl T Mary cook	Los Angeles Directory Co.
1924	Plapes Mike cook r Plabis Michael cook h	Los Angeles Directory Co. Los Angeles Directory Co.

### 1244 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	WASHINGTON BOOKER T	Pacific Bell

### 1246 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WASHINGTON BOOKER T	Pacific Bell
1981	WASHINGTON BOOKER T	Pacific Telephone
1971	Washington Booker T	Pacific Telephone
1962	Grella Gerard	Pacific Telephone
1942	Grella Gerard Amelia	Los Angeles Directory Co.
1937	Grella John clk Grella Gerardo Amelia jan L A G & E Corp	Los Angeles Directory Co. Los Angeles Directory Co.
1933	Grella Gerardo Emilia jan LAG & E Corp	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Grella Gerardo Emilia jan LAG & E Corp	Los Angeles Directory Co.
1924	RESSLER J W ins h	Los Angeles Directory Co.

### 1247 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	SMITH JOHN LEE	Pacific Telephone
1942	TURNER Norman M Corabelle acct Pub Sch	Los Angeles Directory Co.
1937	Ganzenmuller John	Los Angeles Directory Co.
	Primixl John Kate cbtmkr	Los Angeles Directory Co.
	Primixl Gus cbtmkr	Los Angeles Directory Co.
1933	Schaal Chas F Bess M	Los Angeles Directory Co.
1929	HENDERSON Ralph L Myrtle drugs	Los Angeles Directory Co.
1924	NEFF Margt r	Los Angeles Directory Co.
	NEFF Arthur V asst gen mgr Paige Co h	Los Angeles Directory Co.

### 1250 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Johnson Tessie Lee	Pacific Telephone
1942	Lemont Willis B Celia carrier PO	Los Angeles Directory Co.
1937	Nobeck Chas E	Los Angeles Directory Co.
1933	Nobeck Chas Mamie	Los Angeles Directory Co.
1929	OWENS Leland G lunches	Los Angeles Directory Co.
	Nobeck Chas E Mary	Los Angeles Directory Co.
1924	Hooth Mary Mrs r	Los Angeles Directory Co.

### 1251 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Billiard Doretha	Pacific Telephone
1962	Billiard Doretha	Pacific Telephone
1942	Primixi John Kath cbt mkr	Los Angeles Directory Co.
1937	JOHNSON Fred J Rose E radio repr	Los Angeles Directory Co.
1933	MASON Jas C Sarah clk	Los Angeles Directory Co.
	Mason Alf	Los Angeles Directory Co.
1929	Kern Wm Alice dept mgr Sears Roebuck & Co	Los Angeles Directory Co.
1924	HARRIS Chas P dentist h	Los Angeles Directory Co.

### 1254 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	THOMAS NATHAN E	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	THOMAS NATHAN E	Pacific Bell
1981	THOMAS NATHAN	Pacific Telephone
1971	Thomas Nathan E	Pacific Telephone
1962	Hinds Kenneth L	Pacific Telephone
1942	FREDERICKS John H lab	Los Angeles Directory Co.
	Hemmele Harold H Eliz teller B of A	Los Angeles Directory Co.
1937	Le Mont Willis E Celia carrier PO	Los Angeles Directory Co.
1933	Havelock Frank meat ctr	Los Angeles Directory Co.
	Topel Henry Louise gro	Los Angeles Directory Co.
	Toupal Henry Louse gro	Los Angeles Directory Co.
1929	Mc CARTY Lea F musician	Los Angeles Directory Co.
	Mc CARTY Del Grace ins agt	Los Angeles Directory Co.
1924	GRAY Grace r	Los Angeles Directory Co.
	Mc CARTY Lee F r	Los Angeles Directory Co.

### 1255 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BANKS LORI	Pacific Telephone
1971	Strong John A	Pacific Telephone
1962	Strong John A	Pacific Telephone
1942	KERN Wm H	Los Angeles Directory Co.
	PAULSON Tillie Mrs	Los Angeles Directory Co.
1937	PAULSON John Tillie	Los Angeles Directory Co.
	PAULSON Stanley pharm	Los Angeles Directory Co.
1933	Paulson John Tillie fl lyr	Los Angeles Directory Co.
	PAULSON Stanley pharm	Los Angeles Directory Co.
	PAULSON Stanley pharm	Los Angeles Directory Co.
1929	Paulson Stanley E clk	Los Angeles Directory Co.
	Paulson John lab	Los Angeles Directory Co.
1924	PAULSON John lab h	Los Angeles Directory Co.
	PAULSON Stanley clk r	Los Angeles Directory Co.

### 1261 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Dunn Gaynell M	Pacific Telephone
1962	Young Maudell	Pacific Telephone
1942	NOLAN Frances R play leader CRD	Los Angeles Directory Co.
	NOLAN Myrtle wid Edw	Los Angeles Directory Co.
1937	NOLAN Margt L sten	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	NOLAN Margt L stan	Los Angeles Directory Co.
	NOLAN Myrtle wid Edw	Los Angeles Directory Co.
	NOLAN Frances R	Los Angeles Directory Co.
1933	PAYNE J Thos archt	Los Angeles Directory Co.
1929	Rutz Danl Bertha plstr h	Los Angeles Directory Co.
1924	Ferguson Arthur J real est h	Los Angeles Directory Co.

### 1263 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Mitchell Eleanor	Pacific Telephone
1942	JUDD Wm K Della	Los Angeles Directory Co.
1937	Parmer Frank meat ctr	Los Angeles Directory Co.
1933	Ressler Jacob W Ada ins agt	Los Angeles Directory Co.
	WALKER Walter Jessie	Los Angeles Directory Co.
1929	BLAKE Rosaltha A wid I H	Los Angeles Directory Co.
	SHORT Lydie S Mrs office asst C A Williams r	Los Angeles Directory Co.
1924	HOUSTON Raymond H line supt S C E Co h	Los Angeles Directory Co.

### 1300 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WASHINGTON JAS	Pacific Bell
1986	WASHINGTON JAS	Pacific Bell
1981	WASHINGTON JAS	Pacific Telephone
1971	Washington Jan	Pacific Telephone
1962	Malin Wm G	Pacific Telephone
1942	Malin Bethany nurse	Los Angeles Directory Co.
	Malin Donna M tel opr	Los Angeles Directory Co.
	Malin John G chauf	Los Angeles Directory Co.
	Malin Lawrence W msngr	Los Angeles Directory Co.
	Malin Wm G Mabel	Los Angeles Directory Co.
	Storms Carole Mrs	Los Angeles Directory Co.
1937	SHEPARD Fredk H Rose A	Los Angeles Directory Co.
1933	SHEPARD Fred M Rose A real est	Los Angeles Directory Co.
1929	h	Los Angeles Directory Co.
	SHEPARD Fred M jr lab r	Los Angeles Directory Co.
	Glensor Saml H slsmn F M Shepard	Los Angeles Directory Co.
	SHEPARD Fred M Rose real est	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

## FINDINGS

### 1301 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MARTIN MAMMIE	Pacific Bell
1986	MARTIN MAMMIE	Pacific Bell
1981	MARTIN MAMMIE	Pacific Telephone
1971	Martin Mammie	Pacific Telephone
1962	Nepp John	Pacific Telephone
1942	HUNT Clifford B Mattie osteo	Los Angeles Directory Co.
	HUNT Dorothy sten	Los Angeles Directory Co.
1937	HOWELL Chas E Amy teleg opr WUTCo	Los Angeles Directory Co.
1933	Iscowitz Leo	Los Angeles Directory Co.
	Iscowitz Nathan Clara	Los Angeles Directory Co.
	Iscowitz Wm tmpkr	Los Angeles Directory Co.
1929	Iscowitz Emanuel bkpr MNT & S Bank	Los Angeles Directory Co.
	Iscowitz Nathan Clara clo clnr	Los Angeles Directory Co.
	Iscowitz Wm clk	Los Angeles Directory Co.
1924	Doolittle Arthur G slsmn h	Los Angeles Directory Co.
	DOOLITTLE Irene R Mrs asst sec Mutual Credit Bureau r	Los Angeles Directory Co.

### 1305 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WESLEY JOHN	Pacific Bell
1981	WESLEY BILLE	Pacific Telephone
1971	Wesley John	Pacific Telephone
1962	Jones Eunice S	Pacific Telephone
	Glascoe Jayne	Pacific Telephone
1942	Martiensen Peter J Julia	Los Angeles Directory Co.
1937	Martiensen Peter J Julia L	Los Angeles Directory Co.
1933	Birkett Wm Hilda	Los Angeles Directory Co.
1929	Mertiensen Peter J C Julia	Los Angeles Directory Co.

### 1308 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HILL LEATRUCE	Pacific Bell
1986	HILL LEATRUCE	Pacific Bell
1981	HILL LEATRICE	Pacific Telephone
1971	Gatliff Edna Mae Watson	Pacific Telephone
1942	Baldrige Arth S aircrftwkr	Los Angeles Directory Co.
	SIMPSON Ronald clk	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Towers Chas L Netty V lab	Los Angeles Directory Co.
1937	Towers Chas L Natalie V game warden State Div of Fish & Game	Los Angeles Directory Co.
1933	Towers Chas L Natalie dep State Div of Fish Gamne	Los Angeles Directory Co.
	TOWERS Lauren	Los Angeles Directory Co.
1929	MANNING Fredk S clk	Los Angeles Directory Co.
	TODD Harvey Anna h	Los Angeles Directory Co.
1924	GARDNER Frank L baker h	Los Angeles Directory Co.

### 1311 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LEIGH RICHARD EARL	Pacific Bell
1986	LEIGH RICHARD EARL	Pacific Bell
1981	LEIGH RICHARD EARL	Pacific Telephone
1971	Leigh Richard Earl	Pacific Telephone
1962	Leigh Richard Earl	Pacific Telephone
1942	MILLER Frances R wid H B	Los Angeles Directory Co.
	Hennessey Ellen R jan	Los Angeles Directory Co.
	Fagan Chas P	Los Angeles Directory Co.
1937	Grossklens Albt A Juanita dispr L A Transfer Co	Los Angeles Directory Co.
1933	WHEELER Raymond C Marian T	Los Angeles Directory Co.
1929	WHEELER Raymond C Marion h	Los Angeles Directory Co.
1924	WHEELER Raymond C chemist h	Los Angeles Directory Co.

### 1312 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	TATNALL EARLINE Y	Pacific Bell
1986	TATNAIL EARLINE Y	Pacific Bell
1981	TATNALL DWAYNE A	Pacific Telephone
	TATNALL EARLINE Y	Pacific Telephone
1971	Nix Earlene	Pacific Telephone
	Tatnall Allison F	Pacific Telephone
1962	Wilson Mary Mrs	Pacific Telephone
1942	BOES Walter W Virginia sea treas Luber Finer Inc	Los Angeles Directory Co.
1933	Monahan Ellen	Los Angeles Directory Co.
	MCKINNEY Lawson B	Los Angeles Directory Co.
	Mc KINNEY Coburn M Mary	Los Angeles Directory Co.
1929	VAIL Karl Bettie h	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Giovanazzi John plastr h	Los Angeles Directory Co.
	KNAPP Jos R asst sec S Cal T Co h	Los Angeles Directory Co.

### 1316 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	CARTER FRANK	Pacific Telephone
1962	Merritt Claude H	Pacific Telephone
1942	Abadjian Leon Rose mgr Dearohi Abadjian	Los Angeles Directory Co.
	GARDNER Fannie	Los Angeles Directory Co.
	Martindale Gilbert W chemist	Los Angeles Directory Co.
1933	HOYT Lilla A Mrs	Los Angeles Directory Co.
	Goatman Wm A	Los Angeles Directory Co.
1929	HOYT L A	Los Angeles Directory Co.
1924	York Ida M wid Zacharish h	Los Angeles Directory Co.
	HUDSON W Alex slsmn Joe Toplitzky & Co r	Los Angeles Directory Co.

### 1317 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BARTEE M H	Pacific Bell
1986	BARTEE M H	Pacific Bell
1971	Scott Theodoshie	Pacific Telephone
1942	COOK Chas S Elvira E	Los Angeles Directory Co.
	Winslow Albt	Los Angeles Directory Co.
	Winslow Clyde A M Marie Fifth Avenue Service	Los Angeles Directory Co.
1937	COOK Anne	Los Angeles Directory Co.
	EVANS Wm J Dorothy msngr	Los Angeles Directory Co.
	Winslow Claud Marie slsmn	Los Angeles Directory Co.
	WINSLOW Marie M pkr	Los Angeles Directory Co.
1933	COOK Chas route mgr	Los Angeles Directory Co.
1929	COOK Chas S Alvira route supvr DS Bread Co	Los Angeles Directory Co.
	WILLIAMS Marie M bkpr Harvey Mach Co r	Los Angeles Directory Co.
1924	Bruce Fern auto opr r	Los Angeles Directory Co.
	COOK Chas S mgr h	Los Angeles Directory Co.
	COOK Geo r	Los Angeles Directory Co.

## FINDINGS

### 1318 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	LEE PATRICIA	Pacific Telephone
1942	GARDNER Rose N wid A L	Los Angeles Directory Co.
	MILLER Bessie J Mrs beauty shop	Los Angeles Directory Co.
1933	Tell Carrie wid A C	Los Angeles Directory Co.
	Jacobs Irene F wid Warren clk	Los Angeles Directory Co.
1924	BROWN Lloyd R h	Los Angeles Directory Co.
	BROWN Ethel M steno r	Los Angeles Directory Co.

### 1322 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BLACK DORA LEE	Pacific Telephone
1942	CLARK Robt L	Los Angeles Directory Co.
1937	COHEN Wolf Sarah	Los Angeles Directory Co.
	COWAN Edw Natalie Sunland Shoe Store	Los Angeles Directory Co.
	Cullen Paul N Lois A aud Harbor Box & Lbr Co	Los Angeles Directory Co.
1933	LIPPMAN Bella Mrs	Los Angeles Directory Co.
	Greenwalt Harold Anna	Los Angeles Directory Co.
1929	COWAN Wm Sarah	Los Angeles Directory Co.
	COWAN Edw Cowan Bros	Los Angeles Directory Co.

### 1324 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BLACK WINFRED	Pacific Bell
1986	BLACK WINFRED	Pacific Bell
1971	Walker Lillie Mae	Pacific Telephone
1937	Greenwald Harold E Ann Sunland Shoe Store	Los Angeles Directory Co.
1933	COHEN Wolfe Sarah	Los Angeles Directory Co.
	GREENWALD Harold Cowan & Greenwald	Los Angeles Directory Co.
1929	GREENWALD Harold E Anna chauf	Los Angeles Directory Co.

### 1328 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CHARITY AUSTIN M JR	Pacific Bell
1986	HOWARD GROVER	Pacific Bell
	CHARITY AUSTIN M JR	Pacific Bell
1981	CHARITY AUSTIN M JR	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Matlock Lucy E Mrs	Pacific Telephone
	Charity Austin M Jr	Pacific Telephone
1962	Matlock Lucy E Mrs	Pacific Telephone
	Charity Austin M Jr	Pacific Telephone
1942	Radcliffe Margt	Los Angeles Directory Co.
	ALLEN Corrine B with Plomb Tool Co	Los Angeles Directory Co.
	ALLEN Fred M Sarah	Los Angeles Directory Co.
	Radcliffe John J Louise M uphol	Los Angeles Directory Co.
1937	Radcliffe John Louise uphol	Los Angeles Directory Co.
	ALLEN Fred M Sarah W bkpr	Los Angeles Directory Co.
	ALLEN Corrine B typist	Los Angeles Directory Co.
1933	ALLEN Lillian R bkpr L A Exmainer	Los Angeles Directory Co.
	ALLEN Fred M Sarah	Los Angeles Directory Co.
	ALLEN Corinne typist	Los Angeles Directory Co.
1929	Travis Chas R fl mgr Sears Roebuck & Co r	Los Angeles Directory Co.
	Radcliffe John J Louise uphol h	Los Angeles Directory Co.
1924	Radcliffe John J uphol r	Los Angeles Directory Co.
	HORTON Jesse D slsmn h	Los Angeles Directory Co.

### 1329 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BANKHEAD ROOSEVELT	Pacific Bell
1986	BANKHEAD ROOSEVELT	Pacific Bell
1981	BANKHEAD ROOSEVELT	Pacific Telephone
1971	Bankhead Roosevelt	Pacific Telephone
1962	Bankhead Roosevelt	Pacific Telephone
1942	COULSON Frank L sta atdt	Los Angeles Directory Co.
	COULSON Percy L Myrtle E lab	Los Angeles Directory Co.
1937	COULSON Percy L Myrtle roofer	Los Angeles Directory Co.
1933	COULSON Percy L Myrtle roofer	Los Angeles Directory Co.
1929	COULSON Percy L Myrtle roofer	Los Angeles Directory Co.
1924	COULSON Percy roofer h	Los Angeles Directory Co.

### 1333 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ROBINSON THEODORE & WILLI MAE	Pacific Bell
1986	ROBINSON THEODORE & WILLIE MAE	Pacific Bell
1981	ROBINSON THEODORE & WILLIE MAE	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Robinson Theodore R	Pacific Telephone
1962	Casuccio Jos	Pacific Telephone
1942	GABLE N Joyce beauty opr	Los Angeles Directory Co.
1937	GABLE Roy F Gertrude C archt	Los Angeles Directory Co.
	GABLE Roger C printer	Los Angeles Directory Co.
	GABLE Jack S electn	Los Angeles Directory Co.
	GABLE Floyd L Thelma R dept mgr Sears Roebuck & Co	Los Angeles Directory Co.
1933	HALVERSEN Rhoda	Los Angeles Directory Co.
	HALVERSEN Halvor Carrie	Los Angeles Directory Co.
1929	JONES E H cashr Pac Pipe & Supp Co	Los Angeles Directory Co.
1924	JONES Elvet H cashr Pac Pipe & Supply Co h	Los Angeles Directory Co.

### 1336 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Banks Cornelius H Marie lab	Los Angeles Directory Co.
1937	BANKS Lionel C La Vee drftsmn	Los Angeles Directory Co.
	Banks Cornelius H brklyr	Los Angeles Directory Co.
1933	BANKS Lionel coml artist	Los Angeles Directory Co.
1929	Banks Corneilus H Mattie lab	Los Angeles Directory Co.
	BANKS Lionel archt	Los Angeles Directory Co.

### 1337 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MCDONALD NELDA JEAN	Pacific Bell
1986	MCDONALD NELDA JEAN	Pacific Bell
1981	MCDONALD NELDA JEAN	Pacific Telephone
1971	Mc Donald Nelda Jean	Pacific Telephone
1962	Mc Donald Nelda Jean	Pacific Telephone
1942	OCONNOR John E Lucille slsmn	Los Angeles Directory Co.
1937	Deveau Albt H Irene C acct	Los Angeles Directory Co.
1933	SNYDER Lena Fannie	Los Angeles Directory Co.
1929	Corcoran Harry F Bessie clk	Los Angeles Directory Co.
1924	Tscherning Eilert R eng r	Los Angeles Directory Co.
	Corcoran Harry F clk r	Los Angeles Directory Co.

### 1341 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	DOWNEY GEO W	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	DOWNEY GEO W	Pacific Bell
1981	DOWNEY GEO W	Pacific Telephone
1971	Downey Elizabeth	Pacific Telephone
1962	Downey Elizabeth	Pacific Telephone
1942	MORGAN Mildred Waiter	Los Angeles Directory Co.
	Card Minnie Mrs	Los Angeles Directory Co.
1937	Mc Clintock Geo E Edwina P	Los Angeles Directory Co.
1929	CURRY N slsldy	Los Angeles Directory Co.
	STANLEY Floyd Nettie driver h	Los Angeles Directory Co.
1924	Mc LAUGHLIN John D plumber h	Los Angeles Directory Co.

### 1343 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BURTON WANDA	Pacific Bell
1942	Kohfeld Irvin R Sylvia mach	Los Angeles Directory Co.
1937	Mc LAUGHLIN Frances W wid J D	Los Angeles Directory Co.
1933	MCLAUGHLIN Frances W wid J D	Los Angeles Directory Co.
1929	NELSON M W Lena chaf	Los Angeles Directory Co.

### 1345 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Cleveland A G	Pacific Telephone
1942	Grater Wm J Garnette cash Met Garage	Los Angeles Directory Co.
1937	Bergenholtz Fred W Verma G slsmn	Los Angeles Directory Co.
1933	WATKINS Walter R Lorena auto mech	Los Angeles Directory Co.
1929	VOELKER Elmer J meter repr LAG&E Corp r	Los Angeles Directory Co.
	VOELKER Louis E Agnes mach LAG & E Corp h	Los Angeles Directory Co.
1924	STEELE Donald W barber h	Los Angeles Directory Co.

### 1348 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GATES EDWARD	Pacific Bell
	SMITH ETHEL	Pacific Bell
1986	GATES EDWARD	Pacific Bell
	SMITH ETHEL	Pacific Bell
1981	SMITH ETHEL	Pacific Telephone
1971	Smith Ethel	Pacific Telephone
1962	Salian Flomen	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Smith Howard	Pacific Telephone
1942	Salian Armen	Los Angeles Directory Co.
	Salian Jacob H Filomen barbers	Los Angeles Directory Co.
1937	Salian Jacob H Flomen barber	Los Angeles Directory Co.
1933	Salian Jacob H Flora barber	Los Angeles Directory Co.
1929	Selien Jacob Floman barber h	Los Angeles Directory Co.
1924	Salian Jake h	Los Angeles Directory Co.

### 1350 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LOPEZ ERLINDO L	Pacific Bell
1981	AMAYA OSCAR	Pacific Telephone
1971	Ross A Wendell Rev	Pacific Telephone
1962	Coleman Leathia	Pacific Telephone
1942	JOHNSON Claude lab	Los Angeles Directory Co.
	Armitage Cecil S carp	Los Angeles Directory Co.
1937	HORN Eli Clara	Los Angeles Directory Co.
1933	Vasselman Max Fennie tailor	Los Angeles Directory Co.
1929	Wasserman Max Fannie dept mgr Brown Israel h	Los Angeles Directory Co.

### 1352 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GUERRA ALEJANDRO	Pacific Bell
1981	REESE MICHAEL T	Pacific Telephone
1942	Vinson Eliz wid B L	Los Angeles Directory Co.
	Aloise Clara V slsw n	Los Angeles Directory Co.
	Aloisi Ceasor J Clara plstr	Los Angeles Directory Co.
1937	CAREY Edw B Gladys	Los Angeles Directory Co.
	Aloisi C Jack Clara V chemical opr	Los Angeles Directory Co.
	Vinson Eliz wid B L	Los Angeles Directory Co.
1929	STAPLES Phyllis G phone opr r	Los Angeles Directory Co.
	STAPLES Florence e K Mrs h	Los Angeles Directory Co.
	STAPLES Edith F clk r	Los Angeles Directory Co.
1924	SHAPIRO Morris tchr h	Los Angeles Directory Co.

### 1353 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BARBARENA ANGELA	Pacific Bell
1981	JASPER ANN	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Harvey Helen M	Pacific Telephone
1942	HOUCK Neva Mrs	Los Angeles Directory Co.
	Finney Eleanor Mrs	Los Angeles Directory Co.
1929	HEAD Fred A Pauline asst supt Bay Cities Merc Co	Los Angeles Directory Co.
1924	Bayless Alice M Mrs h	Los Angeles Directory Co.

### 1355 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	GREEN JOSIE FLORENCE	Pacific Telephone
1971	Green Josie Florence	Pacific Telephone
1942	Mc Naney Emmy Mrs	Los Angeles Directory Co.
1937	BELL Gladys waiter	Los Angeles Directory Co.
1933	Farley John L Maude	Los Angeles Directory Co.
1929	FARLEY John L Maud slsmn	Los Angeles Directory Co.
1924	Morrison Alvin A h	Los Angeles Directory Co.

### 1359 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	MCDONALD CLARA	Pacific Telephone
1971	Warner Lena J	Pacific Telephone
1962	Warner Ray W	Pacific Telephone
1942	Mc Naney Shirley tel opr	Los Angeles Directory Co.
1937	HOAGE Chas E office mngr R J Reynolds Tobacco Co	Los Angeles Directory Co.
	HOAGE Virginia H wid Emmett	Los Angeles Directory Co.
	Loewer Blanche H Mrs	Los Angeles Directory Co.
1933	Hoage H Virginia wid Emma H	Los Angeles Directory Co.
	Hoage Chas E clk	Los Angeles Directory Co.
1929	Dempsey Maybell phone opr	Los Angeles Directory Co.
	DEMPSEY Zedock P jr Margt electn	Los Angeles Directory Co.
1924	HUGHES Annie Mrs r	Los Angeles Directory Co.
	HUGHES Jessie B bkpr Pac Coffee Stores Co r	Los Angeles Directory Co.

### 1361 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	AVENT ARTIE	Pacific Telephone
1971	Avent Artie	Pacific Telephone
1962	Valencia Manuel	Pacific Telephone
1937	SWENSON Carl A Clara A	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Logg Leo chauf	Los Angeles Directory Co.
1929	Bakerjain Victoria	Los Angeles Directory Co.
	Bakerjain Vahen tailor	Los Angeles Directory Co.
1924	Easterday Wayne R slsmn Alex Turk r	Los Angeles Directory Co.
	BUTLER R L real est h	Los Angeles Directory Co.
	Easterday Fannie B Mrs r	Los Angeles Directory Co.

### 1408 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Smith Geo B	Pacific Telephone
	Ward Alphonso	Pacific Telephone
1942	Rudisill Perry Alice J clk	Los Angeles Directory Co.
1937	MILLER Geo W Callie with Hollywood Citizen News	Los Angeles Directory Co.
1933	MILLER Geo W Caltie L	Los Angeles Directory Co.
1929	Chaikind Saml Heldina tailor	Los Angeles Directory Co.
	MILLER Geo W Halla	Los Angeles Directory Co.
1924	LOGAN Benj F h	Los Angeles Directory Co.
	Miller Geo W h	Los Angeles Directory Co.

### 1417 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MABRY HELLEN	Pacific Bell
	MABRY HELLEN	Pacific Bell
1986	MABRY HELLEN	Pacific Bell
	MABRY HELLEN	Pacific Bell
1981	MABRY HELLEN	Pacific Telephone
1962	Burke Katie Mrs	Pacific Telephone
1942	BURKE Katie wid Jas	Los Angeles Directory Co.
	Mc GUIRE John jan	Los Angeles Directory Co.
	PERRY Lewis Margt	Los Angeles Directory Co.
1937	Froom Royal D slsmn	Los Angeles Directory Co.
	Froom Royal G Nellie pntr	Los Angeles Directory Co.
1933	Fromm Royal G Nellie pntr	Los Angeles Directory Co.
	Fromm Wm H carp	Los Angeles Directory Co.
1929	Froom Wm H bldg contr	Los Angeles Directory Co.
	Froom Royal G Nellie pntr	Los Angeles Directory Co.
1924	GORDON Harold driver r	Los Angeles Directory Co.
	GORDON Jacob h	Los Angeles Directory Co.

## FINDINGS

### 1420 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	TORRES ARMANDO	Pacific Bell
1962	Jordan Cynthia Jordan Jas	Pacific Telephone Pacific Telephone
1942	St Martin Bert Maxine R slsmn	Los Angeles Directory Co.
1937	Mc Crillis Frank R Jessie slsmn Jimmy Dixon Inc Mc Crillis Russell clk	Los Angeles Directory Co. Los Angeles Directory Co.
1933	HAMMAN Jesse HAMMAN Albt Anna carp	Los Angeles Directory Co. Los Angeles Directory Co.
1929	BEESELY Harvey A Jeanette slsmn	Los Angeles Directory Co.
1924	HOWARD Mae Mrs h	Los Angeles Directory Co.

### 1421 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	POTTS NYANZA E	Pacific Bell
1986	POTTS NYANZA E	Pacific Bell
1981	POTTS NYANZA E	Pacific Telephone
1971	Potts Nyanza E	Pacific Telephone
1962	Johnson Viola H	Pacific Telephone
1942	KELLEY Thos R Eliz H lab Cress Louise S Mrs sec Grinnell Co	Los Angeles Directory Co. Los Angeles Directory Co.
1937	KELLEY Thoe R Eliz H emp Vernon Potteries	Los Angeles Directory Co.
1933	SHANER Sophia Mrs	Los Angeles Directory Co.
1929	SHANER Sophia wid G A h Shaner Lulu F cashr Mass Mut Life Ins Co r	Los Angeles Directory Co. Los Angeles Directory Co.
1924	SHANER Sophia Mrs h	Los Angeles Directory Co.

### 1424 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	HAMPTON DANA	Pacific Bell
1981	SINGLETARY D	Pacific Telephone
1971	Cato Davidson Jr	Pacific Telephone
1962	Avery Katherine B Mrs	Pacific Telephone
1942	AVERY Kath B wid C W AVERY Martha E bkpr	Los Angeles Directory Co. Los Angeles Directory Co.
1937	Diane Jas Elsie Menasco Jas	Los Angeles Directory Co. Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	CARNEY Nell iris	Los Angeles Directory Co.
1929	Carney Geo S Nell slsmn	Los Angeles Directory Co.
	Carney Harry W clk	Los Angeles Directory Co.
	Klamt Wm E Margt contr	Los Angeles Directory Co.
1924	CARNEY Geo S slsmn h	Los Angeles Directory Co.
	CARNEY Harry W clk City Eng r	Los Angeles Directory Co.
	Klamt Wm E cement contr h	Los Angeles Directory Co.

### 1428 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	NICHOLS SHARON	Pacific Bell
1962	Larsen C Alfred	Pacific Telephone
1942	LARSEN Alf Edna M bldg contr	Los Angeles Directory Co.
	Rousseve Danl J Antonia	Los Angeles Directory Co.
	Rousseve Paul F aircrftwkr	Los Angeles Directory Co.
1937	Rousseve Danl J Antonia	Los Angeles Directory Co.
	Rousseve Paul F auto mech	Los Angeles Directory Co.
1933	Rousseve Danl Antonia printer	Los Angeles Directory Co.
	Rousseve Paul auto mech	Los Angeles Directory Co.
	Rousseve Rene electn	Los Angeles Directory Co.
1929	Roussev Danl Antonia printer h	Los Angeles Directory Co.
	Roussev Emil electn r	Los Angeles Directory Co.
	Roussev Rene electn r	Los Angeles Directory Co.
1924	Roussene Jennie milliner r	Los Angeles Directory Co.
	Rousseve Danl J printer h	Los Angeles Directory Co.
	Rousseve Emile electr r	Los Angeles Directory Co.
	Rousseve Rene V electr r	Los Angeles Directory Co.

### 1432 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WOODS MARY L	Pacific Telephone
1962	Malone Blanchie	Pacific Telephone
1942	Valery Frank	Los Angeles Directory Co.
	Valery Alex D Christina mech	Los Angeles Directory Co.
1937	Struve Marie M bkpr Kern River Oil Fields	Los Angeles Directory Co.
	Struve Heinrich W Caroline aud Best Drug Stores	Los Angeles Directory Co.
1933	TROUTMAN Louis A pres Great Western Title Abstract Co	Los Angeles Directory Co.
1929	Wasser Byron E pntr r	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	TROUTMAN Louis W Bertha real est	Los Angeles Directory Co.
	BLUM Marie dom	Los Angeles Directory Co.
1924	FRIES Sophia h	Los Angeles Directory Co.

### 1433 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	FORTSON BOOKER T SR MRS	Pacific Bell
1986	FORTSON BOOKER T SR MRS	Pacific Bell
1981	FORTSON BOOKER T SR MRS	Pacific Telephone
1971	Fortson Booker T Sr Mrs	Pacific Telephone
	Lockhart Cleveland	Pacific Telephone
1962	Fortson Booker T Sr Mrs	Pacific Telephone
1942	Abbott C Russell Bernice	Los Angeles Directory Co.
	Huffman Alma Louise	Los Angeles Directory Co.
	HUFFMAN Isac Gertrude C wtchmn	Los Angeles Directory Co.
	Schaper Wm S Kath	Los Angeles Directory Co.
1937	Mc Mannus Ray Agnes tilewkr	Los Angeles Directory Co.
1929	Schave Margt E clk r	Los Angeles Directory Co.
	Schave Walter A Harriet formn F H Gillespie Co h	Los Angeles Directory Co.
1924	Schave Waller A clk h	Los Angeles Directory Co.
	SNYDER Nelle F clk r	Los Angeles Directory Co.

### 1434 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JACKSON SHERWIN	Pacific Bell
1942	Zappey John C Olga V	Los Angeles Directory Co.
1937	Schwan Arden J Irene mach	Los Angeles Directory Co.
1933	La Vella John H Elsie asst supt Dept Water & Power	Los Angeles Directory Co.
1929	RIDER Jos A Mary slsmn h	Los Angeles Directory Co.

### 1436 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ALSTON ELLEN	Pacific Bell
1986	ALSTON ELLEN	Pacific Bell
1981	ALSTON ELLEN	Pacific Telephone
1971	Alston Ellen	Pacific Telephone
1962	Alston Ellen	Pacific Telephone
1942	MYERS Wert A Gladys servmn Manual Arts Sales Corp	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Ackom Glenn waiter	Los Angeles Directory Co.
	MYERS West A Gladys electn	Los Angeles Directory Co.
1933	Herman Helen clk	Los Angeles Directory Co.
	Herman Ella I Mrs	Los Angeles Directory Co.
1929	HERMAN Wm J Ella clk	Los Angeles Directory Co.
1924	Maroot K real est h	Los Angeles Directory Co.

### 1437 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BYRD ADOLPH	Pacific Telephone
1962	Shankle Helen	Pacific Telephone
1942	HART John F Kay slsmn	Los Angeles Directory Co.
	HART Helen F Mrs	Los Angeles Directory Co.
	HART Kay D ofc sec Nourse & Jones	Los Angeles Directory Co.
1937	HANNIGAN Patk Janitor	Los Angeles Directory Co.
	Bayne Chas E Frances slsmn Haas Baruch & Co	Los Angeles Directory Co.
1933	Neary Pedro waiter	Los Angeles Directory Co.
1929	Neary Peter M Delia waiter	Los Angeles Directory Co.
1924	EVERETT D Allen h	Los Angeles Directory Co.

### 1440 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	EVANS MITCHELL EDITH	Pacific Bell
1981	EVANS MITCHELL EDITH	Pacific Telephone
1942	Freigh Ella W wid G E	Los Angeles Directory Co.
1937	Freigh Ella W wid G E	Los Angeles Directory Co.
1933	Freigh Elia wid G E	Los Angeles Directory Co.
1924	Freleigh Geo E h	Los Angeles Directory Co.

### 1154 1/2 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ANDERSON ETHLYN	Pacific Telephone

### 1328 1/2 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HOWARD GROVER	Pacific Bell

## FINDINGS

### 1348 1/2 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	POWELLS RAYMOND	Pacific Bell

### 1433 1/2 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	LOCKHART CLEVELAND	Pacific Bell
1981	LOCKHART CLEVELAND	Pacific Telephone

### 1437 1/2 W 55TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	CAMACHO CONSUELO	Pacific Bell

### W 55TH ST

#### 1144 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DAVID ANTHONY	Cole Information Services
2009	DAVID ANTHONY	Cole Information Services
2006	ANTHONY David	Haines Company, Inc
2004	DAVID ANTHONY	Cole Information Services
1999	DAVID ANTHONY	Cole Information Services
1995	Anthony David	Pacific Bell
1994	ANTHONY, DAVID	Cole Information Services
1976	Anthony David	Pacific Telephone
1967	Anthony David	Pacific Telephone
1958	Mc Lemore Ola Mrs	Pacific Telephone

#### 1149 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDWIN DIAZ	Cole Information Services
2009	EMMA JONES	Cole Information Services
2006	YOUNGLillie	Haines Company, Inc
2004	JAMES YOUNG	Cole Information Services
1999	EMMA JONES	Cole Information Services
1994	YOUNG, JAMES	Cole Information Services
1976	Boyd Laverne	Pacific Telephone
	Young Jas Mrs	Pacific Telephone
1967	Young Jas Mrs	Pacific Telephone
1958	Young Jas Mrs	Pacific Telephone



## FINDINGS

### 1151 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	LILLIE YOUNG	Cole Information Services
2004	LILLIE YOUNG	Cole Information Services
1999	LEON ROBERTSON	Cole Information Services
	LILLIE YOUNG	Cole Information Services

### 1152 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	SUYAPA MARTINEZ	Cole Information Services
2006	Alberlo	Haines Company, Inc
	MARTINEZ Suyapa N	Haines Company, Inc
	a PENADO Virginia	Haines Company, Inc
	RODRIGUEZJulio	Haines Company, Inc
1999	SUYAPA MARTINEZ	Cole Information Services
1976	Brooks Mary	Pacific Telephone
	Brooks A D Rev	Pacific Telephone
1967	Brooks Mary	Pacific Telephone
	Brooks A D Rev	Pacific Telephone
1958	Aparicio Joe	Pacific Telephone

### 1154 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRIGIDO ZEPEDA	Cole Information Services
2009	BRIGIDO ZEPEDA	Cole Information Services
1999	BRIGIDO ZEPEDA	Cole Information Services
1967	Morgan Seral Eugene	Pacific Telephone
	Talley Marvin	Pacific Telephone
1958	Downs John W Jr	Pacific Telephone

### 1155 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	KINGDOM HALL JEHOVAHS WITNESSES	Cole Information Services
	NATHENIAL THORNS	Cole Information Services
2006	a THORNS Nathenial	Haines Company, Inc
2004	NATHENIAL THORNS	Cole Information Services
1999	NATHENIAL THORNS	Cole Information Services
1976	Johnson Leo C	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Johnson Leo C	Pacific Telephone
1958	Autor Leon	Pacific Telephone

### 1156 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OLIVIA RAMOS	Cole Information Services
1999	OLIVIA RAMOS	Cole Information Services
1967	Mitchell Robin Arien	Pacific Telephone
1958	Ryan Mary Ellen	Pacific Telephone

### 1157 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BERNARD CHECTHAM	Cole Information Services
	MICHELLE BASHER	Cole Information Services
	MELVIN HAMILTON	Cole Information Services
	STEVEN MORGAN	Cole Information Services
2009	THELMA DOZIER	Cole Information Services
	WILBERT MORGAN	Cole Information Services
2006	MORGAN Catherine o	Haines Company, Inc
2004	WILBERT MORGAN	Cole Information Services
1999	WILBERT MORGAN	Cole Information Services
	THELMA DOZIER	Cole Information Services
1994	DOZIER, THELMA	Cole Information Services
1976	Dozier Thelma	Pacific Telephone
	Dozier Thelma	Pacific Telephone

### 1165 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JOSEFINA SALCEDO	Cole Information Services
1999	JOSEFINA SALCEDO	Cole Information Services

### 1200 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	KITANI WALTON	Cole Information Services
2009	DENNIS WALTON	Cole Information Services
2006	a WALTON Dennis	Haines Company, Inc
2004	DENNIS WALTON	Cole Information Services
1999	DENNIS WALTON	Cole Information Services
1994	WALTON, DENNIS	Cole Information Services
1976	Bass Jas B	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Bass Jas B	Pacific Telephone
1958	Bass Jas B	Pacific Telephone

### 1201 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VIRVES GARCIA	Cole Information Services
	RENEE SANIBUYAN	Cole Information Services
	DIEGO JUAREZ	Cole Information Services
2009	EBONY WOODS	Cole Information Services
	RENEE MORRISON	Cole Information Services
	CARLOS GARZA	Cole Information Services
2006	JOHNSON Domthy	Haines Company, Inc
	NELSON Calvin	Haines Company, Inc
2004	EBONY WOODS	Cole Information Services
1999	CARLOS GARZA	Cole Information Services
	EBONY WOODS	Cole Information Services
	RENEE MORRISON	Cole Information Services
1967	Cunningham Allen	Pacific Telephone
1958	Cunningham Allen	Pacific Telephone

### 1206 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DORA MARTINEZ	Cole Information Services
2009	FRANCISCO AYALA	Cole Information Services
2004	EDGAR ESCOBAR	Cole Information Services
1999	FRANCISCO AYALA	Cole Information Services
1958	Barnes Bela N	Pacific Telephone

### 1207 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MANUEL CASTILLO	Cole Information Services
2006	& JACOBS Alvin	Haines Company, Inc
2004	SHARON JOHNSON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1208 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	M CHAVARRIA	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	M CHAVARRIA	Cole Information Services
1976	Penigar J L	Pacific Telephone
1967	Jackson Mattie M	Pacific Telephone
	Jackson Nora	Pacific Telephone

### 1209 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ALVIN JACOBS	Cole Information Services
2004	ALVIN JACOBS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ALVIN JACOBS	Cole Information Services
1967	Harrell Ethel	Pacific Telephone
	Harrell Sam	Pacific Telephone

### 1210 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDWIN DUARTE	Cole Information Services
2009	VICTOR SANDOVAL	Cole Information Services
2006	o DUARTE Edw In	Haines Company, Inc
2004	EDWIN DUARTE	Cole Information Services
1999	VICTOR SANDOVAL	Cole Information Services
1976	Johnson Frank B	Pacific Telephone
1967	Rosendoll Annie Mae	Pacific Telephone
	Rosendoll Wm	Pacific Telephone
1958	Ferguson Jas L	Pacific Telephone

### 1211 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAUL GODINEZ	Cole Information Services
2009	MARIA GUILLEN	Cole Information Services
2006	GARCIA Francisco	Haines Company, Inc
	ACOSTA Moltes	Haines Company, Inc
	a GUILLEN Marie	Haines Company, Inc
2004	FRANCISCO GARCIA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	MARIA GUILLEN	Cole Information Services
1994	VILLA, S G	Cole Information Services
	DELEON, EDWIN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Morrell Stella	Pacific Telephone
	Thruston Merle L Mrs	Pacific Telephone
1958	Goyer Richard P	Pacific Telephone

### 1214 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	JOHNSON Bobby R a ONEAL Luella	Haines Company, Inc Haines Company, Inc
2004	BOBBY JOHNSON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	George Ellis A	Pacific Telephone

### 1215 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SATURDAY AISUAN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	AISUAN Saturday	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Lee Lanie Sr	Pacific Telephone
1967	Lee Lanie Sr	Pacific Telephone
1958	Urrea Gilbert C	Pacific Telephone

### 1216 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	LUELLA ONEAL	Cole Information Services
1976	Vernell Luella	Pacific Telephone
1967	Funchess John A	Pacific Telephone
1958	Funchess John A	Pacific Telephone

### 1218 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RONALDO AUGUSTIN	Cole Information Services
2009	RONALDO AUGUSTIN	Cole Information Services
2006	a AUGUSTIN Ronaldo	Haines Company, Inc
2004	RONALDO AUGUSTIN	Cole Information Services
1999	RONALDO AUGUSTIN	Cole Information Services
1958	Orantes Angel T	Pacific Telephone

## FINDINGS

### 1219 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PILAR HERNANDEZ	Cole Information Services
2009	MARIA HERNANDEZ	Cole Information Services
2006	HERNANDEZ Mada	Haines Company, Inc
2004	SIMMI WALKER	Cole Information Services
1999	MARIA HERNANDEZ	Cole Information Services
1958	Graham Mena	Pacific Telephone

### 1222 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRANDY ROBERSON	Cole Information Services
2009	CATHERINE BIRDINE	Cole Information Services
2006	a BIRDINE Catherine	Haines Company, Inc
2004	VANESSA MAHAN	Cole Information Services
1999	CATHERINE BIRDINE	Cole Information Services
1967	Flynn Chas J	Pacific Telephone
1958	Flynn Elizabeth	Pacific Telephone

### 1223 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE VALENCIA	Cole Information Services
2009	JOSE VALENCIA	Cole Information Services
2006	VALENCIA Jose	Haines Company, Inc
2004	MAGGIE AGUILAR	Cole Information Services
	ERIK VAZENCIA	Cole Information Services
	JOSE VALENCIA	Cole Information Services
1999	JOSE VALENCIA	Cole Information Services
1958	Taylor Helen A	Pacific Telephone

### 1225 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN YANEZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	ERICKA MUNOZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Harris E Lillian Mrs	Pacific Telephone

### 1226 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BARRY FINLEY	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a FOOTEJohnnie	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Van De Verg M Mrs	Pacific Telephone
1958	Van De Verg M Mrs	Pacific Telephone

### 1227 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN VALENZUELA	Cole Information Services
2009	JUAN VALENZUELA	Cole Information Services
2006	a VALENZUELAJuan	Haines Company, Inc
2004	JUAN VALENZUELA	Cole Information Services
1999	JUAN VALENZUELA	Cole Information Services
1994	BIRNIE, GEORGE W	Cole Information Services
1976	Birnie Geo W	Pacific Telephone
1967	Becker Addie M Mrs	Pacific Telephone
	Birnie Geo W	Pacific Telephone
1958	Birnie Elfrieda Mrs	Pacific Telephone

### 1230 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ARTHUR LESURE	Cole Information Services
2009	LOUIS LESURE	Cole Information Services
2006	LESURELois	Haines Company, Inc
2004	LOIS LESURE	Cole Information Services
1999	LOUIS LESURE	Cole Information Services
1967	Kitzmilller Martin V	Pacific Telephone
1958	Kitzmilller Martin V	Pacific Telephone

### 1231 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOHNNY MOORE	Cole Information Services
2009	MAURICE ROBINSON	Cole Information Services
2006	ROBINSON Maurice	Haines Company, Inc
	MOORE Johnny	Haines Company, Inc
2004	JOHNNY MOORE	Cole Information Services
1999	MAURICE ROBINSON	Cole Information Services
1958	Muenzberg Waltet	Pacific Telephone

## FINDINGS

### 1234 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FRANCISCO MONTIEL	Cole Information Services
2009	ROXANA GUIDOS	Cole Information Services
2006	a MONTIEL Mada	Haines Company, Inc
	a MONTIEL Rafael	Haines Company, Inc
2004	FRANCISCO MONTIEL	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ROXANA GUIDOS	Cole Information Services
1976	Roberson Erma Mrs	Pacific Telephone
1967	Roberson Erma Mrs	Pacific Telephone
1958	Roberson Erma Mrs	Pacific Telephone

### 1235 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROSE FEFIE	Cole Information Services
2009	CUBY FEFIE	Cole Information Services
2006	a FEFIECuby	Haines Company, Inc
2004	CUBY FEFIE	Cole Information Services
1999	CUBY FEFIE	Cole Information Services
1958	Harnish Carrie	Pacific Telephone

### 1238 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS VELADO	Cole Information Services
2009	JERRY EARL	Cole Information Services
2006	EARLJerry	Haines Company, Inc
	THOMPSON La	Haines Company, Inc
2004	JANET THOMSPON	Cole Information Services
1999	JERRY EARL	Cole Information Services
1976	Dixon Lulu F Mrs	Pacific Telephone
1967	Dixon Lulu F Mrs	Pacific Telephone
1958	Issberner Paul C Sr	Pacific Telephone

### 1239 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EARNESTINE KELLY	Cole Information Services
2009	EARNESTINE KELLY	Cole Information Services
2006	a KELLY Robert	Haines Company, Inc
2004	ROBERT KELLY	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	EARNESTINE KELLY	Cole Information Services
1958	Lewis Jennie Mrs	Pacific Telephone

### 1242 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LINDA TUCKER	Cole Information Services
2009	LINDA TUCKER	Cole Information Services
2006	a TUCKER Unda	Haines Company, Inc
2004	DONALD JOHNSON	Cole Information Services
1999	LINDA TUCKER	Cole Information Services
1958	Dorsey Geo A	Pacific Telephone

### 1243 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JACQUELINE MELARA	Cole Information Services
2009	CONSUELO CAMPAS	Cole Information Services
2006	LEON Mada	Haines Company, Inc
2004	MARIA LEON	Cole Information Services
1999	CONSUELO CAMPAS	Cole Information Services
1976	Myers Helen	Pacific Telephone
	Whiteside Virginia T	Pacific Telephone
1967	Myers Edgar	Pacific Telephone
1958	Wawrychuk Wm	Pacific Telephone

### 1246 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALICIA WASHINGTON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Washington ington ington Booker T	Pacific Telephone
1967	Washington Booker T	Pacific Telephone
1958	Grella Gerard	Pacific Telephone

### 1247 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ADRIANA AGUIRRE	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a MORALES Jesus	Haines Company, Inc
2004	JESUS MORALES	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Green Ernestine Mrs	Pacific Telephone

## FINDINGS

### 1250 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a SMITH Gilber	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	GARNET, ELVIN A	Cole Information Services
1958	Johnson Tessie Lee	Pacific Telephone

### 1251 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HENRY GUEVARA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	AMADOR Maria a GUEVARA Henry	Haines Company, Inc Haines Company, Inc
2004	AMADOR MARIA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	AMADOR, ALONSO	Cole Information Services
1976	Billiard Doretha	Pacific Telephone
1967	Jackson Cora Lee Billiard Doretha	Pacific Telephone Pacific Telephone

### 1253 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	CARMEN MARTINEZ	Cole Information Services
1999	CARMEN MARTINEZ OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
1958	Billiard Doretha	Pacific Telephone

### 1254 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOHN THOMAS	Cole Information Services
2009	JOHN THOMAS	Cole Information Services
2006	o THOMAS Nathan	Haines Company, Inc
1999	JOHN THOMAS OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
1994	THOMAS, NATHAN E	Cole Information Services
1976	Thomas Nathan E	Pacific Telephone
1967	Thomas Nathan E	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Hinds Kenneth L	Pacific Telephone

### 1255 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LEWIS THOMAS	Cole Information Services
2009	LEWIS THOMAS	Cole Information Services
2006	a BANKS Lucille	Haines Company, Inc
1999	LEWIS THOMAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Strong John A	Pacific Telephone
1958	Strong John A	Pacific Telephone

### 1257 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1258 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DANIEL MORALES	Cole Information Services
2009	WILLIAM MILLER	Cole Information Services
2006	o MILLER William	Haines Company, Inc
2004	WILLIAM MILLER	Cole Information Services
1999	WILLIAM MILLER	Cole Information Services
1958	Lemont Willis E	Pacific Telephone

### 1259 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MELBA DODSON	Cole Information Services
2009	MELBA DODSON	Cole Information Services
2006	EVANSMelba	Haines Company, Inc
2004	MELBA EVANS	Cole Information Services
1999	MELBA DODSON	Cole Information Services
1958	Kassay Steve	Pacific Telephone

### 1261 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIO GUTIERREZ	Cole Information Services
	GONZALO HERNANDEZ	Cole Information Services
2009	GONZALO HERNANDEZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JOSE GUTIERREZ	Cole Information Services
2006	o HERNANDEZ Gonzalo GUTIERREZ Madha	Haines Company, Inc Haines Company, Inc
2004	GONZALO HERNANDEZ JOSE GUTIERREZ KATHY OCHOA	Cole Information Services Cole Information Services Cole Information Services
1999	GONZALO HERNANDEZ JOSE GUTIERREZ	Cole Information Services Cole Information Services
1994	REYNA, CRUZ	Cole Information Services
1958	Young Maudell	Pacific Telephone

### 1262 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	F BROWN	Cole Information Services
2006	a BROWN Katherine	Haines Company, Inc
2004	F BROWN	Cole Information Services
1999	F BROWN	Cole Information Services
1958	Kosuda Edw J Gerdt Nicolas	Pacific Telephone Pacific Telephone

### 1263 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE AGUIRRE	Cole Information Services
2009	JOSE AGUIRRE	Cole Information Services
2006	AGUIRRE Armando 323 758 2238s	Haines Company, Inc
2004	ARMANDO AGUIRRE	Cole Information Services
1999	OCCUPANT UNKNOWN JOSE AGUIRRE	Cole Information Services Cole Information Services
1994	REYNA, CRUZ	Cole Information Services
1958	Mitchell Eleanor	Pacific Telephone

### 1300 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAMES WASHINGTON	Cole Information Services
2006	WASHINGTONJas	Haines Company, Inc
1994	WASHINGTON, JAMES	Cole Information Services
1976	Washington ington ington Jas	Pacific Telephone
1958	Malin Wm G	Pacific Telephone

## FINDINGS

### 1301 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDITH DUARTE	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a MARTIN Mamie	Haines Company, Inc
2004	EDITH MARTIN	Cole Information Services
1999	MAMMIE MARTIN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	MARTIN, MAMMIE	Cole Information Services
1976	Martin Mammie	Pacific Telephone
1967	Martin Mammie	Pacific Telephone
1958	Nepp John	Pacific Telephone

### 1302 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAVIER CORTEZ	Cole Information Services
2009	JAVIER CORTEZ	Cole Information Services
1999	JAVIER CORTEZ	Cole Information Services

### 1304 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARKEISHA STALLION	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	WILLIAMS Sammie	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Lahr Hearley	Pacific Telephone

### 1305 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JESUS SANCHEZ	Cole Information Services
2009	YANINA SANCHEZ	Cole Information Services
2006	SANCHEZ Mara e	Haines Company, Inc
2004	JOSE SANCHEZ	Cole Information Services
1999	YANINA SANCHEZ	Cole Information Services
1994	CHAVEZ, M	Cole Information Services
1958	Echevarria Frank L	Pacific Telephone

### 1308 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAUL GOMEZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	LEATRUCE HILL	Cole Information Services
2006	a TURPIN Camm le	Haines Company, Inc
2004	MILDRED HILL	Cole Information Services
1999	LEATRUCE HILL	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	HILL, L	Cole Information Services
1976	Hill Leatruce	Pacific Telephone
1958	Dulin Henry S Jr	Pacific Telephone

### 1309 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GILBERTO CAAMAL	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a MCGEE Jewell	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1311 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	AGUSTIN BENITEZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a CRUZ Jose	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Leigh Richard Earl	Pacific Telephone
1967	Leigh Richard Earl	Pacific Telephone
1958	Leigh Richard Earl	Pacific Telephone

### 1312 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARCELLO VILLEDA	Cole Information Services
2009	NORMA MARTIN	Cole Information Services
2006	a ANDREW IN Leonel	Haines Company, Inc
	ANDREW IN Leonel	Haines Company, Inc
2004	LEONEL ANDREW IN	Cole Information Services
1999	NORMA MARTIN	Cole Information Services
1994	TATNALL, EARLINE Y	Cole Information Services
1976	Tatnall Earline Y	Pacific Telephone
1967	Tatnall Allison F	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Nix Earlene	Pacific Telephone
1958	Wilson Mary Mrs	Pacific Telephone

### 1314 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1315 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	KIM DEAR	Cole Information Services
2009	DEBORAH HOWARD	Cole Information Services
2004	MARY STEELE	Cole Information Services
1999	DEBORAH HOWARD	Cole Information Services
1976	Fields Johnnie	Pacific Telephone

### 1316 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	CHARLES MINH	Cole Information Services
2006	GOLDSMITH Wille	Haines Company, Inc
2004	BILLY GRAY	Cole Information Services
1999	CHARLES MINH	Cole Information Services
1958	Merritt Claude H	Pacific Telephone

### 1317 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	AMBAR DELUNDO	Cole Information Services
	JENIE SEAGIN	Cole Information Services
	TANIKA SMITH	Cole Information Services
	RHODA SIMS	Cole Information Services
2009	AURELIA MENELEE	Cole Information Services
2006	SYKES Edward	Haines Company, Inc
2004	EATHEN THOMAS	Cole Information Services
1999	ZOILA MARQUEZ	Cole Information Services
	AURELIA MENELEE	Cole Information Services
1967	Strauther Bessie	Pacific Telephone
	Larry Ernest	Pacific Telephone
1958	Smith Clinton Jas	Pacific Telephone

## FINDINGS

### 1318 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BEATRIZ CELAYA	Cole Information Services
	MANUEL BARRERA	Cole Information Services
2009	BEATRIZ CELAYA	Cole Information Services
	JAMES HALL	Cole Information Services
2006	a GONZALEZ van la	Haines Company, Inc
	HALL James	Haines Company, Inc
2004	JAMES HALL	Cole Information Services
1999	JAMES HALL	Cole Information Services
	BEATRIZ CELAYA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1958	Schultz Wm A	Pacific Telephone

### 1319 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Wallace Jos	Pacific Telephone

### 1320 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DAVINA BROWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Scott Margaret Mrs	Pacific Telephone

### 1321 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LILIA NORIA	Cole Information Services
2009	FLORES AMAYA	Cole Information Services
2006	a COBIAN Pablo	Haines Company, Inc
2004	GUILLERMO LOPEZ	Cole Information Services
1999	FLORES AMAYA	Cole Information Services
1994	VILLACORTA, W	Cole Information Services
1976	Brooks Albert	Pacific Telephone
1967	Brooks Albert	Pacific Telephone
1958	Zachary Maisie M	Pacific Telephone

### 1322 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS PERAZA	Cole Information Services
2009	CARLOS PERAZA	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PERAZA Cados	Haines Company, Inc
	SARABIA Rene	Haines Company, Inc
2004	CARLOS PERAZA	Cole Information Services
	PABLO PEREZ	Cole Information Services
	NEFTALI MUNOZ	Cole Information Services
	GERMAN CHINCHILLA	Cole Information Services
1999	CARLOS PERAZA	Cole Information Services
1976	Black Winfred S	Pacific Telephone
1958	Mendoza Richard	Pacific Telephone

### 1324 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JENNIFER HERNANDEZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	ALFREDO PEREZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Walker Lillie Mae	Pacific Telephone

### 1325 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	MICHAEL AUSTIN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	MICHAEL AUSTIN	Cole Information Services
2006	a AUSTIN Michael	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MICHAEL AUSTIN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Curry Gertie	Pacific Telephone
1958	Webb Hayes	Pacific Telephone

### 1328 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANTONIO HERNANDEZ	Cole Information Services
	ERBIN FLORES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	ANTONIO HERNANDEZ	Cole Information Services
	JOSE GARCIA	Cole Information Services
	EVA RAMIREZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
	JOSE CLAROS	Cole Information Services
	ERBIN FLORES	Cole Information Services
2006	FLORES Erbn	Haines Company, Inc
	CORTEZJavier	Haines Company, Inc
	CLAROS Jose Romulo	Haines Company, Inc
	HERNANDEZ Antonio	Haines Company, Inc
2004	ERBIN FLORES	Cole Information Services
	ANTONIO HERNANDEZ	Cole Information Services
	MONIQUE TOWNSEL	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	JOSE CLAROS	Cole Information Services
	LUIS MORALES	Cole Information Services
1999	ERBIN FLORES	Cole Information Services
	ANTONIO HERNANDEZ	Cole Information Services
	JOSE CLAROS	Cole Information Services
	EVA RAMIREZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	JOSE GARCIA	Cole Information Services
1994	HOWARD, GROVER	Cole Information Services
	CHARITY, AUSTIN M JR	Cole Information Services
1976	Charity Austin M Jr	Pacific Telephone
	Branch Cleo Alexander	Pacific Telephone
1967	Matlock Lucy E Mrs	Pacific Telephone
	Charity Austin M Jr	Pacific Telephone
1958	Sansom Ralph Mrs	Pacific Telephone

### 1329 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TATIANA BROWN	Cole Information Services
2009	TATIANA BROWN	Cole Information Services
2006	HARRIS Louis	Haines Company, Inc
	BANKHEAD Rachel	Haines Company, Inc
2004	RACHEL BANKHEAD	Cole Information Services
1999	TATIANA BROWN	Cole Information Services
1994	BANKHEAD, R	Cole Information Services
1976	Bankhead Roosevelt	Pacific Telephone
1967	Bankhead Roosevelt	Pacific Telephone
1958	Bankhead Roosevelt	Pacific Telephone

## FINDINGS

### 1332 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DANIELA PEREZ	Cole Information Services
2009	CLARENCE ZENO	Cole Information Services
2006	a ZENO Clarence	Haines Company, Inc
2004	CLARENCE ZENO	Cole Information Services
1999	CLARENCE ZENO	Cole Information Services
1958	Zeno Clarence	Pacific Telephone

### 1333 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOEL CARRANZA	Cole Information Services
2009	ERIC ROBERTSON	Cole Information Services
2006	RAMOS Isabel	Haines Company, Inc
	ROBERTSON Eric	Haines Company, Inc
	BARRIENTOSJ 8 lme	Haines Company, Inc
2004	PIERRE ROBINSON	Cole Information Services
1999	ERIC ROBERTSON	Cole Information Services
	T ROBINSON	Cole Information Services
1994	ROBINSON, T	Cole Information Services
1976	Robinson Theodore R	Pacific Telephone
1967	Casuccio Jos	Pacific Telephone
1958	Casuccio Jos	Pacific Telephone

### 1336 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ARMADO DELAPAZ	Cole Information Services
2009	ARMADO DELAPAZ	Cole Information Services
2006	a DELAPAZAmado	Haines Company, Inc
2004	ARMADO DELAPAZ	Cole Information Services
1999	ARMADO DELAPAZ	Cole Information Services
1994	DELAPAZ, ARMADO	Cole Information Services
1967	Wicks Penela M	Pacific Telephone

### 1337 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NELDA MCDONALD	Cole Information Services
2009	NELDA MCDONALD	Cole Information Services
2006	a MCDONALD Nelda	Haines Company, Inc
2004	NELDA MCDONALD	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	NELDA MCDONALD	Cole Information Services
1994	MCDONALD, NELDA J	Cole Information Services
1976	Mc Donald Nelda Jean	Pacific Telephone
1967	McDonald Nelda Jean	Pacific Telephone

### 1340 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JORGE HERNANDEZ	Cole Information Services
2009	JORGE HERNANDEZ	Cole Information Services
2006	HERNANDEZ Jorge s	Haines Company, Inc
2004	JORGE HERNANDEZ	Cole Information Services
1999	JORGE HERNANDEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Stephens Janie	Pacific Telephone
1958	Stephens Janie	Pacific Telephone

### 1341 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALFONSO MEDINA	Cole Information Services
2009	ALFONSO MEDINA	Cole Information Services
2006	MEDINA Alfonso	Haines Company, Inc
2004	ALFONSO MEDINA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ALFONSO MEDINA	Cole Information Services
1976	Downey Geo W	Pacific Telephone
1967	Downey Elizabeth	Pacific Telephone
1958	Dell Pamela Mrs	Pacific Telephone

### 1342 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1343 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELIZABETH ACOSTA	Cole Information Services
2009	ELIZABETH ACOSTA	Cole Information Services
2004	JAIME NAVARETE	Cole Information Services
1999	JOSE CABALLERO	Cole Information Services
	ELIZABETH ACOSTA	Cole Information Services
1967	Osorio Fredk	Pacific Telephone

## FINDINGS

### 1344 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE LOPEZ	Cole Information Services
2009	JOSE LOPEZ	Cole Information Services
2006	a LOPEZ Jose GONZALAZKede	Haines Company, Inc Haines Company, Inc
2004	JOSE LOPEZ	Cole Information Services
1999	OCCUPANT UNKNOWN JOSE LOPEZ	Cole Information Services Cole Information Services

### 1345 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE FLORES	Cole Information Services
2009	JUAN CEJA	Cole Information Services
2006	MEDINA Flores Alda FLORES Jose	Haines Company, Inc Haines Company, Inc
2004	ROMAN GONZALEZ	Cole Information Services
1999	JUAN CEJA	Cole Information Services
1994	GONZALEZ, R	Cole Information Services
1967	Cleveland A G	Pacific Telephone
1958	Downey Elizabeth	Pacific Telephone

### 1348 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MAVIS VASQUEZ ANA INTERIANO EDWIN MUNOZ	Cole Information Services Cole Information Services Cole Information Services
2009	EDWIN VASQUEZ ANA INTERIANO	Cole Information Services Cole Information Services
2006	MUNOZ Edwin	Haines Company, Inc
2004	H PATRICIA EDWIN MUNOZ	Cole Information Services Cole Information Services
1999	ANA INTERIANO EDWIN VASQUEZ	Cole Information Services Cole Information Services
1976	Jackson Sullivan Smith Ethel Shueford Evie	Pacific Telephone Pacific Telephone Pacific Telephone
1967	Smith Ethel	Pacific Telephone
1958	Salian Flomen	Pacific Telephone

## FINDINGS

### 1349 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	VLADIMIR LOPEZ	Cole Information Services
2006	FLORES Jose	Haines Company, Inc
1999	VLADIMIR LOPEZ	Cole Information Services
1976	Humphrey Myrtle	Pacific Telephone
	Humphrey Myrtle Moss	Pacific Telephone
1967	Humphrey Chas Sr	Pacific Telephone
	Humphrey Myrtle Moss	Pacific Telephone
1958	Shaner Rose	Pacific Telephone
	Villarruel Arnold C	Pacific Telephone

### 1350 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SAGHITE FLORES	Cole Information Services
	MARIA ROMERO	Cole Information Services
2009	NOE FLORES	Cole Information Services
2006	a FLORES Noe	Haines Company, Inc
2004	JUAN GONZALEZ	Cole Information Services
	NOE FLORES	Cole Information Services
1999	NOE FLORES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1976	Linnear Fannie	Pacific Telephone
1967	Coleman Leathia	Pacific Telephone

### 1351 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PATRICIA MEDINA	Cole Information Services
2009	BERTHA MARTINEZ	Cole Information Services
1999	BERTHA MARTINEZ	Cole Information Services

### 1352 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NERI HERNANDEZ	Cole Information Services
2009	MARIA MEZA	Cole Information Services
2006	MEZA Mara	Haines Company, Inc
	BAUTISTA Cesar	Haines Company, Inc
2004	MARIA MEZA	Cole Information Services
1999	MARIA MEZA	Cole Information Services
1967	Elam Hazel	Pacific Telephone

## FINDINGS

### 1353 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MANUEL IRAETA	Cole Information Services
2009	MANUEL IRAETA	Cole Information Services
2006	FLORES Vctar	Haines Company, Inc
	ANDRADE Angelica	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
	MANUEL IRAETA	Cole Information Services
1976	Jasper Ann	Pacific Telephone
1967	Harvey Helen M	Pacific Telephone

### 1355 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GUILLERMO DAMASO	Cole Information Services
2009	JASMINE GARCIA	Cole Information Services
2006	FLORES Octolla	Haines Company, Inc
	REQUENAPINEDA	Haines Company, Inc
	Arturo	Haines Company, Inc
2004	TOVIAS SANDOVAL	Cole Information Services
1999	JASMINE GARCIA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1976	Green Josie Florence	Pacific Telephone
1967	Green Josie Florence	Pacific Telephone
1958	Rendon Leopoldo	Pacific Telephone

### 1356 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SHARRETTE ARNOLDS	Cole Information Services
2009	SHARRETTE ARNOLD	Cole Information Services
2006	ANDERSON Dareh V	Haines Company, Inc
	o FURBERT Reginald	Haines Company, Inc
2004	DAREN ANDERSON	Cole Information Services
1999	SHARRETTE ARNOLD	Cole Information Services

### 1358 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DEBORAH GREGORY	Cole Information Services
2009	JOHNSON PATRICIA	Cole Information Services
1999	JOHNSON PATRICIA	Cole Information Services
1967	Ward Alphonso	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Monigold Mae	Pacific Telephone

### 1359 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OMAR CARTER	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	OMAR CARTER	Cole Information Services
1976	Mc Donald Clara	Pacific Telephone
1967	Warner Ray W	Pacific Telephone

### 1361 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRENDA ISREAL	Cole Information Services
2009	TONYA SMITH	Cole Information Services
	MIKE MCKENZIE	Cole Information Services
	MELISSA CARTER	Cole Information Services
2004	NELL JAMES	Cole Information Services
1999	MELISSA CARTER	Cole Information Services
	MIKE MCKENZIE	Cole Information Services
	TONYA SMITH	Cole Information Services
1994	JAMES, NELL	Cole Information Services
1976	Avent Artie	Pacific Telephone

### 1408 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NEREIDA SOLIS	Cole Information Services
2009	FREDDY SOLIS	Cole Information Services
	ALBERTO LOPEZ	Cole Information Services
	ULICES SOLIS	Cole Information Services
	ROCIO SANTANA	Cole Information Services
	ADRIAN CASTRO	Cole Information Services
	MARIA PARTIDA	Cole Information Services
2006	PARTIDA Maria SOLIS Guadalupe	Haines Company, Inc
	V PEREZTr 1nidad	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ADRIAN CASTRO	Cole Information Services
	ROCIO SANTANA	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	ULICES SOLIS	Cole Information Services
	FREDDY SOLIS	Cole Information Services
	MARIA PARTIDA	Cole Information Services
	ALBERTO LOPEZ	Cole Information Services
1976	Smith Geo B	Pacific Telephone
	Ward Alphonso	Pacific Telephone
1967	Miller Harry L	Pacific Telephone
1958	Miller Harry L	Pacific Telephone

### 1409 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CAROL MAJOR	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	ECHOL YORK	Cole Information Services
1958	Wessel Chas	Pacific Telephone

### 1414 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services

### 1416 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	HERMENEGILDO RODRIGUEZ	Cole Information Services
	IRIS DILLEDA	Cole Information Services
2009	IRIS DILLEDA	Cole Information Services
2006	BALAM Graclela	Haines Company, Inc
	MIRRAFATI David	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	KAREN BOOTHE	Cole Information Services
1999	IRIS DILLEDA	Cole Information Services

### 1417 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RICHARD HERNANDEZ	Cole Information Services
2009	RICHARD FINNEY	Cole Information Services
1999	RICHARD FINNEY	Cole Information Services
1967	Mabury Harvey L	Pacific Telephone
1958	Mc Guire John	Pacific Telephone

## FINDINGS

### 1418 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROSA PEREZ	Cole Information Services
2009	FRANCISCO GOMEZ	Cole Information Services
2006	a CASTELLANO Gerver	Haines Company, Inc
2004	GERVER CASTELLANOS	Cole Information Services
1999	FRANCISCO GOMEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 1420 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE GARCIA	Cole Information Services
	FREDDY BENITEZ	Cole Information Services
	ANGELA MARSHALL-HENRY	Cole Information Services
2009	JOSE GARCIA	Cole Information Services
2006	AREVALO Janet + GARCIAJose	Haines Company, Inc
2004	PABLO BONILLA	Cole Information Services
1999	JOSE GARCIA	Cole Information Services
1958	Cass Oscar	Pacific Telephone

### 1421 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RICARDO CABRERA	Cole Information Services
2009	RICARDO CABRERA	Cole Information Services
2006	CABRERA Ricardo	Haines Company, Inc
2004	RICARDO CABRERA	Cole Information Services
1999	RICARDO CABRERA	Cole Information Services
1994	POTTS, E	Cole Information Services
1976	Potts Nyanza E	Pacific Telephone
1967	Potts Nyanza E	Pacific Telephone
1958	Johnson Viola H	Pacific Telephone

### 1424 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	RICARDO ALVAREZ	Cole Information Services
2006	MONTIEL Mariaio	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
	RICARDO ALVAREZ	Cole Information Services
1994	RODRIGUEZ, EDDIE F	Cole Information Services
1967	Avery Katherine B Mrs	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Avery Katherine B Mrs	Pacific Telephone

### 1425 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MAURO GUTIERREZ	Cole Information Services
2009	FELIPE LOPEZ	Cole Information Services
2006	a RAMOS Jose A	Haines Company, Inc
2004	JOSE RAMOS	Cole Information Services
	CARLOS MENDEZ	Cole Information Services
1999	FELIPE LOPEZ	Cole Information Services
1967	Toler Theopolis	Pacific Telephone
1958	Toler Theopolis	Pacific Telephone

### 1428 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE MARTINEZ	Cole Information Services
2009	JOSE MARTINEZ	Cole Information Services
2006	MARTINEZ Josa	Haines Company, Inc
2004	ARELI TRINIDAD	Cole Information Services
1999	JOSE MARTINEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	MEJIA, ALFREDO	Cole Information Services
1958	Larsen C Alfred	Pacific Telephone

### 1429 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALFREDO VARGAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	CATALINA HERNANDEZ	Cole Information Services
2006	a HERNANDEZ Cataltna	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	CATALINA HERNANDEZ	Cole Information Services
	WENDY VARGAS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	CATALINA HERNANDEZ	Cole Information Services
1994	CALBRERA, EMILDA	Cole Information Services
1958	Ditto Frank E	Pacific Telephone
	Owens Lurlene	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Kemp Jas D	Pacific Telephone
	Owens Richard G	Pacific Telephone

### 1432 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	REBECCA RODRIGUEZ	Cole Information Services
2009	ANA GONZALEZ	Cole Information Services
2006	o GOCHEZSerbello	Haines Company, Inc
	ORELLANA Reyna	Haines Company, Inc
2004	MWANNA WILLIAMS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ANA GONZALEZ	Cole Information Services
1976	Fuller Louis	Pacific Telephone
1967	Hyson Lillie S	Pacific Telephone

### 1433 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANDRE LOCKHART	Cole Information Services
2009	EMMA LOCKHART	Cole Information Services
	BOOKER FORTSON	Cole Information Services
2006	FORTSON Booker T	Haines Company, Inc
	Sr Mrs	Haines Company, Inc
2004	BOOKER FORTSON	Cole Information Services
	EMMA LOCKHART	Cole Information Services
1999	EMMA LOCKHART	Cole Information Services
	BOOKER FORTSON	Cole Information Services
1994	FORTSON, BOOKER T	Cole Information Services
1976	Fortson Booker T Sr Mrs	Pacific Telephone
	Lockhart Cleveland	Pacific Telephone
1967	Fortson Booker T Sr Mrs	Pacific Telephone
	Lockhart Cleveland	Pacific Telephone
1958	Bissonette W I	Pacific Telephone

### 1434 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CID DEL	Cole Information Services
2009	CID DEL	Cole Information Services
2006	GOCHERZ Servello	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	CID DEL	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	McKenzie Earlie	Pacific Telephone

### 1436 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	TANYA LAWRENCE	Cole Information Services
2006	o BARNETT Atha CIO	Haines Company, Inc
2004	TANYA LAWRENCE	Cole Information Services
1999	TANYA LAWRENCE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1976	Alston Ellen	Pacific Telephone
1967	Alston Ellen	Pacific Telephone
1958	Alston Ellen	Pacific Telephone

### 1437 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	JORGE CARDENAS	Cole Information Services
2009	JORGE CARDENAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	YOLANDA HERRERA	Cole Information Services
2006	CARDENAS Elvira	Haines Company, Inc
	VA HERRERA Ylonda	Haines Company, Inc
2004	JORGE CARDENAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JORGE CARDENAS	Cole Information Services
	YOLANDA HERRERA	Cole Information Services
1958	Fuller Frances	Pacific Telephone

### 1471 W 55TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	ELLIS, WILLIAM	Cole Information Services

## FINDINGS

### **W 56TH**

#### **1106 W 56TH**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1990	JONES ROBERT	Pacific Bell
1942	Bunny John P Marie S	Los Angeles Directory Co.
	SANDEFUR Bessie M wid O R	Los Angeles Directory Co.
1937	Bunny John P Marie S clk PO	Los Angeles Directory Co.
	Bunny Marie S sten Pac Mut Life Inc Co	Los Angeles Directory Co.
	Sandefur Bessie M	Los Angeles Directory Co.
1933	Sandefur Bessie L wid C R	Los Angeles Directory Co.
	Sandefur Marie sten	Los Angeles Directory Co.
	Sandefur Thos clk	Los Angeles Directory Co.
	Sandifur Bessie M dept mgr Broadway Dept Store	Los Angeles Directory Co.
1929	Sandefur Cleveland R chauf h	Los Angeles Directory Co.
	Sandefur Bessie M dept mgr Broadway Dept Store r	Los Angeles Directory Co.
	SANDEFUR Marie sten r	Los Angeles Directory Co.
1924	SANDEFUR Marie steno r	Los Angeles Directory Co.
	SANDEFUR Bessie M Mrs asst buyer Broadway Dept Store r	Los Angeles Directory Co.

#### **1107 W 56TH**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1990	LANE ELLAREE	Pacific Bell
	ROBERSON COY	Pacific Bell
1986	ROBERSON COY	Pacific Bell
1981	ROBERSON COY	Pacific Telephone
1962	Roots Deloris	Pacific Telephone
	Roots Joe	Pacific Telephone
1942	Rachman Saml M lab	Los Angeles Directory Co.
1937	WOLF Carl G Helen E auto mech	Los Angeles Directory Co.
	WOLF Geo A vulc	Los Angeles Directory Co.
1933	Gallardo Carl M Bertha clk PO	Los Angeles Directory Co.
1929	WILLIAMSON Chas E Daisy r	Los Angeles Directory Co.
	WILEY Margt Mrs slsldy r	Los Angeles Directory Co.
	WILLIAMSON Wm C Gertrude h	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.
	Ingling Lewis F r	Los Angeles Directory Co.

## FINDINGS

### 1109 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	THOMPSON MICHELLE	Pacific Bell
1981	DEVERS LORELL	Pacific Telephone
	DEVERS BERTHA MRS	Pacific Telephone
1971	Hishaw Jas M	Pacific Telephone
	Devers Bertha Mrs	Pacific Telephone
	Devers Lorell	Pacific Telephone
1962	Wilder Leatha Mrs	Pacific Telephone
1942	POTTER Hubert W Angie slsmn	Los Angeles Directory Co.
	Potter Angie clk	Los Angeles Directory Co.
1937	Cooper Chloe sten Sears Roebuck & Co	Los Angeles Directory Co.
	JACKSON Steph R Julia C	Los Angeles Directory Co.
	JOHNSON Henry inspr Met Water Dist	Los Angeles Directory Co.
1929	VAUGHAN Versal V Verga h	Los Angeles Directory Co.
	VAUGHN Versal V Battery Tool & Terminal Co r	Los Angeles Directory Co.
1924	SHEPPARD W E clk r	Los Angeles Directory Co.
	SHEPPARD W S slsmn h	Los Angeles Directory Co.

### 1118 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BOWMAN CHAS	Pacific Bell
1986	BOWMAN CHAS	Pacific Bell
1962	Reid Jean D	Pacific Telephone
1942	REID Jean D tchr Pub Sch	Los Angeles Directory Co.
	Trent Harriette K Mrs restrwkr	Los Angeles Directory Co.
1937	Strate Emma	Los Angeles Directory Co.
	REID Jean D tchr City Sch	Los Angeles Directory Co.
1933	REID Jean D tchr City Schs	Los Angeles Directory Co.
	Strete Beatrice beauty opr	Los Angeles Directory Co.
	Strete Emma T nurse	Los Angeles Directory Co.
1929	REID Jean D tchr City Sch h	Los Angeles Directory Co.
1924	Teed Helen G Mrs h	Los Angeles Directory Co.
	REID Jean D tchr r	Los Angeles Directory Co.

### 1119 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GARCIA MARTHA G	Pacific Bell
1962	Gearing Fred C	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Porter Geo M	Pacific Telephone
1942	PORTER Geo M Sadie M lbr	Los Angeles Directory Co.
1937	PORTER Geo M Saidee M mgr Slauson Avenue Lbr Co	Los Angeles Directory Co.
	GRAY Mary wid Jas	Los Angeles Directory Co.
1933	PORTER Geo M Sadie pres Slauson Av Lbr Co	Los Angeles Directory Co.
	Peasley Lorinda E wid W S	Los Angeles Directory Co.
	GRAY Mary C wid J E	Los Angeles Directory Co.
1929	PORTER Geo M Saidee pres Slauson Av Lmbr Co h	Los Angeles Directory Co.
	GRAY Mary C wid J E	Los Angeles Directory Co.
1924	PORTER Geo M sec treas S auson Av Lmbr Co h	Los Angeles Directory Co.
	Peasley L A Mrs r	Los Angeles Directory Co.
	Grey Jas h	Los Angeles Directory Co.

### 1122 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MENDEZ CARLOS	Pacific Bell
1981	LEWIS KENNETH	Pacific Telephone
1962	Cox Florence Rena	Pacific Telephone
1942	Carbonella Danl restrwkr	Los Angeles Directory Co.
	COX Florence R clk P E	Los Angeles Directory Co.
	COX Helen L prin Mt Washington Sch	Los Angeles Directory Co.
	COX Winfield S shoe repr	Los Angeles Directory Co.
1937	COX Winfield S Mary L	Los Angeles Directory Co.
	COX Helen L tchr City Sch	Los Angeles Directory Co.
	COX Florence R clk PE	Los Angeles Directory Co.
1933	COX Florence R clk	Los Angeles Directory Co.
	COX Helen L tchr City Schs	Los Angeles Directory Co.
	COX Winfield S Mary L shoe repr	Los Angeles Directory Co.
1929	COX Winfield S Mary slsmn G J Neumeier	Los Angeles Directory Co.
	COX Florence R clk	Los Angeles Directory Co.
	COX Helen L tchr City Sch	Los Angeles Directory Co.
1924	COX Florence R bkpr r	Los Angeles Directory Co.
	COX Fred W slsmn J V Baldwin Motor Co r	Los Angeles Directory Co.
	COX Helen L tchr r	Los Angeles Directory Co.
	COX Winfield S sec Pacific Coast Leather Co Inc h	Los Angeles Directory Co.



## FINDINGS

### 1137 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BASKIN SIMON	Pacific Bell
	BASKIN JOHNNIE MAE MRS	Pacific Bell
1986	BASKINS STACY A	Pacific Bell
	BASKIN JOHNNIE MAE MRS	Pacific Bell
	BASKIN SIMON	Pacific Bell
1981	BASKIN JOHNNIE MAE MRS	Pacific Telephone
	BASKINS STACY A	Pacific Telephone
	BASKIN SIMON	Pacific Telephone
1971	Baskin Johnnie Mae Mrs	Pacific Telephone
	Baskin Simon	Pacific Telephone
1962	Martiensen Julia	Pacific Telephone
1942	GEISS Conrad Emma	Los Angeles Directory Co.
1937	GEISS Conrad Emma	Los Angeles Directory Co.
1933	Geiss Conrad Emma barber	Los Angeles Directory Co.
1929	Geiss Conrad Emma barber	Los Angeles Directory Co.
1924	Geiss Conrad barber h	Los Angeles Directory Co.

### 1140 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	JACKSON MORRIS	Pacific Telephone
1942	Dougherty Chas Maude	Los Angeles Directory Co.
	Dougherty John B servmn SCG Co	Los Angeles Directory Co.
1937	DAUGHERTY Chas Maude	Los Angeles Directory Co.
	DAUGHERTY Chas jr eng	Los Angeles Directory Co.
	DAUGHERTY John B meter rdr	Los Angeles Directory Co.
	DOUGHERTY John B servmn Sou Calif Gas Co	Los Angeles Directory Co.
1933	DOUGHERTY Chas L Maude formn	Los Angeles Directory Co.
	DOUGHERTY Chas L jr	Los Angeles Directory Co.
	DOUGHERTY Christine	Los Angeles Directory Co.
	DOUGHERTY John B	Los Angeles Directory Co.
1929	DAUGHERTY Ruth cashr Young Shoe Co	Los Angeles Directory Co.
	DOUGHERTY Rith	Los Angeles Directory Co.
1924	DAUGHERTY John gas wkr h	Los Angeles Directory Co.
	r	Los Angeles Directory Co.

## FINDINGS

### 1144 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	JONES MICHAEL	Pacific Bell
1971	Mc Lin Clyde	Pacific Telephone
1942	Hastings Marjorie	Los Angeles Directory Co.
	HASTINGS Thos J Gladys	Los Angeles Directory Co.
	Hastings Jack R	Los Angeles Directory Co.
	Bovelas Gus Christina	Los Angeles Directory Co.
1937	Hastings Thos J Gladys Y slsmn	Los Angeles Directory Co.
	Hastings Robt T bkpr	Los Angeles Directory Co.
	Hadsell Dollie J	Los Angeles Directory Co.
1933	REEVES Hubert A Zoe	Los Angeles Directory Co.
1929	HASTINGS Thos J Gladys	Los Angeles Directory Co.
1924	HASTINGS Thos G mach h	Los Angeles Directory Co.

### 1148 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GREEN S L	Pacific Bell
1986	GREEN S L	Pacific Bell
1971	Dorsey Lynetta	Pacific Telephone
1962	Krenwinkel Joe	Pacific Telephone
1942	Sanchez Armando Ruth checker SPCo	Los Angeles Directory Co.
1937	Flatt Arth W slsmn	Los Angeles Directory Co.
	MARSHALL Amy V wid H S	Los Angeles Directory Co.
1933	RICHMOND J H	Los Angeles Directory Co.
1929	Marshall Chas T mech	Los Angeles Directory Co.
1924	ABBEY HOTEL Otto K mach h	Los Angeles Directory Co.

### 1149 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	DYER WANDA	Pacific Bell
1971	Lopez Frank	Pacific Telephone
	Powell Hermon	Pacific Telephone
1962	Haggerty Alma	Pacific Telephone
	Mc Farland Dorothy	Pacific Telephone
1942	FOWLER Frances V	Los Angeles Directory Co.
	HANSEN Dagmar Mrs	Los Angeles Directory Co.
	SMITH Grace clk	Los Angeles Directory Co.
	SMITH Grace D biller	Los Angeles Directory Co.
	THOMPSON Juanita L bkpr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	FOWLER Frances V	Los Angeles Directory Co.
	HANSEN Lydia Mrs	Los Angeles Directory Co.
	THOMPSON Juanita L bkpr	Los Angeles Directory Co.
1933	THOMPSON Juanita L bkpr	Los Angeles Directory Co.
	FOWLER Frances V	Los Angeles Directory Co.
1929	Railsback Maria Mrs sten r	Los Angeles Directory Co.
	Railsback Richd S Marie auto mech h	Los Angeles Directory Co.
	FOWLER F Viola Mrs	Los Angeles Directory Co.
1924	Atwater J W slsmn Cal Glass & Paint Co r	Los Angeles Directory Co.
	FOWLER Viola h	Los Angeles Directory Co.
	THOMPSON Juanita steno r	Los Angeles Directory Co.
	SMITH R V slsmn Calif Glass & Paint Co r	Los Angeles Directory Co.

### 1153 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CROWELL JOHN	Pacific Bell
1986	CROWELL JOHN	Pacific Bell
1981	CROWELL JOHN	Pacific Telephone
1971	Crowell John	Pacific Telephone
1942	SOMMER Herman E Audrey	Los Angeles Directory Co.
1937	Leland Leland Paul N Helen mgr Leland Elec Co	Los Angeles Directory Co.
1933	Stinson David	Los Angeles Directory Co.
1929	Mc DONELL J B mach	Los Angeles Directory Co.

### 1157 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	EVANS GIDEON	Pacific Bell
1986	EVANS GIDEON	Pacific Bell
1981	EVANS GIDEON	Pacific Telephone
1971	Evans Gideon	Pacific Telephone
1962	Evans Gideon	Pacific Telephone
1942	Mc DONALD Cecil E Selma frt traf agt UPRR Co	Los Angeles Directory Co.
	Mattea Benj aircftwkr	Los Angeles Directory Co.
1937	WILDE Robt J	Los Angeles Directory Co.
1933	EICHLER Harry A Clara drftsmn	Los Angeles Directory Co.
1929	Platz Anton Ursula blrmkr	Los Angeles Directory Co.
1924	Platz Dorothy typist Harbor Dept r	Los Angeles Directory Co.
	Platz Antone boilerwkr h	Los Angeles Directory Co.

## FINDINGS

### 1203 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	FORD Z	Pacific Telephone
1962	Dunn Celestine	Pacific Telephone
1942	Bagge Ingrid waiter	Los Angeles Directory Co.
	Bagge Richd Frances whsmn	Los Angeles Directory Co.
1929	SACKS Carl O Evelyn slsmn Klein Norton Co h	Los Angeles Directory Co.

### 1204 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	YOUNG W M	Pacific Bell
1986	YOUNG W M	Pacific Bell
1971	Faul H W	Pacific Telephone
1962	Faul H W	Pacific Telephone
1942	Faul Henry W Ida F printer	Los Angeles Directory Co.
1937	Faul Henry W Ida printer	Los Angeles Directory Co.
1933	Faul Beryl L	Los Angeles Directory Co.
1929	Faul Beryl tchr	Los Angeles Directory Co.
1924	Faul Loween bkpr r	Los Angeles Directory Co.
	Faul Henry W printer h	Los Angeles Directory Co.
	Faul Beryl telep r	Los Angeles Directory Co.

### 1205 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	MANNING Jennie wid R K	Los Angeles Directory Co.
1937	MANNING Rockwell K Jennie A	Los Angeles Directory Co.
1933	MANNING Rockwell K Jennie A	Los Angeles Directory Co.
1929	PEARCE Wm J chf nurse Receiving Hosp	Los Angeles Directory Co.
	MANNING Rockwell K Jennie	Los Angeles Directory Co.
1924	Eglash Morris h	Los Angeles Directory Co.

### 1208 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Lithgow Harvey J	Pacific Telephone
1942	Krohn Frank G Anna O	Los Angeles Directory Co.
1937	Krohn Frank G Anna O mach	Los Angeles Directory Co.
1933	KROHN Raymond F sten	Los Angeles Directory Co.
1929	KROHN Frank G Anna mldr	Los Angeles Directory Co.
	Galli Barney leatherwkr	Los Angeles Directory Co.
1924	Krohn Frank G mldr h	Los Angeles Directory Co.

## FINDINGS

### 1209 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ASHBY HAROLD REV	Pacific Telephone
1962	Jacob Jos	Pacific Telephone
1942	Slaty Jos Ida	Los Angeles Directory Co.
1937	Groh Dorothy J	Los Angeles Directory Co.
	Slaty Jos Ida baker	Los Angeles Directory Co.
1933	OLSEN Carl	Los Angeles Directory Co.
	Slaty Jos Ida baker	Los Angeles Directory Co.
1929	Slaty Joe Ida baker h	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.
	NOLL Clarence auto mech r	Los Angeles Directory Co.

### 1212 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	COLE RACHEL K	Pacific Telephone
1962	Riley Autry D Mrs	Pacific Telephone
1942	EMERSON Fredk R	Los Angeles Directory Co.
	BRIGGS Marshall R Beatrice mach	Los Angeles Directory Co.
	ROSEN Jack L USA	Los Angeles Directory Co.
1937	EMERSON Fred R Ella M clk	Los Angeles Directory Co.
1933	RICE Larry	Los Angeles Directory Co.
	RICE Harry A Carrie C	Los Angeles Directory Co.
1929	RICE Harry A C M eng h	Los Angeles Directory Co.

### 1220 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	TARPLEY ELNORA	Pacific Bell
1986	TARPLEY ELNORA	Pacific Bell
1981	TARPLEY ELNORA	Pacific Telephone
1971	Tarpley Elnora	Pacific Telephone
1962	Crudup Elnora	Pacific Telephone
1942	Stanfield Anna Mrs	Los Angeles Directory Co.
1937	STANFIELD Leroy A chauf	Los Angeles Directory Co.
	STANFIELD Anna Mrs	Los Angeles Directory Co.
1933	STANFIELD Annie wid E L	Los Angeles Directory Co.
	STANFIELD Le Roy swamper	Los Angeles Directory Co.
1929	STANFIELD Anna Mrs h	Los Angeles Directory Co.
	STANFIELD Marie C phone opr r	Los Angeles Directory Co.

## FINDINGS

### 1225 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GILMORE JOHN L	Pacific Bell
1986	GILMORE JOHN I	Pacific Bell
1981	GILMORE JOHN L	Pacific Telephone
	GILMORE JOHN L	Pacific Telephone
1971	Gilmore John L	Pacific Telephone
1962	Rodriguez Earl J	Pacific Telephone
1942	Weirbach Albt W Inez slsmn Auto Club of Son Cal	Los Angeles Directory Co.
1937	HOUSE Mildred	Los Angeles Directory Co.
	MARTIN Floyd W Phyllis H	Los Angeles Directory Co.
	MARTIN Phyllis H Mrs tchr City Sch	Los Angeles Directory Co.
1933	MORRIS Russell E Cath chauf	Los Angeles Directory Co.
1929	Clarkson W I Ida lab	Los Angeles Directory Co.
	Clarkson Katie V priv sec	Los Angeles Directory Co.

### 1229 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HOWARD ULYSSES	Pacific Bell
1986	HOWARD ULYSSES	Pacific Bell
1981	HOWARD ULYSSES	Pacific Telephone
1942	Marcusse Harriet	Los Angeles Directory Co.
1937	SMITH Clarence R Winifred oil driller	Los Angeles Directory Co.
1933	SMITH Clarence R chauf	Los Angeles Directory Co.
	Funchion Winifred	Los Angeles Directory Co.
1929	Boeckelmann Harry J Anna slsmn	Los Angeles Directory Co.
1924	Boeckelmann Harry J slsmn h	Los Angeles Directory Co.

### 1230 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	SARJEANT KEFTY	Pacific Telephone
	HUNTLEY GRACE A	Pacific Telephone
1971	Hynds M	Pacific Telephone
	Williams Thelma	Pacific Telephone
1962	Hynds Mildred	Pacific Telephone
	Carlos Emanuel	Pacific Telephone
1942	BAUM Louis Blanche	Los Angeles Directory Co.
	RICHARDSON Royal	Los Angeles Directory Co.
	Woskow Ben Ida slsmn	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Hume Clarence H Dora clk	Los Angeles Directory Co.
	Hume Ricld C Genevieve parts mgr Thompson Nash Motor Co	Los Angeles Directory Co.
1929	Craddick Chas Eliz lawyer	Los Angeles Directory Co.

### 1234 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	RAMIREZ VICTOR P	Pacific Bell
1981	SHEPARD ROBT	Pacific Telephone
1971	Porter Shirley M	Pacific Telephone
	Randale L	Pacific Telephone
1962	Lewis Shirley	Pacific Telephone
	Lewis Leanna	Pacific Telephone
1942	HARRIS Geneice slswn	Los Angeles Directory Co.
	LAMBERT Amos Kath truck driver	Los Angeles Directory Co.
	LAMBERT Mary Mrs	Los Angeles Directory Co.
	LAMBERT Theo truck driver	Los Angeles Directory Co.
1937	Newberger Dorothy	Los Angeles Directory Co.
1933	Wakefield Master Printers Assn	Los Angeles Directory Co.
	Neuburger Dorothy	Los Angeles Directory Co.
1929	Neuburger Jos B Carolyn phys	Los Angeles Directory Co.

### 1235 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	BROWN JIMMIE	Pacific Bell
	CARTER PATRICIA	Pacific Bell
1942	Mowlin Harry bkpr Mrs Dora Kaplan	Los Angeles Directory Co.
1937	SCOTT Helen clk	Los Angeles Directory Co.
	SCHWARTZ Henry J mfrs agt	Los Angeles Directory Co.
	SCOTT Raymond W Helen J lab County Surveyor	Los Angeles Directory Co.
1933	Schock Herbt Anne	Los Angeles Directory Co.
1929	WEBB S F Helen driver h	Los Angeles Directory Co.

### 1249 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GATES THELMA	Pacific Bell
1986	GATES THELMA	Pacific Bell
1981	GATES THELMA	Pacific Telephone
1971	Gates Thelma	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Thompson Curtis L	Pacific Telephone
1942	Short John W Nellie pntr	Los Angeles Directory Co.
1937	Bitts Chas G delmn	Los Angeles Directory Co.
	Bitts Chas E Mary	Los Angeles Directory Co.
1933	Mc Mahon Harold Anna pntr	Los Angeles Directory Co.
1929	Metcalf Cyrus C Nina mach	Los Angeles Directory Co.
1924	Metcalf C C oil Wkr h	Los Angeles Directory Co.

### 1254 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	POST ANTHONY R	Pacific Telephone
1971	Russell Mattie	Pacific Telephone
1962	Gallardo Maria	Pacific Telephone
1937	ROCHE John H Geraldine M acct	Los Angeles Directory Co.
	ROCHE Emma T wid John	Los Angeles Directory Co.
1933	ROCHE John H	Los Angeles Directory Co.
	ROCHE Emma T wid Chas	Los Angeles Directory Co.
1929	ROCHE JOHN H Depy U S Marshal h	Los Angeles Directory Co.
	ROCHE Emma T wid John h	Los Angeles Directory Co.
1924	ROCHE John H r	Los Angeles Directory Co.
	ROCHE Emma T wid John h	Los Angeles Directory Co.

### 1256 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	GREER John Myrtle aircrftwkr	Los Angeles Directory Co.
	GREER Myrtle C clk	Los Angeles Directory Co.
1933	Causby Valesta clk	Los Angeles Directory Co.
	La Duke Elwin R Boita ydmn SP Co	Los Angeles Directory Co.
1929	Clinton Chas E Deseretta	Los Angeles Directory Co.
1924	Zemrowski Valerie compt opr r	Los Angeles Directory Co.
	Zemrowski Chesle H steno h	Los Angeles Directory Co.

### 1257 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MEEKS MELVIN E	Pacific Bell
1986	MEEKS MELVIN E	Pacific Bell
1962	Smith Mary	Pacific Telephone
1942	ARMSTRONG Ray	Los Angeles Directory Co.
1937	Berti Emil D Edna quar officer County Health Dept	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Van Syoc A M Mrs	Los Angeles Directory Co.

### 1260 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	MCKINNEY INDIA L	Pacific Telephone
1942	Evans Bessie wid W H	Los Angeles Directory Co.
	SHEETS Bessie Mrs clk	Los Angeles Directory Co.
1937	SCHUMACHER Jack W firemn LAFD	Los Angeles Directory Co.
	Shumake John	Los Angeles Directory Co.
1933	JOHNSON Fred M Hazel	Los Angeles Directory Co.
1929	Schumacher John mach opr r	Los Angeles Directory Co.
	Schumacher Carl H police r	Los Angeles Directory Co.
	KRAFT Otila	Los Angeles Directory Co.
	KRAFT Caroline wid Henry	Los Angeles Directory Co.
	SCHUMACHER Jos J bkpr Murphy Constr Co r	Los Angeles Directory Co.
	SCHUMACHER Karl police r	Los Angeles Directory Co.

### 1261 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WILLIAMS ROY J E	Pacific Bell
1986	WILLIAMS ROY J E	Pacific Bell
1981	WILLIAMS ROY J E	Pacific Telephone
1971	Williams Roy J E	Pacific Telephone
1942	LINDSEY Chas W	Los Angeles Directory Co.
	LINDSEY Chas D Anna	Los Angeles Directory Co.
1937	LINDSEY Chas D Anna N	Los Angeles Directory Co.
	LINDSEY C Willard	Los Angeles Directory Co.
1933	LINDSEY Chas D Anna clk	Los Angeles Directory Co.
1929	Lindsey Chas D Anna	Los Angeles Directory Co.
1924	Lindsey Chas D Yale & Lindsey h	Los Angeles Directory Co.
	NELSON W Mrs r	Los Angeles Directory Co.

### 1305 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	CARRUTH VELMA	Pacific Telephone
1942	BLUE Robt	Los Angeles Directory Co.
1937	Van Leer Harry B Ada	Los Angeles Directory Co.
	Van Leer Ada Mrs slswn	Los Angeles Directory Co.
1933	OWEN Edw A Emma slsmn	Los Angeles Directory Co.

## FINDINGS

### 1307 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	TRAVIS DANL SR	Pacific Bell
1986	TRAVIS DANL SR	Pacific Bell
1962	Toussaint Danl	Pacific Telephone
1942	Van Leer Harry B Ada	Los Angeles Directory Co.
1937	STACEY Wm G Ruth E linoleum lyr	Los Angeles Directory Co.
1929	Norwood Alonzo H Kathryn slsmn Consolidated Lmbr Co	Los Angeles Directory Co.

### 1308 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WALKER JOHN	Pacific Bell
1986	WALKER JOHN	Pacific Bell
1971	Ashley Mayme B	Pacific Telephone
	Thompson Gerald E	Pacific Telephone
1962	Ashley Van	Pacific Telephone
	Ashley Mayme	Pacific Telephone
1942	LOWRY Michl J Teresa shtmtlwks	Los Angeles Directory Co.
1937	LOWRY Esther	Los Angeles Directory Co.
	LOWRY Michl J Teresa E shtmtlwks	Los Angeles Directory Co.
1933	Tripp Herbt M Mary auto mech	Los Angeles Directory Co.
1929	h	Los Angeles Directory Co.
	Tripp Herbt M Mary auto repr	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

### 1309 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GLENN JACKIE	Pacific Bell
1986	GLENN HENRY	Pacific Bell
1981	GLENN HENRY	Pacific Telephone
1971	Glenn Henry	Pacific Telephone
	Glenn Stephanie E	Pacific Telephone
1962	Glenn Henry	Pacific Telephone
1942	Crede Frank Bernice teller Bof A	Los Angeles Directory Co.
	Crede Anna M	Los Angeles Directory Co.
1933	Crede Frank Bernice teller Bank of Am	Los Angeles Directory Co.
1924	Munzesheimer Lorraine r	Los Angeles Directory Co.
	Munzesheimer Harty h	Los Angeles Directory Co.

## FINDINGS

### 1312 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HARRIS KEVIN M	Pacific Bell
	HARRIS WILLIE BENJAMIN	Pacific Bell
1986	HARRIS WILLIE BENJAMIN	Pacific Bell
1981	HARRIS WILLIE BENJAMIN	Pacific Telephone
1971	Harris Willie Benjamin	Pacific Telephone
1962	Davis Johnse Mae	Pacific Telephone
1942	MAGRAW Helen mach opr	Los Angeles Directory Co.
	MAGRAW Paul D Helen mach	Los Angeles Directory Co.
1937	Mc GRAW Russell P	Los Angeles Directory Co.
	Mc Graw Helen E mach opr	Los Angeles Directory Co.
	Mc GRAW Paul D Helen mach	Los Angeles Directory Co.
1929	Flaws Geo M spl agt Coml Ins Co	Los Angeles Directory Co.
	Flaws Hazel F phone opr	Los Angeles Directory Co.
	HODGE Floyd E clk	Los Angeles Directory Co.

### 1316 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SMITH ORANIE MAE	Pacific Bell
1986	SMITH ORANIE MAE	Pacific Bell
1981	SMITH ORANIE MAE	Pacific Telephone
1971	Holland Louis	Pacific Telephone
	Smith Oranie Mae	Pacific Telephone
1962	Smith Oranie Mae	Pacific Telephone
1942	Biddle Jas A aircrftwkr	Los Angeles Directory Co.
	Biddle Jas F Patricia	Los Angeles Directory Co.
	WHITE Everett A bellmn	Los Angeles Directory Co.
1937	Biddle Jas F Patricia E mtrmn	Los Angeles Directory Co.
1933	FOSTER Frank W Margt Hunter & Foster	Los Angeles Directory Co.
	HUSTON Earl L Dora L chauf	Los Angeles Directory Co.
1924	Schmolscke Lilly r	Los Angeles Directory Co.
	Schmolscke Anna h	Los Angeles Directory Co.

### 1320 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	RAYMOND ALBERT S	Pacific Bell
	RAYMOND VELVER MAE	Pacific Bell
1986	RAYMOND VELVER MAE	Pacific Bell
	RAYMOND ALBERT S	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	RAYMOND VELVER MAE	Pacific Telephone
	RAYMOND ALBERT S	Pacific Telephone
1971	Raymond Velper Mae	Pacific Telephone
	Raymond Albert S	Pacific Telephone
1962	De Cristofaro Isabella Mrs	Pacific Telephone
1937	Sholund Otto Frieda meat ctr	Los Angeles Directory Co.
	Munzer Alex mach	Los Angeles Directory Co.
	Muenzer Alex Eva mach	Los Angeles Directory Co.
1933	NELSON Harry V Bertha	Los Angeles Directory Co.
	NELSON Bertha F smstrs	Los Angeles Directory Co.
	COPELAND Kern H Elsie	Los Angeles Directory Co.
1929	ORR Joe driver	Los Angeles Directory Co.
	NELSON Harry V Bertha auto mech	Los Angeles Directory Co.
1924	Rath Frank F foremn Cromble & Co r	Los Angeles Directory Co.
	NELSON Bertha waiter r	Los Angeles Directory Co.

### 1324 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MANTAS GEO	Pacific Bell
1986	MANTAS GEO	Pacific Bell
1981	MANTAS GEO	Pacific Telephone
1971	Mantas Geo	Pacific Telephone
1962	Mantas Geo	Pacific Telephone
1942	Mantas Geo Mary cook	Los Angeles Directory Co.
1937	PARKER John D Albertine	Los Angeles Directory Co.
1933	PARKER John D	Los Angeles Directory Co.
1929	PARKER John D Albertine pntr	Los Angeles Directory Co.

### 1333 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Figge Christian Pauline	Los Angeles Directory Co.
1933	ROGERS Kath clk	Los Angeles Directory Co.
	ROGERS Kate wid Wm A	Los Angeles Directory Co.
	ROGERS Agnes sten	Los Angeles Directory Co.
1929	ROGERS Wm A Kate h	Los Angeles Directory Co.
	ROGERS Lillian waiter r	Los Angeles Directory Co.
	ROGERS Hortense waiter r	Los Angeles Directory Co.
	ROGERS Agnes C sten r	Los Angeles Directory Co.
1924	ROGERS Paul F bkbndr h	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Wittwer I J barber h	Los Angeles Directory Co.

### 1336 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	EDWARDS JOHN	Pacific Telephone
1962	Grigsby Wm	Pacific Telephone
1942	Bender Gladys sten	Los Angeles Directory Co.
	MARSH Geo H Harriet	Los Angeles Directory Co.
1937	MARSH Geo H Harriet G customers mn E F Hutton & Co	Los Angeles Directory Co.
1933	MARSH Geo H Harriett customersmn E F Hutton & Co	Los Angeles Directory Co.
1929	MARSH Geo E Harriett	Los Angeles Directory Co.
	MARSH Geo W slsnm E F Hutton & Co	Los Angeles Directory Co.
1924	MARSH G H h	Los Angeles Directory Co.
	MARSH Harriette atndt r	Los Angeles Directory Co.

### 1343 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WILLIAMS D	Pacific Telephone
1962	Burnett Geo Jr	Pacific Telephone
1942	Holland Albt F Angelina heater Installer	Los Angeles Directory Co.
1937	Holland Albt F Angie T auto mech	Los Angeles Directory Co.
1933	Holland Albt F	Los Angeles Directory Co.
1929	Holland Albt F Alma slsmn	Los Angeles Directory Co.

### 1346 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Di Luccia Clara	Pacific Telephone
	Hamilton Mary	Pacific Telephone
1937	Hall John M Edith carrier PO	Los Angeles Directory Co.
1933	HALL John M Edith W carrier PO	Los Angeles Directory Co.
1929	HALL John M Edith carrier P O	Los Angeles Directory Co.
	HALL Phyllis E tchr	Los Angeles Directory Co.

### 1347 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	TAYLOR CHRISTINE	Pacific Telephone
1962	Hasson Alegre	Pacific Telephone
1937	WHITE John H Fern L boxmkr	Los Angeles Directory Co.
1933	La Vezzi Nellie C	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Parker Albt O chauf	Los Angeles Directory Co.
	Hooey Edwin D	Los Angeles Directory Co.
	Lavezzi John S Nellie jan	Los Angeles Directory Co.

### 1349 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CHESTNUT WILLIS	Pacific Bell
1986	CHESTNUT WILLIS	Pacific Bell
1971	Tripplett Larry	Pacific Telephone
1962	Ochoa Tula	Pacific Telephone
	Ybarra Pedro Jr	Pacific Telephone
1942	Horton Clarence Vivian millwkr	Los Angeles Directory Co.
	MORGAN Peter Margt fctywkr	Los Angeles Directory Co.
	SMITH Robt E Beulah clk	Los Angeles Directory Co.
	OWENS Arch C custodian Pub Sch	Los Angeles Directory Co.
1937	Gravier Benj L carp	Los Angeles Directory Co.
	Gardner Leonard carp	Los Angeles Directory Co.
	CALHOUN Warner L Eliz L baker	Los Angeles Directory Co.
	Gravier Carl A Dorothy A carp	Los Angeles Directory Co.
	Solter Chas	Los Angeles Directory Co.
1933	HOPE May C slswn	Los Angeles Directory Co.
1929	Shoebridge Reginald drftsmn Smith Lee r	Los Angeles Directory Co.
	PASCOE Edwin	Los Angeles Directory Co.
	PASCOE Chas E Edna police	Los Angeles Directory Co.
	Pascoe Cath Mrs	Los Angeles Directory Co.
	MAY Richd L chauf	Los Angeles Directory Co.
	Keel Chas Kaiser & Keel	Los Angeles Directory Co.
	KAISER Geo garage	Los Angeles Directory Co.
	KAISER Letson B Kaiser & Keel	Los Angeles Directory Co.

### 1411 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	MIRANDA ABRAHAM C	Pacific Telephone
1971	Scott Mary F	Pacific Telephone
	Scott Moses	Pacific Telephone
1942	SWETT Luella N Mrs	Los Angeles Directory Co.
1937	Lynch Matthew Marie mech	Los Angeles Directory Co.
1933	Benenati John Clara clo prsr	Los Angeles Directory Co.
	Martin Clara Mrs	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	MARTIN Wm A DorothyPolice	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

### 1416 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WALL ESTHER	Pacific Bell
1986	WALL ESTHER	Pacific Bell
1981	WALL ESTHER	Pacific Telephone
1971	Wall Esther	Pacific Telephone
1962	Wall Esther	Pacific Telephone
1942	Brehm Francis L Lileen rutbberwkr	Los Angeles Directory Co.
1937	HUBER Fredk	Los Angeles Directory Co.
	Lynch Geo A ins agt	Los Angeles Directory Co.
	MERRILL Jennie Mrs	Los Angeles Directory Co.
	Stamps Geo F Rose oilwkr	Los Angeles Directory Co.
	Stamps John E	Los Angeles Directory Co.
1933	JORDAN A Louise	Los Angeles Directory Co.
	JORDAN Ray M A Nelsyne slsmn	Los Angeles Directory Co.
	MERRILL Jennie wid W C	Los Angeles Directory Co.
1929	Washburn Ernest A Cora formn Internatl Harvester Co h	Los Angeles Directory Co.
1924	Daniel Wells W h	Los Angeles Directory Co.
	HOOVER F S auto mech r	Los Angeles Directory Co.
	Washburn Ernest A reprmn h	Los Angeles Directory Co.

### 1420 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WAGNER MARGARET	Pacific Bell
	WAGNER ELEANOR	Pacific Bell
1986	WAGNER MARGARET	Pacific Bell
	WAGNER ELEANOR	Pacific Bell
1981	WAGNER MARGARET	Pacific Telephone
	WAGNER ELEANOR	Pacific Telephone
1971	Wagner Margaret	Pacific Telephone
	Wagner Eleanor	Pacific Telephone
1962	Spath Ed J	Pacific Telephone
1942	Spath Edw J Nelle C	Los Angeles Directory Co.
	MASON Florence M	Los Angeles Directory Co.
1937	Spath Edw J Nellie C tel repr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Gensch Edw Nelle slsmn	Los Angeles Directory Co.
	COOK Nelle	Los Angeles Directory Co.
1933	Spath Edw J Nellie C collr	Los Angeles Directory Co.
	COOK Mary E wid Thos	Los Angeles Directory Co.
1929	Spath Edw J collr h	Los Angeles Directory Co.
1924	Mason Geo H Janitor h	Los Angeles Directory Co.
	LOYD Jennie E Mrs r	Los Angeles Directory Co.
	LOYD Harry condr Santa Fe r	Los Angeles Directory Co.
	LLOYD Robt R clk to aud L A Gas & Elec Corp r	Los Angeles Directory Co.
	LLOYD Leland S stage hnd h	Los Angeles Directory Co.

### 1421 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ELMORE J T	Pacific Telephone
1971	Sheppard Patricia Mrs	Pacific Telephone
1942	BROWN Nelson R Ruth E mach	Los Angeles Directory Co.
1937	BATES Geo E Ida L auto mech	Los Angeles Directory Co.
1933	Addie Grace Mrs	Los Angeles Directory Co.
1924	Devlin Cora M h	Los Angeles Directory Co.

### 1425 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WILLIE A MRS	Pacific Telephone
1971	Willie A Mrs	Pacific Telephone
1962	Willie A Mrs	Pacific Telephone
1942	GARDNER Sidney R clk	Los Angeles Directory Co.
	GARDNER Raymond J Keziah gdnr	Los Angeles Directory Co.
1937	Greer Kirby A sta mgr Genl Pet Corp	Los Angeles Directory Co.
	Greer Francis S	Los Angeles Directory Co.
1929	Mc PHAIL Kenneth R Grace eng	Los Angeles Directory Co.
	Easton Mabel clk	Los Angeles Directory Co.
1924	Woodson Floyd E dental mech Alex Le Blanc r	Los Angeles Directory Co.
	Woodson John W eng h	Los Angeles Directory Co.

### 1437 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	AUBERT EARL	Pacific Bell
1986	AUBERT EARL	Pacific Bell



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	AUBERT EARL	Pacific Telephone
1971	Aubert Earl	Pacific Telephone
1962	Aubert Earl	Pacific Telephone
1942	Bocchieri Jos Bocchieri Emanuele Ann M clk	Los Angeles Directory Co. Los Angeles Directory Co.
1937	Bocchieri Jos Josephine tilestr Bocchieri Emmanuel slsmn	Los Angeles Directory Co. Los Angeles Directory Co.
1933	Bocchieri Jos Josephine Bocchieri Emanuel int decorator	Los Angeles Directory Co. Los Angeles Directory Co.
1929	Bocchieri Nelie mlnr Bocchieri Jos Josy cementwkr	Los Angeles Directory Co. Los Angeles Directory Co.
1924	Bocchieri Jos marble wkr h	Los Angeles Directory Co.

### 1441 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SOMERVILLE J D SOMERVILLE MATTIE LEE	Pacific Bell Pacific Bell
1986	SOMERVILLE J D SOMERVILLE MATTIE LEE	Pacific Bell Pacific Bell
1981	SOMERVILLE J D SOMERVILLE MATTIE LEE	Pacific Telephone Pacific Telephone
1971	Somerville J D Somerville Mattie Lee	Pacific Telephone Pacific Telephone
1962	Somerville Mattie Lee Somerville J D	Pacific Telephone Pacific Telephone
1942	Tindle Henry E Alice L bartndr NELSON Robt O copyboy NELSON Nels O Alice E lab Albers David L Jeanette E seamn	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.
1937	Sample Helen C Mrs v prin City Sch NELSON Wesley msngr NELSON Louise clk	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.
1933	Samson Helen C Mrs tchr City Schs Sample Luther H Helen C slsmn CROW Wm E tchr City Schs CROW Walter P mach	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.
1929	Moeller Dorah C dom SAMPLE Luther H Helen slsmn Domestic Lndy Service h	Los Angeles Directory Co. Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	SAMPLE Helen C tchr City Sch r	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

### 1444 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JOHNSON PAUL REV	Pacific Bell
1962	Kravitz Phil	Pacific Telephone
1937	Maloney Margt sten	Los Angeles Directory Co.
	Maloney Jas J Alice M waiter	Los Angeles Directory Co.
1933	PETERS Ralph B carp	Los Angeles Directory Co.
	NELSON Hugh Sophie clk	Los Angeles Directory Co.
1929	MALONEY Jas J Alice waiter	Los Angeles Directory Co.
1924	MALONEY Jas rest h	Los Angeles Directory Co.

### 1447 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LENDSEY HELEN	Pacific Bell
1971	Fobbs Eli	Pacific Telephone
1962	Phiefer Ellen E	Pacific Telephone
1942	GROCE Mary wid F E	Los Angeles Directory Co.
	GROCE Bert E	Los Angeles Directory Co.
	BARROWS Doris A Mrs	Los Angeles Directory Co.
1937	HANSEN Raymond	Los Angeles Directory Co.
	HANSEN Glnn	Los Angeles Directory Co.
	HANSEN Eliz wid Lars	Los Angeles Directory Co.
	HANSEN Barbara dancer	Los Angeles Directory Co.
1933	Tinkle Ruby M clk	Los Angeles Directory Co.
	Kinkle Jesse Anna	Los Angeles Directory Co.
	Kinkle Margt tel opr	Los Angeles Directory Co.
1929	Curdie Robt Jr Ethel Am Auto Parts Co	Los Angeles Directory Co.
1924	Brunstrup Burt decorator h	Los Angeles Directory Co.

### 1448 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MILTON ROY JR	Pacific Bell
1986	MILTON ROY JR	Pacific Bell
1962	Christopher Leon	Pacific Telephone
1942	OBRIEN John H Pearl blrmkr	Los Angeles Directory Co.
1937	OBRIEN Francis J Evolyn V	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	OBRIEN Mary Mrs	Los Angeles Directory Co.
	OBRIEN Frances J clk	Los Angeles Directory Co.
	OBRIEN Francis J clk	Los Angeles Directory Co.
1929	OBRIEN Mary A wid F J	Los Angeles Directory Co.
	OBRIEN Harry J carp	Los Angeles Directory Co.

### 1452 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GREEN A J	Pacific Bell
1986	GREEN A J	Pacific Bell
1981	GREEN A J	Pacific Telephone
1971	Green A J	Pacific Telephone
1942	THOMPSON Celine wid A S	Los Angeles Directory Co.
1937	THOMPSON Celine V wid A S	Los Angeles Directory Co.
1933	THOMPSON Albt S Caline	Los Angeles Directory Co.
1929	THOMPSON Albt S Celine h	Los Angeles Directory Co.

### 1453 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	HOLMES P E	Pacific Bell
1981	ANTHONY LINDA	Pacific Telephone
1971	Noyes Sharon	Pacific Telephone
1962	Ito S	Pacific Telephone
1942	BAILEY Ethlyn wid Lester	Los Angeles Directory Co.
	DICKINSON Esther J clk	Los Angeles Directory Co.
	DICKINSON Thos G Esther tirebldr	Los Angeles Directory Co.
1937	BAILEY Ethelyn wid L H	Los Angeles Directory Co.
	DICKINSON Esther J	Los Angeles Directory Co.
	DICKINSON Thos G Easther tire bldr	Los Angeles Directory Co.
	GOULD Bessie wid Albt custodian Bd of Educ	Los Angeles Directory Co.
1933	Macomber Fred mech	Los Angeles Directory Co.
	Macomber Fred mech	Los Angeles Directory Co.
	HALSTEAD Woodrow W	Los Angeles Directory Co.
	HALSTEAD Wm L Alice W literary critic USC	Los Angeles Directory Co.
1929	MACOMBER Fred Grace plmbr	Los Angeles Directory Co.
1924	Macomber Fred plumber h	Los Angeles Directory Co.

## FINDINGS

### 1456 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	STRONG B	Pacific Bell
1986	STRONG B	Pacific Bell
1981	STRONG B	Pacific Telephone
1942	Cobley Fred W Martha adv	Los Angeles Directory Co.
1937	Cobley Fredk W Martha slsmn	Los Angeles Directory Co.
1933	Cobley Fredk W Martha adv L A Times	Los Angeles Directory Co.
	Bagnall Albt	Los Angeles Directory Co.
1929	COBLER Fredk W Martha adv L A Examiner	Los Angeles Directory Co.
1924	Cobley Fred W printer h	Los Angeles Directory Co.
	CORY John M slsmn Ungar & Watson r	Los Angeles Directory Co.

### 1457 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JOHNSON ROBT	Pacific Bell
1986	JOHNSON ROBT	Pacific Bell
1981	JOHNSON ROBT	Pacific Telephone
1971	Johnson Robt	Pacific Telephone
1962	Johnson Robt	Pacific Telephone
1937	Lass Hilda	Los Angeles Directory Co.
	THOMAS Wm J Peail lab	Los Angeles Directory Co.
1933	THOMAS Lillie M mach opr	Los Angeles Directory Co.
	THOMAS Pearl W mach opr	Los Angeles Directory Co.
	THOMAS Wm J Pearl auto mech	Los Angeles Directory Co.
1929	Pitcher Bert J Lucile musician	Los Angeles Directory Co.
1924	Hurry Flora B Mrs h	Los Angeles Directory Co.

### 1347 1/2 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SUE BUNNY	Pacific Bell

### 1349 1/2 W 56TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GRIFFIN AARON	Pacific Bell

## FINDINGS

### **W 56TH ST**

#### **1106 W 56TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	OCCUPANT UNKNOWN	Cole Information Services
	SUSIE CATER	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	CATER Susie	Haines Company, Inc
2004	ALVARO LOPEZ	Cole Information Services
	SUSIE CATER	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Cater Jos	Pacific Telephone
1958	Chapman Elsie H	Pacific Telephone

#### **1107 W 56TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	RUBEN MACIAS	Cole Information Services
2009	SHEILA LANE	Cole Information Services
2006	a LANEElaree	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	SHEILA LANE	Cole Information Services
1994	ROBERSON, COY	Cole Information Services
1976	Roberson Coy	Pacific Telephone
1967	Jacobs Carolyn	Pacific Telephone
1958	Randalls J M	Pacific Telephone

#### **1108 W 56TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	SALVADOR ALEMAN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a ALEMAN Cindy	Haines Company, Inc
2004	PATRICIA REFUGEE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Barwick Walter	Pacific Telephone

#### **1109 W 56TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	REFUGIO CORREA	Cole Information Services
2009	JUAN CORREA	Cole Information Services
2006	a CORREA Emma	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a CORREA Ema	Haines Company, Inc
2004	JUAN CORREA	Cole Information Services
1999	JUAN CORREA	Cole Information Services
1976	Devers Bertha Mrs	Pacific Telephone
	Devers Lorell	Pacific Telephone
1967	Devers Lorell	Pacific Telephone
	Devers Bertha Mrs	Pacific Telephone

### 1110 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	SALVADOR ALEMAN	Cole Information Services
2004	SALVADOR ALEMAN	Cole Information Services
1999	SALVADOR ALEMAN	Cole Information Services
1967	Bucher B Susan	Pacific Telephone
1958	Bucher B Susan	Pacific Telephone

### 1114 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SANTOS GARMENDEZ	Cole Information Services
2009	SANTOS GARMENDEZ	Cole Information Services
2006	a GARMENDEZSantos	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
	SANTOS GARMENDEZ	Cole Information Services
1958	Ellery Newton L	Pacific Telephone

### 1115 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARTHA JOHNSON	Cole Information Services
2009	MARTHA JOHNSON	Cole Information Services
2006	JOHNSON Martha	Haines Company, Inc
2004	MARTHA JOHNSON	Cole Information Services
1999	MARTHA JOHNSON	Cole Information Services
1958	Thomas Mae Zola	Pacific Telephone

### 1118 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LORENA OLMEDO	Cole Information Services
2009	DELMY GALDAMEZ	Cole Information Services
	ANA SALAZAR	Cole Information Services
	LORENA OLMEDO	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	RAUL MARTINEZ	Cole Information Services
2006	GALDAMEZ Delmy Madsol a OLMEDO Lorena	Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	MARLENE MOORE	Cole Information Services
1999	RAUL MARTINEZ ANA SALAZAR LORENA OLMEDO DELMY GALDAMEZ	Cole Information Services Cole Information Services Cole Information Services Cole Information Services
1994	BOWMAN, CHARLES	Cole Information Services
1958	Reid Jean D	Pacific Telephone

### 1119 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	PEDRO MALDONADO	Cole Information Services
2006	a CIPFUENTESGlendy MALDONADO Betty MALDONADO Pedro	Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	PAUL CHEN	Cole Information Services
1999	PEDRO MALDONADO	Cole Information Services
1976	Banks Elizabeth O	Pacific Telephone
1967	Porter Geo M	Pacific Telephone
1958	Gearing Fred C Porter Geo M	Pacific Telephone Pacific Telephone

### 1122 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN NAZARIO ROBLES	Cole Information Services Cole Information Services
2009	MONICA CARRIER	Cole Information Services
2006	CARRIERHines	Haines Company, Inc
2004	DANIELLE CARRIER-HINES	Cole Information Services
1999	MONICA CARRIER	Cole Information Services
1976	Shellmire B	Pacific Telephone
1958	Cox Florence Rena	Pacific Telephone

## FINDINGS

### 1123 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JIMMY NICHOLAS	Cole Information Services
2009	JIMMY NICHOLAS	Cole Information Services
2006	WIZEL Susan	Haines Company, Inc
2004	BLANCA GARCIA	Cole Information Services
1999	JIMMY NICHOLAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Lopez Tereza	Pacific Telephone
	Lopez Albert C	Pacific Telephone
1958	Lopez Albert Cruz	Pacific Telephone

### 1124 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TRINIKA RAMSEY	Cole Information Services
2009	TRINIKA RAMSEY	Cole Information Services
1999	TRINIKA RAMSEY	Cole Information Services

### 1126 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DENISE JORDAN	Cole Information Services
2009	PATRINA PRICE	Cole Information Services
2006	JORDAN Lester	Haines Company, Inc
	PRICE Patina	Haines Company, Inc
	SHORTER Shldette	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	PATRINA PRICE	Cole Information Services
1967	Tillis Robt	Pacific Telephone
	West Doc Mac Weldon	Pacific Telephone
	West Gloria	Pacific Telephone
1958	Jones Arthur Jos	Pacific Telephone

### 1127 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANDULIO OCHOA	Cole Information Services
2009	ANDULIO OCHOA	Cole Information Services
2006	o VILLAGRANJaime	Haines Company, Inc
2004	MARITZA TORRES	Cole Information Services
1999	M OCHOA	Cole Information Services
	ANDULIO OCHOA	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Hebrard Albany L	Pacific Telephone
1958	Lederle Vitus	Pacific Telephone

### 1128 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DALE ADAMS	Cole Information Services
2009	ROCHELLE JOHNSON	Cole Information Services
2004	ROCHELLE JOHNSON	Cole Information Services
1999	ROCHELLE JOHNSON	Cole Information Services
1994	MOORMAN, SHERYL	Cole Information Services
1976	ANDERSON HIRAM WHITEHOUSE	Pacific Telephone
1958	Krieb Wm B	Pacific Telephone

### 1132 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LILLIE WATSON	Cole Information Services
2009	LILLIE WATSON	Cole Information Services
2004	LILLIE WATSON	Cole Information Services
1999	LILLIE WATSON	Cole Information Services
1958	Epihin Boris A	Pacific Telephone

### 1133 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	KARLA ORANTES	Cole Information Services
	MARIO ARTEAGA	Cole Information Services
2009	MARIO ARTEAGA	Cole Information Services
	RAFAEL MENDEZ	Cole Information Services
	KARLA ORANTES	Cole Information Services
	MARITZA BARRERA	Cole Information Services
2006	ARTEAGA Mario	Haines Company, Inc
	MENDEZ Rafael	Haines Company, Inc
2004	EDSON MENDEZ	Cole Information Services
	MARIO ARTEAGA	Cole Information Services
1999	RAFAEL MENDEZ	Cole Information Services
	MARIO ARTEAGA	Cole Information Services
	MARITZA BARRERA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	KARLA ORANTES	Cole Information Services
1967	Lydy F A	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Lydy F A	Pacific Telephone

### 1134 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SAM OGILVIE	Cole Information Services
2009	SAM OGILVIE	Cole Information Services
2004	ALSTARKS JOHNSON	Cole Information Services
1999	SAM OGILVIE	Cole Information Services
1967	Epkens Minnie	Pacific Telephone

### 1136 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CORNELIUS REFFEGEE	Cole Information Services
2009	CORNELIUS REFFEGEE	Cole Information Services
2006	a TRIBBLEWillie	Haines Company, Inc
2004	WILLIE TRIBBLE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	CORNELIUS REFFEGEE	Cole Information Services
1967	Tribble Delores	Pacific Telephone
	Tribble Willie	Pacific Telephone
1958	Koenig Frank A	Pacific Telephone

### 1137 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	TONY SMITH	Cole Information Services
2006	SMITHTonya	Haines Company, Inc
2004	TONY SMITH	Cole Information Services
1999	TONY SMITH	Cole Information Services
	YOLANDA RODRIGUEZ	Cole Information Services
1994	RODRIGUEZ, YOLANDA	Cole Information Services
1976	Baskin Johnnie Mae Mrs	Pacific Telephone
	Baskin Simon	Pacific Telephone
1958	Martiensen Julia	Pacific Telephone

### 1140 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LARRY LEWIS	Cole Information Services
2009	MARTHA WRIGHT	Cole Information Services
2006	WRIGHT Martha	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	MARTHA WRIGHT	Cole Information Services
1999	MARTHA WRIGHT	Cole Information Services

### 1141 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LUIS CASTRO	Cole Information Services
2009	LAURA HERNANDEZ	Cole Information Services
2006	HERNANDEZ Laura	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	LAURA HERNANDEZ	Cole Information Services
1976	Mc Glothurn Sylvester	Pacific Telephone
1967	Burnett Anna	Pacific Telephone
1958	Burnett Amia	Pacific Telephone

### 1144 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALFREDO CISNEROS	Cole Information Services
2009	ALFREDO CISNEROS	Cole Information Services
2006	a CISNEROS Alfredo	Haines Company, Inc
2004	ALFREDO CISNEROS	Cole Information Services
1999	ALFREDO CISNEROS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Merritt Jas A	Pacific Telephone

### 1145 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WALTER GALDAMEZ	Cole Information Services
2009	WALTER GALDAMEZ	Cole Information Services
2006	a GALDAMEZ Wal ler	Haines Company, Inc
2004	WALTER GALDAMEZ	Cole Information Services
1999	WALTER GALDAMEZ	Cole Information Services
1958	Palacio Carmen	Pacific Telephone

### 1148 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	SAMUEL GREEN	Cole Information Services
2006	a GREEN SL	Haines Company, Inc
2004	SAMMIE GREEN	Cole Information Services
1999	SAMUEL GREEN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	GREEN, SAMMIE L	Cole Information Services
1958	Krenwinkel Joe	Pacific Telephone

### 1149 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SYMONE WALKER	Cole Information Services
	EVELYN WATSON	Cole Information Services
2009	SYMONE WALKER	Cole Information Services
	EVELYN WATSON	Cole Information Services
2006	a WATSON Sylvaster	Haines Company, Inc
2004	SYLVESTER WATSON	Cole Information Services
1999	EVELYN WATSON	Cole Information Services
	SYMONE WALKER	Cole Information Services
1976	Lopez Frank	Pacific Telephone
1967	Powell Hermon	Pacific Telephone
	Lopez Frank	Pacific Telephone
1958	Switzer Catherine	Pacific Telephone

### 1152 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	PARKER Mamie	Haines Company, Inc
2004	MAMIE PARKER	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Smith Barbara	Pacific Telephone
1958	Fukano Tom	Pacific Telephone
	Allen Janice N	Pacific Telephone
	Allen Thos H	Pacific Telephone

### 1153 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PEARL CROWELL	Cole Information Services
2009	PEARL CROWELL	Cole Information Services
2006	a CROWELL Pearl	Haines Company, Inc
2004	PEARL CROWELL	Cole Information Services
1999	PEARL CROWELL	Cole Information Services
1976	Crowell John	Pacific Telephone
1967	Crowell John	Pacific Telephone
1958	Spinner Anton K	Pacific Telephone

## FINDINGS

### 1156 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LAMONT ROGERS	Cole Information Services
2009	IRMAGENE JONES	Cole Information Services
2004	IRMAGENE JONES	Cole Information Services
1999	IRMAGENE JONES	Cole Information Services
1976	Williams Eugean	Pacific Telephone
1967	Carrier Wilbert	Pacific Telephone
1958	Abens Mary E Mrs	Pacific Telephone

### 1157 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAMES BOWDEN	Cole Information Services
2009	MAISHA HUDSON	Cole Information Services
2006	HUDSON Maisha	Haines Company, Inc
	HUDSON Maisha	Haines Company, Inc
2004	MAISHA HUDSON	Cole Information Services
1999	MAISHA HUDSON	Cole Information Services
1995	Evans Gideon	Pacific Bell
1994	EVANS, GIDEON	Cole Information Services
1976	Evans Gideon	Pacific Telephone
1967	Evans Gideon	Pacific Telephone
1958	Grimm John J	Pacific Telephone

### 1200 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE MALDONADO	Cole Information Services
2009	RICARDO PERAZA	Cole Information Services
2006	a SORIANO Maria	Haines Company, Inc
2004	ELSA PORTILLO	Cole Information Services
1999	RICARDO PERAZA	Cole Information Services
1967	Marshall Simon	Pacific Telephone
1958	Nelson Gustav	Pacific Telephone

### 1201 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LUZ RODRIGUEZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a PARADA LuIs	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1203 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LUIS PARADA	Cole Information Services
2009	LUIS PARADA	Cole Information Services
2004	LUIS PARADA	Cole Information Services
1999	LUIS PARADA	Cole Information Services

### 1204 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WILLIAM YOUNG	Cole Information Services
2009	WILLIAM YOUNG	Cole Information Services
2006	YOUNGWM	Haines Company, Inc
2004	WANDA YOUNG	Cole Information Services
1999	WILLIAM YOUNG	Cole Information Services
1994	YOUNG, WANDA M	Cole Information Services
1967	Faul H W	Pacific Telephone
1958	Faul H W	Pacific Telephone

### 1205 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDGARD ALEZANO	Cole Information Services
2009	GUILLERMO SOMOZA	Cole Information Services
2006	ALEZANO Vilmoan a SOMOZA Guillermo ALEZANO Edgard	Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	GUILLERMO SOMOZA	Cole Information Services
1999	GUILLERMO SOMOZA	Cole Information Services
1994	CARRANZA, FIDEL	Cole Information Services
1958	Robbins Jessie E Mrs	Pacific Telephone

### 1208 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MINERVA SIERRA	Cole Information Services
2009	JOSE GOMEZ	Cole Information Services
2006	a GOMEZJose	Haines Company, Inc
2004	JOSE GOMEZ	Cole Information Services
1999	JOSE GOMEZ	Cole Information Services
1958	Lithgow Harvey J	Pacific Telephone

## FINDINGS

### 1209 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROSE COLEMAN	Cole Information Services
2009	ROSE COLEMAN	Cole Information Services
2006	a COLEMAN Rose	Haines Company, Inc
2004	ROSE COLEMAN	Cole Information Services
1999	ROSE COLEMAN	Cole Information Services
1967	Jackson Rose C	Pacific Telephone
1958	Jacob Jos	Pacific Telephone

### 1212 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LATIKA NESBY	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a RILEYAutry HALL Bill le	Haines Company, Inc Haines Company, Inc
2004	BILLIE HALL	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Riley Autry D Mrs	Pacific Telephone
1958	Riley Chas W	Pacific Telephone

### 1215 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	KARNITA UNDERWOOD	Cole Information Services
2006	ANDERSONWIIIle	Haines Company, Inc
1967	Johnson Eleanor Ruth	Pacific Telephone
1958	Meade Blanche M	Pacific Telephone

### 1216 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GUSTAVO SEDENO	Cole Information Services
2009	GRECIA BONILLA	Cole Information Services
2006	a LONG Beae	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	GRECIA BONILLA	Cole Information Services

### 1217 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HILARION IXCAMPARIC	Cole Information Services
2009	HILARION IXCAMPARIC	Cole Information Services
2006	a IXCAMPARIC Hilaron	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JOSE ESCOBAR	Cole Information Services
1999	HILARION IXCAMPARIC	Cole Information Services
1967	Colony P C rl est	Pacific Telephone

### 1220 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DYANN STEWART	Cole Information Services
2009	ELNORA TARPLEY	Cole Information Services
2006	TARPLEY Elnora	Haines Company, Inc
2004	ELNORA TARPLEY	Cole Information Services
1999	ELNORA TARPLEY	Cole Information Services
1994	TARPLEY, ELNORA	Cole Information Services
1976	Tarpley Elnora	Pacific Telephone
1967	Crudup Elnora	Pacific Telephone
1958	Wong Yok P	Pacific Telephone

### 1221 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TOMESHA COLE	Cole Information Services
2004	VIOLA HAWKINS	Cole Information Services

### 1224 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2006	a LACY Thelma	Haines Company, Inc
2004	THELMA LACY	Cole Information Services
1967	Miller Elizabeth	Pacific Telephone

### 1225 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	YAOUNDE HARRIS	Cole Information Services
2009	YAOUNDE HARRIS	Cole Information Services
2006	o HARRISYaounde	Haines Company, Inc
2004	JOHN GILMORE	Cole Information Services
1999	YAOUNDE HARRIS	Cole Information Services
1994	GILMORE, JOHN L	Cole Information Services
1976	Gilmore John L	Pacific Telephone
1967	Gilmore John L	Pacific Telephone
1958	La Croix Melba	Pacific Telephone



## FINDINGS

### 1226 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	IRMA HERNANDEZ	Cole Information Services
1999	IRMA HERNANDEZ	Cole Information Services

### 1229 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FRANCISCA MONJE	Cole Information Services
2009	LUIS MONJE	Cole Information Services
2006	a VASQUEZRenan	Haines Company, Inc
2004	FRANCISCA VASQUEZ	Cole Information Services
1999	LUIS MONJE	Cole Information Services

### 1230 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CESAR GIRON	Cole Information Services
	MAIRA BUENO	Cole Information Services
2009	EMILIO GARCIA	Cole Information Services
	ARTURO DOMINGUEZ	Cole Information Services
	JESSIE ACOSTA	Cole Information Services
	CESAR GIRON	Cole Information Services
	MAIRA BUENO	Cole Information Services
2006	PATRICIA RIORDAN	Cole Information Services
	GIRONCesar	Haines Company, Inc
	GARCIAEmilio	Haines Company, Inc
2004	DOMINGUEZArturo	Haines Company, Inc
	PATRICIA RIORDAN	Cole Information Services
	CESAR GIRON	Cole Information Services
1999	LEOPOLDO VALENCIA	Cole Information Services
	ARTURO DOMINGUEZ	Cole Information Services
	CESAR GIRON	Cole Information Services
	JESSIE ACOSTA	Cole Information Services
1976	EMILIO GARCIA	Cole Information Services
	PATRICIA RIORDAN	Cole Information Services
	MAIRA BUENO	Cole Information Services
1976	Campbell Howard	Pacific Telephone
1967	Williams Thelma	Pacific Telephone
	Hynds Mildred	Pacific Telephone
1958	Umana Rodolfo	Pacific Telephone
	Hynds Mildred	Pacific Telephone

## FINDINGS

### 1233 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	SELMA BERGANZA	Cole Information Services
2006	a ACOSTA Jessica	Haines Company, Inc
2004	JANEICE FINNEY	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	SELMA BERGANZA	Cole Information Services
1958	Greco Josephine Mrs	Pacific Telephone

### 1234 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	XIOMARA CRUZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	FERNANDO ESTRADA	Cole Information Services
	ROQUE LOPEZ	Cole Information Services
	VIVIANA KISH	Cole Information Services
2009	FERNANDO ESTRADA	Cole Information Services
	ROQUE LOPEZ	Cole Information Services
	XIOMARA CRUZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	a LOPEZ Roque	Haines Company, Inc
	i/a MARQUEZ Cesar	Haines Company, Inc
2004	ROQUE LOPEZ	Cole Information Services
	PATRICE FULLER	Cole Information Services
1999	FERNANDO ESTRADA	Cole Information Services
	XIOMARA CRUZ	Cole Information Services
	ROQUE LOPEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1976	Goodman Carolyn	Pacific Telephone
	Shepard Robt	Pacific Telephone
1967	Burns Sarah	Pacific Telephone
	Burns Algje	Pacific Telephone
1958	Mc Kenzie Neil M	Pacific Telephone

### 1235 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RILENE CHAPPELLE	Cole Information Services
2009	ORLANDO ESTRADA	Cole Information Services
2004	J CHAPPELLE	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services
	ORLANDO ESTRADA	Cole Information Services

### 1237 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VERNADA PYBURN	Cole Information Services
2009	CHERECE LUCKEY	Cole Information Services
1999	CHERECE LUCKEY	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 1238 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MAURICIO MARROQUIN	Cole Information Services
2009	MARTA MARROQUIN	Cole Information Services
2006	a MARROQUIN Marta	Haines Company, Inc
2004	MARTA MARROQUIN	Cole Information Services
1999	MARTA MARROQUIN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Evans Bernice M	Pacific Telephone
	Evans Ernest S Dr	Pacific Telephone
1958	Kump Gottfried	Pacific Telephone

### 1239 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BOBBY TISDELL	Cole Information Services
2009	HENRY GENE	Cole Information Services
2004	BOBBY TISDELL	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	HENRY GENE	Cole Information Services
1976	Smith Elma	Pacific Telephone

### 1240 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROY BELL	Cole Information Services
2009	ROY BELL	Cole Information Services
2006	a BELL Ethel	Haines Company, Inc
2004	ROY BELL	Cole Information Services
1999	ROY BELL	Cole Information Services
1958	Roethel Johann	Pacific Telephone

## FINDINGS

### 1241 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RUBEN MORALES	Cole Information Services
2009	JOSE MORALES	Cole Information Services
2006	a MORALES Herbert	Haines Company, Inc
2004	JEROME MCKIE	Cole Information Services
1999	JOSE MORALES	Cole Information Services
1967	Parker Lucille	Pacific Telephone

### 1244 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN VILLEGAS	Cole Information Services
2009	JUAN VILLEGAS	Cole Information Services
2006	a VILLEGAS Juan	Haines Company, Inc
2004	DOROTHY JOHNSON	Cole Information Services
1999	JUAN VILLEGAS	Cole Information Services
1958	Murphy John J	Pacific Telephone

### 1245 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BAUDILIO PALENCIA	Cole Information Services
2009	BAUDILIO PALENCIA	Cole Information Services
2006	a PALENCIA Baudillo	Haines Company, Inc
2004	BAUDILIO PALENCIA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	BAUDILIO PALENCIA	Cole Information Services

### 1249 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	BERYL GATES	Cole Information Services
2006	a GATES Thelma	Haines Company, Inc
2004	THELMA GATES	Cole Information Services
1999	BERYL GATES	Cole Information Services
1994	GATES, THELMA	Cole Information Services
1976	Gates Thelma	Pacific Telephone
1967	Thompson Curtis L	Pacific Telephone
1958	Thompson Curtis L	Pacific Telephone

## FINDINGS

### 1250 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN VILLEGAS	Cole Information Services
2009	JUAN VILLEGAS	Cole Information Services
2006	a VILLEGAS Juan	Haines Company, Inc
2004	JUAN VILLEGAS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JUAN VILLEGAS	Cole Information Services
1958	Geretz Paul	Pacific Telephone

### 1253 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	RILENE CHAPPELLE	Cole Information Services
2006	CHAPPELLEJ Rilene a WIGINGTON Leland	Haines Company, Inc Haines Company, Inc
2004	ALICIA BABER	Cole Information Services
1999	RILENE CHAPPELLE	Cole Information Services
1967	James Alfred	Pacific Telephone
1958	Neher Pearl	Pacific Telephone

### 1254 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAVIER TINOCO	Cole Information Services
	BRENDA MONZON	Cole Information Services
	LUIS ZUNIGA	Cole Information Services
	JENNIFER DELEON	Cole Information Services
2009	BRENDA MONZON	Cole Information Services
	ERDING MENDOZA	Cole Information Services
2006	o HILL Flora	Haines Company, Inc
2004	FLORA HILL	Cole Information Services
1999	BRENDA MONZON	Cole Information Services
	ERDING MENDOZA	Cole Information Services
1976	Murphy Susie Mae	Pacific Telephone
1967	Russell Mattie	Pacific Telephone

### 1256 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EVELYN MARTINEZ	Cole Information Services
2009	MAYRA PEREZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ZUZUARREGUI e Nivardo	Haines Company, Inc Haines Company, Inc
1999	MAYRA PEREZ	Cole Information Services
1994	MORENO, SOLEDAD	Cole Information Services
1958	Negrete Henry	Pacific Telephone

### 1257 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NORRIS DANIELS	Cole Information Services
2006	a DANIELS Ethel ELDER Leo	Haines Company, Inc Haines Company, Inc
1967	Smith Mary	Pacific Telephone
1958	Smith Mary	Pacific Telephone

### 1259 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDITH DANIELS	Cole Information Services
2009	ETHEL DANIELS	Cole Information Services
2004	ETHEL DANIELS	Cole Information Services
1999	ETHEL DANIELS	Cole Information Services

### 1260 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OSCAR CALLES	Cole Information Services
2009	OSCAR CALLES	Cole Information Services
2006	a CALLES Oscar	Haines Company, Inc
2004	MARIANO GOMEZ	Cole Information Services
1999	OSCAR CALLES	Cole Information Services
1994	CALLES, F J GOMEZ, MAURA	Cole Information Services Cole Information Services
1958	Knisely Clement C	Pacific Telephone

### 1261 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARY HOLLOWAY	Cole Information Services
2009	MARY HOLLOWAY	Cole Information Services
2006	a HOLLOWAY Mary	Haines Company, Inc
2004	LOUIS ALSTON	Cole Information Services
1999	MARY HOLLOWAY	Cole Information Services
1976	Williams Roy J E	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Williams Roy J E	Pacific Telephone
1958	Getto A	Pacific Telephone

### 1300 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ERIC LOMBERA	Cole Information Services
2009	ERIC LOMBERA	Cole Information Services
2006	JONES Chades LOMBERAEric	Haines Company, Inc Haines Company, Inc
2004	NECIA JONES	Cole Information Services
1999	ERIC LOMBERA	Cole Information Services
1967	Jones Chas E	Pacific Telephone
1958	Jones Chas E	Pacific Telephone

### 1301 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ISABE GUTIERREZ	Cole Information Services
2006	a GUTIERREZF	Haines Company, Inc
2004	FAUSTO GUTIERREZ	Cole Information Services
1999	ISABE GUTIERREZ	Cole Information Services
1958	Hale Herman	Pacific Telephone

### 1304 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	MICHELLE STEPHENS	Cole Information Services
2006	a BLAINEVance	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MICHELLE STEPHENS	Cole Information Services
1976	Thurmond Margie	Pacific Telephone

### 1305 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ANGELIA NAJERA	Cole Information Services
2004	JOSE BONILLA	Cole Information Services
1999	ANGELIA NAJERA	Cole Information Services
1958	Travis Danl	Pacific Telephone

## FINDINGS

### 1306 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JACKIE ROSS	Cole Information Services
2009	BRYAN BOWMAN	Cole Information Services
2006	THOMPSON Codlee	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
	BRYAN BOWMAN	Cole Information Services
1958	Moore Earl	Pacific Telephone

### 1307 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VANESSA HAMILTON	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	NAJERA Angerica	Haines Company, Inc
2004	DONACIANO RINCON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	TRAVIS, DANIEL SR	Cole Information Services
1967	Alexander Dorothy	Pacific Telephone

### 1308 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RUBY MOSS	Cole Information Services
2009	RUBY MOSS	Cole Information Services
2006	WALKERJohn	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	RUBY MOSS	Cole Information Services
1967	Ashley Mayme B	Pacific Telephone
1958	Wiener Julius L	Pacific Telephone

### 1309 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ERIK AMOS	Cole Information Services
2009	SHAUNA HARRIS	Cole Information Services
2006	a HOLDENCudey	Haines Company, Inc
2004	DEBORAH MAYES	Cole Information Services
1999	SHAUNA HARRIS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	GLENN, JACKIE	Cole Information Services
1976	Glenn Henry	Pacific Telephone
1967	Glenn Henry	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Glenn Henry	Pacific Telephone

### 1312 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANGELA HARRIS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a HARRIS Angela	Haines Company, Inc
	a HARRIS Daisy	Haines Company, Inc
2004	ANGELA HARRIS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ANGELA HARRIS	Cole Information Services
1994	HARRIS, WILLIE B	Cole Information Services
1976	Harris Willie Benjamin	Pacific Telephone
1967	Harris Willie Benj	Pacific Telephone

### 1315 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	DAMON AZALI-ROJAS	Cole Information Services
2006	MARIEWall	Haines Company, Inc
	a WALL Candy M	Haines Company, Inc
2004	SUSAN WALL	Cole Information Services
1999	DAMON AZALI-ROJAS	Cole Information Services
1967	Fisher Mary	Pacific Telephone
1958	Fisher Mary	Pacific Telephone

### 1316 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ERNESTO BARRERA	Cole Information Services
2009	ERNESTO BARRERA	Cole Information Services
2006	a BARRERAEmesto	Haines Company, Inc
2004	ERNESTO BARRERA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ERNESTO BARRERA	Cole Information Services
1976	Smith Oranie Mae	Pacific Telephone
1958	Smith Henry	Pacific Telephone

### 1317 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FANNIE POOLE	Cole Information Services
2009	FANNIE POOLE	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	FANNIE POOLE	Cole Information Services
1999	FANNIE POOLE	Cole Information Services
1958	Davis Edw Jr	Pacific Telephone

### 1320 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MONYIA JACKSON	Cole Information Services
2009	MONYIA JACKSON	Cole Information Services
2006	a JACKSON Monyia	Haines Company, Inc
2004	VELVER RAYMOND	Cole Information Services
1999	MONYIA JACKSON	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	RAYMOND, ALBERT S	Cole Information Services
1976	Raymond Albert A	Pacific Telephone
	Raymond Vever Mae	Pacific Telephone
1967	Raymond Vever Mae	Pacific Telephone
	Raymond Albert S	Pacific Telephone
1958	De Cristofaro Isabella Mrs	Pacific Telephone

### 1321 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GLADYS ALLEN	Cole Information Services
2009	GLADYS ALLEN	Cole Information Services
2006	a ALLENGF	Haines Company, Inc
2004	GLADYS ALLEN	Cole Information Services
1999	GLADYS ALLEN	Cole Information Services

### 1322 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1324 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CHRIS MANTAS	Cole Information Services
2009	PETER MANTAS	Cole Information Services
2006	a MANTASGeo	Haines Company, Inc
2004	PETER MANTAS	Cole Information Services
1999	PETER MANTAS	Cole Information Services
1994	MANTAS, GEORGE	Cole Information Services
1976	Mantas Geo	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Mantas Geo	Pacific Telephone
1958	Mantas Geo	Pacific Telephone

### 1327 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS NAVARRO	Cole Information Services
2009	ARMIDA SANDOVAL	Cole Information Services
2006	a MECINASRafael	Haines Company, Inc
2004	RAFAEL MECINAS	Cole Information Services
1999	ARMIDA SANDOVAL	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 1328 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA RIOS	Cole Information Services
2009	MARIA RIOS	Cole Information Services
2006	RIOS Maria	Haines Company, Inc
2004	MARIA RIOS	Cole Information Services
1999	MARIA RIOS	Cole Information Services

### 1329 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELLIS LAWRENCE	Cole Information Services
2009	OLLIE LAWRENCE	Cole Information Services
2004	OLLIE LAWRENCE	Cole Information Services
1999	OLLIE LAWRENCE	Cole Information Services

### 1330 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ARTURO VEGA	Cole Information Services

### 1332 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	URBANO GONZALEZ	Cole Information Services
2006	a GONZALEZCadros	Haines Company, Inc
2004	LARRY CONER	Cole Information Services
1999	URBANO GONZALEZ	Cole Information Services
1967	Lacy Beatrice	Pacific Telephone
1958	Lacy Beatrice	Pacific Telephone

## FINDINGS

### 1333 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ERNESTINO PEREZ	Cole Information Services
2009	ERNESTINO PEREZ	Cole Information Services
2006	a PEREZ Ernestino	Haines Company, Inc
2004	ERNESTINO PEREZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ERNESTINO PEREZ	Cole Information Services

### 1336 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EMMA MARROQUIN	Cole Information Services
2009	GUADALUPE HOLGUIN	Cole Information Services
2006	GU 11 ERREZ Rolando	Haines Company, Inc
	a GALVAN Jorge	Haines Company, Inc
2004	IGBACIO BUENABAD	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	GUADALUPE HOLGUIN	Cole Information Services
1976	Edwards John	Pacific Telephone
1967	Grigsby Wm	Pacific Telephone
1958	Grigsby Wm	Pacific Telephone

### 1339 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OGUEN CEDILLOS	Cole Information Services
2009	OGUEN CEDILLOS	Cole Information Services
2006	Rubianel	Haines Company, Inc
	JUAREZ Gracela S	Haines Company, Inc
	MORALES Noeuri	Haines Company, Inc
	a RODRIGUEZ Reina	Haines Company, Inc
	HERNANDEZ	Haines Company, Inc
2004	JOSE SIERRA	Cole Information Services
1999	OGUEN CEDILLOS	Cole Information Services

### 1342 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CHERYN HOLLIS	Cole Information Services
2006	a HOLLIS Bettye	Haines Company, Inc
2004	BETTYE HOLLIS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Bowman David	Pacific Telephone
1958	Bowman David	Pacific Telephone

### 1343 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RENITA BRADFORD	Cole Information Services
2009	EDGAR CASTELLANOS	Cole Information Services
2006	SUARES Mirza a VARGASJose	Haines Company, Inc Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	EDGAR CASTELLANOS	Cole Information Services
1967	Gillam Jimmie	Pacific Telephone

### 1346 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MOISES MOTA	Cole Information Services
2009	MOISES MOTA	Cole Information Services
2006	a MOTA Rosa I	Haines Company, Inc
2004	MOISES MOTA	Cole Information Services
1999	MOISES MOTA	Cole Information Services
1994	MOTA, ROSA	Cole Information Services
1967	Hamilton Mary Di Luccia Clara	Pacific Telephone Pacific Telephone
1958	Hamilton Mary Di Luccia Clara	Pacific Telephone Pacific Telephone

### 1347 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANGELA CHISM	Cole Information Services
2009	SANOAM WASHINGTON OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
2006	STEVENAva	Haines Company, Inc
2004	DAVID LEWIS	Cole Information Services
1999	SANOAM WASHINGTON OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
1976	Sparks Dorris Sue Bunny	Pacific Telephone Pacific Telephone
1958	Le Francois Goldie C	Pacific Telephone

## FINDINGS

### 1349 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELIZABETH SHEPHERD	Cole Information Services
	JEJUAN MCCALLEBB	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	BROOK Shley	Haines Company, Inc
2004	GEORGE CHEVALIER	Cole Information Services
	ROSEANNE DRUMMER	Cole Information Services
	MARY HUBSON	Cole Information Services
	EARL GOODWIN	Cole Information Services
	MAINE PETERS	Cole Information Services
1994	ADAMS, CLYDE	Cole Information Services
1976	Knockum Wilson	Pacific Telephone
	Baker Howard	Pacific Telephone
1967	Canady Serviner	Pacific Telephone
	Clark Frank	Pacific Telephone
1958	Sheridan Bertha J	Pacific Telephone
	Urbina Israel	Pacific Telephone

### 1352 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Jones Zola M	Pacific Telephone

### 1410 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Orr Christine	Pacific Telephone

### 1411 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	IRIS SANCHEZ	Cole Information Services
2009	LUIS PANIAGUA	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	BLANCA PARKER	Cole Information Services
1999	LUIS PANIAGUA	Cole Information Services
1976	Scott Mary F	Pacific Telephone
	Scott Moses	Pacific Telephone

### 1416 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAMON HERNANDEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CROTTE Roberto	Haines Company, Inc
	BLANDINO Josephine	Haines Company, Inc
2004	ROBERTO CROTTE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	ESTER, WALL	Cole Information Services
1976	Wall Esther	Pacific Telephone
1967	Wall Esther	Pacific Telephone

### 1417 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HARGREW LAKIESHA	Cole Information Services
2009	ROSELL COOPER	Cole Information Services
2004	ELVESTER KEENER	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ROSELL COOPER	Cole Information Services
1967	Keener Elvester Mrs	Pacific Telephone
1958	Keener Elvester Mrs	Pacific Telephone

### 1420 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TOMMY WAGNER	Cole Information Services
2009	ELEANOR WAGNER	Cole Information Services
2006	9 WAGNER Eleanor	Haines Company, Inc
2004	STEVANA SANDERS	Cole Information Services
	ELEANOR WAGNER	Cole Information Services
1999	ELEANOR WAGNER	Cole Information Services
1995	Wagner Eleanor	Pacific Bell
	Wagner Margaret	Pacific Bell
1994	WAGNER, ELEANOR	Cole Information Services
1976	Wagner Eleanor	Pacific Telephone
	Wagner Margaret	Pacific Telephone
1967	Wagner Eleanor	Pacific Telephone
	Wagner Margaret	Pacific Telephone
1958	Spath Ed J	Pacific Telephone

### 1421 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	SERGIO MENDIVIL	Cole Information Services
2006	MENDIVIL Sergio	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PINEDA Mada	Haines Company, Inc
2004	MARIA PINEDA	Cole Information Services
1999	SERGIO MENDIVIL	Cole Information Services

### 1424 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	THOMAS PRINCE	Cole Information Services
2009	THOMAS PRINCE	Cole Information Services
2006	a PRINCE Cheryl	Haines Company, Inc
2004	CHERYL PRINCE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	THOMAS PRINCE	Cole Information Services
1958	Atkins Robt P	Pacific Telephone

### 1425 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERTO MEJIA	Cole Information Services
2006	a MEJIA Roberto A	Haines Company, Inc
2004	ROBERTO MEJIA	Cole Information Services
1976	Willie A Mrs	Pacific Telephone
1967	Willie A Mrs	Pacific Telephone
1958	Willie A Mrs	Pacific Telephone

### 1426 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1428 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GEORGE LOCKHART	Cole Information Services
2009	GEORGE LOCKHART	Cole Information Services
2006	a LOCKHART Yvonne	Haines Company, Inc
1999	GEORGE LOCKHART	Cole Information Services
1967	Belton Jas H	Pacific Telephone
	Belton Mary	Pacific Telephone
1958	Frazier Martha	Pacific Telephone

### 1429 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a RIVERA Patricia	Haines Company, Inc
2004	HENRY RIVERA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Mason Florence M	Pacific Telephone
1958	Mason Florence M	Pacific Telephone

### 1431 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARTHA ROBERSON	Cole Information Services
2009	KIMBERLY PERKINS	Cole Information Services
1999	KIMBERLY PERKINS	Cole Information Services
1958	Galbreth Hale Jr	Pacific Telephone

### 1432 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WARREN PAUL	Cole Information Services
2009	WARREN PAUL	Cole Information Services
2006	a PAUL Judith	Haines Company, Inc
2004	JUDITH PAUL	Cole Information Services
1999	WARREN PAUL	Cole Information Services
1958	Roach Roy F	Pacific Telephone

### 1433 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	DELPHINE JACKSON	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	DELPHINE JACKSON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	DELPHINE JACKSON	Cole Information Services
1976	Brown Le Grand	Pacific Telephone
	Jackson Delphine	Pacific Telephone
1967	Geter Delphine	Pacific Telephone
1958	Geter Delphine	Pacific Telephone

### 1435 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JOHNNY RIVAS	Cole Information Services
2004	JOHNNY RIVAS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	JOHNNY RIVAS	Cole Information Services

### 1436 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALONZO WILSON	Cole Information Services
2006	a BAKER Levere	Haines Company, Inc
2004	TERESA DANIELS	Cole Information Services

### 1437 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LEROY ATLOW	Cole Information Services
2009	LEROY ATLOW	Cole Information Services
2006	a ATLOW Leroy	Haines Company, Inc
2004	LEROY ATLOW	Cole Information Services
1999	LEROY ATLOW	Cole Information Services
1994	AUBERT, EARL	Cole Information Services
1976	Aubert Earl	Pacific Telephone
1967	Aubert Earl	Pacific Telephone
1958	Aubert Earl	Pacific Telephone

### 1439 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1440 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DORIS WRIGHT	Cole Information Services
2009	DORIS WRIGHT	Cole Information Services
2006	WRIGHT Dors	Haines Company, Inc
2004	DORIS WRIGHT	Cole Information Services
1999	DORIS WRIGHT	Cole Information Services
1976	Wright Jas C	Pacific Telephone
1967	Williams Betty	Pacific Telephone
1958	Stauffer John L	Pacific Telephone

### 1441 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN SANCHEZ	Cole Information Services
2009	JAY SOMERVILLE	Cole Information Services
2006	SOMERVILLE Matte	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JAY SOMERVILLE	Cole Information Services
1999	JAY SOMERVILLE	Cole Information Services
1994	SOMERVILLE, JAY D	Cole Information Services
1976	Somerville J D	Pacific Telephone
	Somerville J D	Pacific Telephone
	Somerville Mattie Lee	Pacific Telephone
1967	Somerville J D	Pacific Telephone
	Somerville Mattie Lee	Pacific Telephone
1958	Nelson N O	Pacific Telephone

### 1442 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BETTYE HOLLIS	Cole Information Services

### 1444 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LYDIA JOHNSON	Cole Information Services
2009	LYDIA JOHNSON	Cole Information Services
2006	a HARDEN Rudolph	Haines Company, Inc
2004	LYDIA JOHNSON	Cole Information Services
1999	LYDIA JOHNSON	Cole Information Services
1994	JOHNSON, PAUL	Cole Information Services
1976	Robinson Grandvil W	Pacific Telephone
1967	Kravitz Phil	Pacific Telephone
1958	Kravitz Phil	Pacific Telephone

### 1445 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SHERRELL GRIFFIN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Marrero Fredk T	Pacific Telephone

### 1447 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	STEPHANI THOMAS	Cole Information Services
2009	FREDRICK MOODY	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	LORIE ROSS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	FREDRICK MOODY	Cole Information Services
	ARTURO ROMOS	Cole Information Services
1967	Allen Elaine	Pacific Telephone
	Phiefer Ellen E	Pacific Telephone

### 1448 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OLIVIA SMITH	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	BURNEY Michael	Haines Company, Inc
2004	MICHAEL BURNEY	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	MILTON, ROY JR	Cole Information Services
1967	Christopher Rose	Pacific Telephone
1958	Alexander Ruby C	Pacific Telephone
	Christopher Leon	Pacific Telephone

### 1449 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WANDA HILL	Cole Information Services
2009	GLORIA HILL	Cole Information Services
2006	a NOBLES Leola	Haines Company, Inc
1999	GLORIA HILL	Cole Information Services
1958	Smith Ernest	Pacific Telephone

### 1452 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NORMA MORENO	Cole Information Services
2009	TERESA MORENO	Cole Information Services
2006	a GREEN Andrew	Haines Company, Inc
2004	LUCILLE GREEN	Cole Information Services
1999	TERESA MORENO	Cole Information Services
1994	GREEN, ANDREW J	Cole Information Services
1976	Green A J	Pacific Telephone
1967	Green A J	Pacific Telephone
1958	Thompson A S Mrs	Pacific Telephone

### 1453 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAPHAEL GARCIA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	RAPHAEL GARCIA	Cole Information Services
2006	a GARCIA Raphael	Haines Company, Inc
2004	BEATRIZ SUAREZ	Cole Information Services
1999	LEEANN CARTER	Cole Information Services
	RAPHAEL GARCIA	Cole Information Services
1967	Ito S	Pacific Telephone
1958	Ito S	Pacific Telephone

### 1456 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BEVERLY CLAY	Cole Information Services
2006	STRONG B	Haines Company, Inc
2004	BERNICE STRONG	Cole Information Services
1994	STRONG, BERNICE	Cole Information Services
1958	Tack Edw H	Pacific Telephone

### 1457 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALEXANDER ROMERO	Cole Information Services
2009	LORINE JOHNSON	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	LORINE JOHNSON	Cole Information Services
1999	LORINE JOHNSON	Cole Information Services
1995	Johnson Robt	Pacific Bell
1994	JOHNSON, ROBERT	Cole Information Services
1976	Johnson Roht	Pacific Telephone
1967	Johnson Robt	Pacific Telephone
1958	Johnson Robt	Pacific Telephone

### 1459 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Cummings Ava Mrs	Pacific Telephone

### 1460 W 56TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUSTINO GARZON	Cole Information Services
2009	JUSTINO GARZON	Cole Information Services
2006	a GARZON Jusino	Haines Company, Inc
2004	JUSTINO GARZON	Cole Information Services
1999	JUSTINO GARZON	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Orr Hubbard	Pacific Telephone

### **1461 W 56TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NELSON GRANDE	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	GRANDE Nelson	Haines Company, Inc
2004	NELSON GRANDE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	GAITAN, JORGE	Cole Information Services
1958	Huber Roland A	Pacific Telephone

### **W 57TH**

#### **1100 W 57TH**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	THOMAS GORDON H	Pacific Bell
1986	THOMAS GORDON H	Pacific Bell
1971	Abernathy Irike	Pacific Telephone
1962	Moore Mary Ann	Pacific Telephone
	Moore Louis	Pacific Telephone
1942	Saylor Lucy	Los Angeles Directory Co.
	Saylor Adda	Los Angeles Directory Co.
1937	Saylor Lucy C	Los Angeles Directory Co.
	Saylor Adda E	Los Angeles Directory Co.
1933	SAYLOR Lucie	Los Angeles Directory Co.
	SAYLOR Adda	Los Angeles Directory Co.
1929	SAYLOR Lucy h	Los Angeles Directory Co.
	SAYLOR Adda smstrs r	Los Angeles Directory Co.

#### **1101 W 57TH**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SOWELL MARIE	Pacific Bell
1986	SOWELL MARIE	Pacific Bell
1981	SOWELL MARIE	Pacific Telephone
1971	Sowell Marie	Pacific Telephone
	Brown Willie	Pacific Telephone
1962	Shandrick Paul	Pacific Telephone

## FINDINGS

### 1109 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WALKER L	Pacific Bell
	WALKER RALPH	Pacific Bell
1986	WALKER L	Pacific Bell
	WALKER RALPH	Pacific Bell
1981	WALKER L	Pacific Telephone
1962	Hearns Dorothy	Pacific Telephone
	Hearns Clyde	Pacific Telephone

### 1110 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	GINDRATT LORENA	Pacific Telephone
1971	Miller Lizzie	Pacific Telephone
1962	Carlisle Saml	Pacific Telephone
	Carlisle Lovett	Pacific Telephone
1937	Hull Mae B	Los Angeles Directory Co.
1929	Spurr Wm B Letha mech h	Los Angeles Directory Co.

### 1113 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	W	Pacific Telephone
1962	White Edwin E	Pacific Telephone
1942	FRANCO Benj florist	Los Angeles Directory Co.
	FRANCO Rita Mrs	Los Angeles Directory Co.
	HANAN Pearl Mrs	Los Angeles Directory Co.

### 1114 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	COLLINS FLORENCE MRS	Pacific Bell
1986	COLLINS FLORENCE MRS	Pacific Bell
1981	COLLINS FLORENCE MRS	Pacific Telephone
1971	Collins Florence Mrs	Pacific Telephone
1962	Collins Florene Mrs	Pacific Telephone
1942	HARLAN Cecil D Isabelle bus driver	Los Angeles Directory Co.
1937	Aldef Harry Lenora gro	Los Angeles Directory Co.
1933	Roper Myrtilia Mrs	Los Angeles Directory Co.
1929	Shifren Nathan Hessie N Shefren & Co h	Los Angeles Directory Co.
	Halpick Albt F prsmn	Los Angeles Directory Co.
	Shifren Helen sten r	Los Angeles Directory Co.

## FINDINGS

### 1115 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WARE THOS	Pacific Bell
1986	WARE THOS	Pacific Bell
1981	WARE THOS	Pacific Telephone
1971	Ware Thos	Pacific Telephone
1962	Ware Thos	Pacific Telephone
	Patterson O C L	Pacific Telephone
1942	Mizrahi Morris Eleanor shoe repr	Los Angeles Directory Co.
1937	Dopyara Jos Kath	Los Angeles Directory Co.
	Dopyera Emil E sec treas National Dobro Corp	Los Angeles Directory Co.

### 1116 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JENKINS THELMA	Pacific Bell
1962	Jones Q E Mrs	Pacific Telephone
1942	BERRY Helen Mrs tchr	Los Angeles Directory Co.
1937	Grossman Kenneth L Julia R	Los Angeles Directory Co.
1933	Nostrand Chas S Ruth batteries	Los Angeles Directory Co.
1929	PASCOE Edw solr	Los Angeles Directory Co.
1924	Bryning Douglass r	Los Angeles Directory Co.

### 1117 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HILL HELEN B	Pacific Bell
1986	HILL HELEN B	Pacific Bell
1981	HILL HELEN B	Pacific Telephone
1971	Hill Helen B	Pacific Telephone
1962	Powers Frank J	Pacific Telephone
1942	WELLS Robt E Goldie shade ctr	Los Angeles Directory Co.

### 1118 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	HAMPTON WILLIE L	Pacific Telephone
1962	Drummond Beatrice	Pacific Telephone
1942	CARLSON Elin	Los Angeles Directory Co.
	CARLSON Carl electr	Los Angeles Directory Co.
1937	CARLSON Carl O Elin A electr	Los Angeles Directory Co.
1933	SCANLAN Jas F Anna slsmn	Los Angeles Directory Co.



## FINDINGS

### 1120 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	LLOYD EDW FRAZIER	Pacific Telephone
1971	Lloyd Edw Frazier	Pacific Telephone
1962	Lloyd Edw Frazier	Pacific Telephone
1942	Freeland Ethel A Mrs	Los Angeles Directory Co.

### 1124 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	RIZZO CHAS L	Pacific Telephone
1971	Rizzo Chas L	Pacific Telephone
1962	Rizzo Chas L	Pacific Telephone
1942	Rackin Rose wid Mandel	Los Angeles Directory Co.
	Rackin Harry	Los Angeles Directory Co.

### 1129 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MORRIS WILLIE MAE MRS	Pacific Bell
1986	MORRIS WILLIE MAE MRS	Pacific Bell
1981	MORRIS WILLIE MAE MRS	Pacific Telephone
1971	Morris Willie Mae Mrs	Pacific Telephone
1962	Morris Willie Mae Mrs	Pacific Telephone
1942	Thomas Alpheus W Gracie	Los Angeles Directory Co.

### 1132 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	TAYLOR DOUGLAS	Pacific Bell
1986	TAYLOR DOUGLAS	Pacific Bell
1981	TAYLOR DOUGLAS	Pacific Telephone
1971	Taylor Douglas	Pacific Telephone
1962	Taylor Douglas	Pacific Telephone
1942	Pollard Leota A ofc wkr	Los Angeles Directory Co.
	MOORE John	Los Angeles Directory Co.
	MOORE Jas H kitchenwkr Genl Hosp	Los Angeles Directory Co.

### 1133 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HAMPTON NINA N	Pacific Bell
1986	HAMPTON NINA N	Pacific Bell
1981	LORENZ MARTIN	Pacific Telephone
1971	Lorenz Martin	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Lorenz Martin	Pacific Telephone
1942	LORENZ Martin Freda eng	Los Angeles Directory Co.
1937	Lorenz Martin Frieda	Los Angeles Directory Co.
	Ehlert Carl auto mech	Los Angeles Directory Co.

### 1141 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	FISHER ARLIVIA MRS	Pacific Telephone
1971	Harrell Eunice	Pacific Telephone
	Fisher Arlivia Mrs	Pacific Telephone
1962	Fisher Wm	Pacific Telephone
1942	Marguerita clk Pub Sch	Los Angeles Directory Co.
	Greenawald Emerald G pro asst cash B of A	Los Angeles Directory Co.
	EARL Robt Evelyn electn	Los Angeles Directory Co.

### 1143 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CONNOR PETER	Pacific Bell
1986	CONNOR PETER	Pacific Bell
1971	Bell Sidney B	Pacific Telephone
1942	Hustwick Earl G Christine meatctr	Los Angeles Directory Co.
	EARLE Robt V Evelyn	Los Angeles Directory Co.

### 1144 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LEE MALINDA L	Pacific Bell
1986	LEE MALINDA L	Pacific Bell
1981	LEE MALINDA L	Pacific Telephone
1971	Lee Malinda L	Pacific Telephone
1962	Piazzollo Natal	Pacific Telephone
1942	Krasnow Max S Syivia slsmn Lucky Auto Supply Co	Los Angeles Directory Co.
	Doyle Carroll R Barnice driver	Los Angeles Directory Co.
	Doyle Bernice K sten J V Brewer	Los Angeles Directory Co.

### 1145 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ANDREWS ALMETA	Pacific Telephone
1942	BACON Mark G Kath surv	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	BACON Kathleen C sten Riehfield Oil Corp	Los Angeles Directory Co.
1937	LOWRY Michl A inspr Met Water Dist	Los Angeles Directory Co.
	BACON Mark G Kathleen chainmn Mct Water Dist	Los Angeles Directory Co.
	BACON Kathleen C sten Richfield Oil Co	Los Angeles Directory Co.
1933	Lowry Kathleen C sten	Los Angeles Directory Co.
	Lowry Michl Cath carp	Los Angeles Directory Co.
	JONES Ethel Mrs	Los Angeles Directory Co.
1929	Filey Jos E Marion mach	Los Angeles Directory Co.

### 1146 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SMITH STANFORD	Pacific Bell
1971	Whitmore Wilma	Pacific Telephone
	Granillo Frank	Pacific Telephone
1962	Tetzlaff Marie Mrsi	Pacific Telephone
	Crenshaw Neil	Pacific Telephone
1942	FRIEDLAND Isaac Musy carp	Los Angeles Directory Co.

### 1147 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	ALEXANDER PARIS	Pacific Bell
1962	Darden Leola S	Pacific Telephone
	Norton Mary E	Pacific Telephone
1942	SMITH Grace L T tel opr BPW	Los Angeles Directory Co.
1937	Weir Wm L Anna M	Los Angeles Directory Co.
1933	Flitcroft Will Dorothy	Los Angeles Directory Co.

### 1152 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	PRATHER NORRIS J	Pacific Telephone
1971	Prather Norris J	Pacific Telephone
	Atkins Leroy	Pacific Telephone
1962	Mazzotta Jane	Pacific Telephone
1942	Knabusch Edwin R Inez troublemn DW&P	Los Angeles Directory Co.
	ROSEN Louis Ida cnfy	Los Angeles Directory Co.

### 1155 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WOODFOX MONIQUE Y	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Martin Donald	Pacific Telephone
1962	Melton Franklin	Pacific Telephone
	Melton Dorothy	Pacific Telephone
	Barber Evelyn N	Pacific Telephone
	Barber Eugene	Pacific Telephone

### 1156 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LYTLE TEANISHA	Pacific Bell
1962	Ambrester Monica Mrs	Pacific Telephone

### 1157 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JEFFERSON EDW JOHN SR	Pacific Bell
1986	JEFFERSON EDW JOHN SR	Pacific Bell
1971	Branch Cleo Alexander	Pacific Telephone
	Jackson Lehila	Pacific Telephone
1962	Culverson Bessie Mae	Pacific Telephone
1942	Grahek John T Emma printer	Los Angeles Directory Co.
	Grahek Kath G	Los Angeles Directory Co.
1937	Whalev Bert A Thelma firemn L A FD	Los Angeles Directory Co.
1933	Evans Evert J Isobel supvr D S Bread Co	Los Angeles Directory Co.
	SCHNEIDER Josephine tel opr	Los Angeles Directory Co.
1929	Dobson Howard F Lena slsmn	Los Angeles Directory Co.
	Dobson Jos B mspr City Eng	Los Angeles Directory Co.
	EVANS E J Isabel	Los Angeles Directory Co.

### 1159 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Copeland Ester	Pacific Telephone
1962	Adams O L	Pacific Telephone
	Copeland Ester	Pacific Telephone
1942	Sedlak Thos J Mary aircrftwkr	Los Angeles Directory Co.
1937	Olson Louise G sten Barker Bros	Los Angeles Directory Co.
	HAYWORTH Margt N Mrs receptionist	Los Angeles Directory Co.
	Weaver Jackson Co	
	Franz Elsie L Mrs	Los Angeles Directory Co.
1929	KING Cecille sten	Los Angeles Directory Co.
	Cutler Arth B Vilate cabtmkr	Los Angeles Directory Co.
	EVANS Harry Martha electn	Los Angeles Directory Co.

## FINDINGS

### 1205 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Lairmore F L	Pacific Telephone
1942	Wilbourn Randolph auto repr KIMBERLY May wid Thos	Los Angeles Directory Co. Los Angeles Directory Co.

### 1206 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	GARCIA HILARIA	Pacific Bell
1981	MARTIN VERONICA J	Pacific Telephone
1962	Shepard Laura Mrs	Pacific Telephone
1942	SHEPARD Laura Mrs	Los Angeles Directory Co.
1937	SHEPARD Bert M Laura A	Los Angeles Directory Co.
1933	SHEPARD Bert Laura Carp	Los Angeles Directory Co.

### 1209 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	RHETTA DUANE	Pacific Telephone
1971	Miller Herman O	Pacific Telephone
1962	Miller Herman O	Pacific Telephone
1942	Miller Herman O carp	Los Angeles Directory Co.
1937	MILLER Herman O carp MILLER Elva C wid Eros	Los Angeles Directory Co. Los Angeles Directory Co.
1933	MILLER Herman O carp MILLER Elva C wid Enos	Los Angeles Directory Co. Los Angeles Directory Co.
1929	MILLER Elva C wid Enos	Los Angeles Directory Co.
1924	Miller Herman O carp r Miller Enos carp h	Los Angeles Directory Co. Los Angeles Directory Co.

### 1216 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	JACKSON GEORGIA M	Pacific Telephone
1962	Seymour Dorothy N Seymour Dorothy N	Pacific Telephone Pacific Telephone
1942	BERRY Nellie fctywkr JORDAN Melverne T clk B of A Ott De Lores L Mrs waiter	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.
1937	Grand Pre Edgar V Lou elav opr MAJOR Jos A Arvilla B clk	Los Angeles Directory Co. Los Angeles Directory Co.
1933	La Croix Alf E Alice clk	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Twitchell Earl H Anna barber	Los Angeles Directory Co.
1929	Motes Robt R Madeline H waiter	Los Angeles Directory Co.
1924	Franz R J slsmn E R Bohan & Co r	Los Angeles Directory Co.
	Schug A R slsmn h	Los Angeles Directory Co.
	SHERWOOD Lewis S teler Cal Bank h	Los Angeles Directory Co.

### 1227 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	EDWARDS Cavell C Jane fctywr	Los Angeles Directory Co.
1933	Thirkill Eug Kath electn	Los Angeles Directory Co.
	Rothenbach Anne E Mrs clk Pub Library	Los Angeles Directory Co.
1929	COMBS Paul bellmn	Los Angeles Directory Co.

### 1228 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BROOKS DEBRA M	Pacific Telephone
	MERRIWETHER RACHELLE	Pacific Telephone
	ROSBY E MAUDICE	Pacific Telephone
	SMITH CHAS J	Pacific Telephone
	STEPHNEY M	Pacific Telephone
1971	Harris Cardell	Pacific Telephone
	Irving Jas E	Pacific Telephone
	Jones Johnny	Pacific Telephone
	Smith Jas Elroy	Pacific Telephone
	Willis Pearl	Pacific Telephone
	Wytch Juanita	Pacific Telephone
1962	Grayson Emmitt E	Pacific Telephone
	Grayson Thelma	Pacific Telephone
1942	PIERSON Orval J Helen radio techn	Los Angeles Directory Co.
	Wharmby Helen wid H A tchr	Los Angeles Directory Co.
1937	Terry Earl F	Los Angeles Directory Co.
	Wharmby Helen F Mrs	Los Angeles Directory Co.
1933	Pielago Ferdinand Carol mach opr	Los Angeles Directory Co.
	Wharmby Herbt A Helen C carrier PO	Los Angeles Directory Co.
1929	FLOOD John W	Los Angeles Directory Co.
	FLOOD Wm A	Los Angeles Directory Co.
	STEPHENS John L Stella carp h	Los Angeles Directory Co.
	Wharmby Herbt A Helen carrier PO h	Los Angeles Directory Co.
1924	Flood John W watchmn h	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	FLOOD Wm A eng r	Los Angeles Directory Co.
	Wharmby Herbt A carrier P O h	Los Angeles Directory Co.

### 1233 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MEDINA JESUS	Pacific Bell
1981	SHANKLIN ALLEN	Pacific Telephone
1962	Jelink Anna	Pacific Telephone
1942	Jelinek Anna	Los Angeles Directory Co.
1937	Schnable Robt C	Los Angeles Directory Co.
	Jelink Anna T bkpr	Los Angeles Directory Co.
1933	Jelink Anna bkpr	Los Angeles Directory Co.
	Deneke Albina wid Theo	Los Angeles Directory Co.
1929	Deneke Alvina wid Theo	Los Angeles Directory Co.

### 1234 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	AVILA DARLENE	Pacific Bell
1971	Christian Percy L	Pacific Telephone
1962	Lona Ralph	Pacific Telephone
1942	Huley Benj Beulah mech	Los Angeles Directory Co.
	Hodson Richd J Bertha	Los Angeles Directory Co.
1937	KING John Estella	Los Angeles Directory Co.
	Hodson Phyllis J Bertha	Los Angeles Directory Co.
1933	Hodson Richd J Bertha	Los Angeles Directory Co.
1929	Harriman Mary wid E T	Los Angeles Directory Co.
	Brelsford Wilbur Dorothy gas sta opr	Los Angeles Directory Co.
1924	Abbey Frank H mech eng h	Los Angeles Directory Co.

### 1237 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MATLOCK WINIFRED A	Pacific Bell
1986	MATLOCK WINIFRED A	Pacific Bell
1981	MATLOCK WINIFRED A	Pacific Telephone
1971	Matlock Leslie	Pacific Telephone
1962	Matlock Leslie	Pacific Telephone
	Matlock Monnie Faye	Pacific Telephone
1942	HUGHES Wm H Lilla	Los Angeles Directory Co.
1937	Hughes Wm H Lilla	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	WHITNEY Frank Lonelle pntr	Los Angeles Directory Co.
	WHITNEY Marion S cash Broadway Dept Store	Los Angeles Directory Co.
	WHITNEY Richd	Los Angeles Directory Co.
	WRIGHT Marion Mrs	Los Angeles Directory Co.
1929	WHITNEY J Frank Lonelle pntr h	Los Angeles Directory Co.
	WHITNEY Marion cashr Broadway Dept Store r	Los Angeles Directory Co.
1924	Peters A D coll h	Los Angeles Directory Co.
	PETERS Dorothy r	Los Angeles Directory Co.

### 1243 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	TOWNER ALBERT	Pacific Telephone
1962	Carlsson V	Pacific Telephone
1942	Wojcik Helen compt opr	Los Angeles Directory Co.
	Wojcik Eliz Mrs	Los Angeles Directory Co.
1937	Wojcik Walter Eliz jan	Los Angeles Directory Co.
	Wojcik Helen	Los Angeles Directory Co.
1933	Wojcik Walter Eliz coremkr	Los Angeles Directory Co.
1929	FENTON Jas T May lab	Los Angeles Directory Co.
1924	Wojcik Walter coremkr h	Los Angeles Directory Co.

### 1244 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BLAND EULA & PARRIS	Pacific Bell
1986	BLAND EULA & PARRIS	Pacific Bell
1981	BLAND EUTA & PARRIS	Pacific Telephone
1971	Vincent Benjamin F	Pacific Telephone
1962	Vincent Benj F	Pacific Telephone
1942	Bender Neal electn	Los Angeles Directory Co.
	SMITH Geo T	Los Angeles Directory Co.
1937	SMITH Walter R lather	Los Angeles Directory Co.
	SMITH Harry H lather	Los Angeles Directory Co.
	SMITH Geo T Mary A	Los Angeles Directory Co.
	SMITH Emmo S mlnr	Los Angeles Directory Co.
	SMITH Edith M mlnr	Los Angeles Directory Co.
	SMITH Gwendolyn V slswn	Los Angeles Directory Co.
1933	SMITH Edith M mlnr	Los Angeles Directory Co.
	SMITH Geo T Mary lather	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	SMITH Harry H lather	Los Angeles Directory Co.
1929	SMITH Walter lather r	Los Angeles Directory Co.
	SMITH Emma M mlnr	Los Angeles Directory Co.
	r	Los Angeles Directory Co.
1924	SMITH Harry H lather r	Los Angeles Directory Co.
	SMITH Geo T lather h	Los Angeles Directory Co.
	r	Los Angeles Directory Co.

### 1245 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	LANE MATTIE	Pacific Bell
1981	LANE MATTIE	Pacific Telephone
1942	HAWKINS Paul E Opal D elec motors	Los Angeles Directory Co.
1933	MOREHOUSE Harry C Lillian asst v pres Emsco Derrick & Equip Co	Los Angeles Directory Co.
	Hellin Paul Frances gro	Los Angeles Directory Co.
1929	MOREHOUSE Harry C Lillian eng	Los Angeles Directory Co.
1924	Milne Alex carp h	Los Angeles Directory Co.
	Proctor Frank E steno r	Los Angeles Directory Co.

### 1248 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WILLIAMS PATRICIA THOMAS	Pacific Bell
1986	WILLIAMS PATRICIA THOMAS	Pacific Bell
1981	SNODDIE TOMMIE L	Pacific Telephone
1962	Mason Jas H	Pacific Telephone
1942	Zarow Arth K Vera slsmn B S Jacobson	Los Angeles Directory Co.
1937	Hellin Paul Frances gro	Los Angeles Directory Co.
	Hellin Arnold Cassie artist Pacific Title & Art Studio	Los Angeles Directory Co.
	HARRIS John	Los Angeles Directory Co.
1933	ZUNIGA Jos	Los Angeles Directory Co.
1929	Kodellid Peter acct	Los Angeles Directory Co.
	Hellin Paul Frances meats	Los Angeles Directory Co.
	Hellin Arnold card writer	Los Angeles Directory Co.
	Boni Robt A Gina pntr	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

## FINDINGS

### 1250 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	NORFLEET LEOLA	Pacific Telephone

### 1251 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LUCAS S R	Pacific Bell
	LUCAS ROSALIE	Pacific Bell
1986	LUCAS S R	Pacific Bell
	LUCAS ROSALIE	Pacific Bell
1981	LUCAS S R	Pacific Telephone
	LUCAS ROSALIE	Pacific Telephone
1971	Lucas Minor	Pacific Telephone
1962	Lucas Minor	Pacific Telephone
1942	ROBERTSON Lillie A wid R W	Los Angeles Directory Co.
1937	Sheets Harriet A wid H L slswn	Los Angeles Directory Co.
	HOPKINS Russell G Inez C clk	Los Angeles Directory Co.
1933	Sheets Harriet A wid H L slswn	Los Angeles Directory Co.
	Sheets C Inez clk SFN Bank	Los Angeles Directory Co.
	HOPKINS Russell Inez	Los Angeles Directory Co.
1929	Sheets Harry L Harriett solr h	Los Angeles Directory Co.
1924	Sheets Harry L div sales mgr Pac Baking Co h	Los Angeles Directory Co.

### 1252 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WILLIAMS ARTHUR	Pacific Bell
	CROWDER K L	Pacific Bell
1971	Goodson Frederick	Pacific Telephone

### 1254 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	WILLIAMS LLOYD	Pacific Bell
1962	Chambers Willie G	Pacific Telephone
	Purdom Chas W	Pacific Telephone
1942	KING Josephine slswn	Los Angeles Directory Co.
	KING Lucy Mrs	Los Angeles Directory Co.
	RASMUSSEN Emma Mrs slswn	Los Angeles Directory Co.
	WARREN Carrie Mrs	Los Angeles Directory Co.
	WARREN Christina boxmkr	Los Angeles Directory Co.
	WELCH Chas	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	WELCH Harold D Judie clk	Los Angeles Directory Co.
1937	Linson Lionel L Helen C baker	Los Angeles Directory Co.
	Mazhar Mack Jessie	Los Angeles Directory Co.
	Mc CABE Morris Irene	Los Angeles Directory Co.
	Tapley Helene M Mrs	Los Angeles Directory Co.
1933	Ellegood Gilbert C Freda barber	Los Angeles Directory Co.
	ERICKSON L J	Los Angeles Directory Co.
	SCHAEFER Edw clk	Los Angeles Directory Co.
1929	DUNBAR Will H Eliz slsmn	Los Angeles Directory Co.
	HANSEN Julia matmkr	Los Angeles Directory Co.
	Lindeken Aug T Marie mech	Los Angeles Directory Co.
1924	Lindeken Aug T millwkr r	Los Angeles Directory Co.

### 1257 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Keelin Clara B Mrs	Pacific Telephone
1942	Germond Myra acct	Los Angeles Directory Co.
	Germond Dorothy sten SDC	Los Angeles Directory Co.
1937	Germond Myra acct	Los Angeles Directory Co.
	Germond Dorothy sten State Div of Corporations	Los Angeles Directory Co.
1933	GERMOND Myra acct	Los Angeles Directory Co.
	Germond Dorothy sten State Div of Corporations	Los Angeles Directory Co.
1929	Germond Myra	Los Angeles Directory Co.
	Germond Dorothy sten State Corp Dept	Los Angeles Directory Co.
1924	Sheets Harriet A Mrs slswmn r	Los Angeles Directory Co.
	DORAN F J slsmn Pac Baking Co r	Los Angeles Directory Co.
	Porter L A oil wkr h	Los Angeles Directory Co.

### 1258 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	RICHARDSON MAMIE	Pacific Bell
1986	RICHARDSON MAMIE	Pacific Bell
1962	Fript Edw	Pacific Telephone
1942	Lindeken Agnes M clk	Los Angeles Directory Co.
	Lindeken Aug T Marie tool sharpener Bd of Educ	Los Angeles Directory Co.
	Lindeken Louise	Los Angeles Directory Co.
1937	Lindeken Aug T jr Marie S carp Bd of Educ	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Lindiken Aug T jr	Los Angeles Directory Co.

### 1261 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CARTER ROSA LEE	Pacific Bell
1986	CARTER ROSA LEE	Pacific Bell
1981	CARTER ROSA LEE	Pacific Telephone
1971	Carter Rosa Lee	Pacific Telephone
1962	Phillips Ivory	Pacific Telephone
1942	Stokes Bertha Mrs	Los Angeles Directory Co.
1937	CORNWALL Wallace L Marian pharm	Los Angeles Directory Co.
1933	Towey Lloyd Barbara clk	Los Angeles Directory Co.
1929	MOORE Mabel L wid A H cashr Standard Bakeries Corp	Los Angeles Directory Co.

### 1262 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BONNER LEON & CRISTINA	Pacific Telephone
1971	Dunn L	Pacific Telephone
1962	Bradford Gaines	Pacific Telephone
1942	DOYLE Theo M Selma Welder	Los Angeles Directory Co.

### 1263 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	HANNIBAL CORA	Pacific Bell
1981	HANNIBAL CORA	Pacific Telephone
1971	Hannibal Cora	Pacific Telephone
1942	Bonneau John H Gladys aircrftwkr	Los Angeles Directory Co.
1937	Mc KENZIE Kirk Mary glove ctr	Los Angeles Directory Co.
	Mc KENZIE Bud	Los Angeles Directory Co.
	BASSETT Shirley	Los Angeles Directory Co.
1933	Cornwall Wallace T Marian	Los Angeles Directory Co.
1929	Cornwall Wallace L Marian pharm J W Charter	Los Angeles Directory Co.
	Cornwall Marian nurse	Los Angeles Directory Co.

### 1300 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HORTON RAY	Pacific Bell
1986	HORTON RAY	Pacific Bell
1981	WASHINGTON DORADEAN	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Evans Deborah	Pacific Telephone
1962	Martinez Edwards	Pacific Telephone
1942	GUENTHER Robt	Los Angeles Directory Co.
	Jensky Wallace A Mary sten City Eng	Los Angeles Directory Co.

### 1304 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	JOHNSON BERNICE A	Pacific Telephone
1962	Erby Joe S	Pacific Telephone
	Valdez Arturo	Pacific Telephone
1942	LONG Maurice Lucille	Los Angeles Directory Co.
	Erickson Carl G Sara driver	Los Angeles Directory Co.

### 1306 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	PENERMAN PEARL W	Pacific Bell
1981	MOORE STERLING	Pacific Telephone
1971	Polite T R	Pacific Telephone
	Stone Winzelle	Pacific Telephone
1962	Garey Thos	Pacific Telephone
1942	Vincent Gwendolyn V clk	Los Angeles Directory Co.
	Vincent Benj Gwen	Los Angeles Directory Co.
	Lyle Robt F Louise lab	Los Angeles Directory Co.
	Lyle Louise E clk	Los Angeles Directory Co.

### 1307 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	COLLINS OLA M	Pacific Bell
1981	MELVOLIA M CARSON	Pacific Telephone
1971	Collins Ola M	Pacific Telephone
1962	Kane Wm Geo Mrs	Pacific Telephone
1942	Cornish Arth E Violet slsmn W L Dixon Co	Los Angeles Directory Co.
1937	Cornish Arth E Violet F slsmn	Los Angeles Directory Co.
1933	INGRAM Jos Elsie	Los Angeles Directory Co.
1929	MORRIS Russell E driver	Los Angeles Directory Co.

### 1308 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WASHINGTON ALBERTHA	Pacific Bell
1986	WASHINGTON ALBERTHA	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	JOHNSON D M	Pacific Telephone
1971	Bauer Beverly	Pacific Telephone
1962	Vargas Gilberto M	Pacific Telephone
1942	Baumer Wm Florence driver	Los Angeles Directory Co.
	Aldays Saml Mildred driver	Los Angeles Directory Co.

### 1310 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	BELL BARBARA L	Pacific Bell
1981	DUKES LYNN R	Pacific Telephone
1971	Globe Savannah	Pacific Telephone
	Brewster Marilyn	Pacific Telephone
1962	Young Edw	Pacific Telephone
1942	WELLS Robt L Mary clk	Los Angeles Directory Co.
	WELLS Mary L tchr Pub Sch	Los Angeles Directory Co.
	OMara John J Constance police	Los Angeles Directory Co.

### 1312 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ARCHIBOLD HELEN	Pacific Telephone
	ARCHIBOLD REINALDO	Pacific Telephone
1971	Gallington Durry	Pacific Telephone
1962	Gales John	Pacific Telephone
	Mobley Leonard	Pacific Telephone
1942	MATTHEWS Robt W Frances clk	Los Angeles Directory Co.
	Conyers Dean A Zetta mgr Am Stge Co	Los Angeles Directory Co.

### 1318 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	FLOWERS ANTINONETTE	Pacific Telephone
1971	Prince W	Pacific Telephone
	Knox Anita	Pacific Telephone
1942	Boye Albt R Ula A mech	Los Angeles Directory Co.
	Reischel Herman F Jessica elec tester DW&P	Los Angeles Directory Co.

### 1320 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ULLOA ISOLINA	Pacific Bell
1962	Jones W P	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Sherman Arth Geraldine emp SCG Co	Los Angeles Directory Co.
	Banner Arth Dorothy	Los Angeles Directory Co.

### 1321 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ROSS TONEE	Pacific Telephone
1942	JONES S Perry Minnette carp	Los Angeles Directory Co.
1937	JONES S Perry Minnette	Los Angeles Directory Co.
1933	JONES S Perry Minnette carp	Los Angeles Directory Co.
1929	JONES S Perry Minnette carp	Los Angeles Directory Co.
1924	Bieghler Oscar E h	Los Angeles Directory Co.

### 1324 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	RUSSELL JO ANN	Pacific Bell
1981	MARTIN PAULETTE	Pacific Telephone
	LOVE CLARENCE	Pacific Telephone
	HOLLIE ELAINE	Pacific Telephone
	DAWKINS VERONICA	Pacific Telephone
1971	Wright Roosevelt	Pacific Telephone
	Woodard Eddie	Pacific Telephone
	West A	Pacific Telephone
	Smith Rosalie H	Pacific Telephone
	Pennsylvania Rosalie	Pacific Telephone
	Dillard Marine	Pacific Telephone
	Hopkins Alicia M	Pacific Telephone
1962	Stein Frieda	Pacific Telephone
1942	STEIN Fred Frieda baker	Los Angeles Directory Co.

### 1330 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Petteway J A	Pacific Telephone
1942	Coneo Frances Mrs	Los Angeles Directory Co.
	La Bue Mary	Los Angeles Directory Co.
	La Bue Salvatore Mary	Los Angeles Directory Co.

### 1333 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	REVELES ANTONIO	Pacific Bell
1981	REVELES ANTONIO	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Mc Neil Boyd	Pacific Telephone
1942	CLAWSON Sylvia sten Cal Associated	Los Angeles Directory Co.
	CLAWSON Marvin V Nelda	Los Angeles Directory Co.
1937	BUTLER Raymond H Juanita D slsmn	Los Angeles Directory Co.
1933	BELL Frank A Mary slsmn	Los Angeles Directory Co.
1929	Freppoli Tim Dolores slsmn	Los Angeles Directory Co.
1924	Pons Adrian foremn L A Creamery Co h	Los Angeles Directory Co.
	Pons Elida bkpr L A Creamery Co r	Los Angeles Directory Co.

### 1338 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JONES ERNEST	Pacific Bell
	HULSEY ORA LEE	Pacific Bell
	DIGGS ROSATTA	Pacific Bell
1986	THOMAS M	Pacific Bell
	THOMAS GENO K	Pacific Bell
	STEWART C E	Pacific Bell
	HARRIS RAYMOND	Pacific Bell
	ALEXANDER PLUMBING SERVICE	Pacific Bell
	ALEXANDER JOHNNY	Pacific Bell
1981	SMITH JOCELYN R	Pacific Telephone
	NICOLAS ROSIE	Pacific Telephone
	DAVIS D	Pacific Telephone
	BROUSSARD TERESA	Pacific Telephone
1971	Roberts Sherman	Pacific Telephone
	Signater Earl	Pacific Telephone
	Caire Saml	Pacific Telephone
	Cauley Jessie	Pacific Telephone
	Dennis Caroline	Pacific Telephone
	Huddleston J F	Pacific Telephone
	Love Clarence	Pacific Telephone
1962	Cooper Milan	Pacific Telephone
	Collins Jas	Pacific Telephone
	Baker R L	Pacific Telephone
	Jackson Saml	Pacific Telephone
	La Count Rosella	Pacific Telephone
	Mc Neil Rose Anna	Pacific Telephone
	Mewborn John W	Pacific Telephone
	Mewborn Lucille	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Pearson Paul M	Pacific Telephone
	Rodney Andrew L	Pacific Telephone
	Webb Felix A	Pacific Telephone

### 1340 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MC CRAY RAMON JOSE	Pacific Bell
1981	BACON PHYLLIS	Pacific Telephone
	HUBBERT JAS E	Pacific Telephone
	MCCRAY RAMON JOSE	Pacific Telephone
1971	Bell Ethel M	Pacific Telephone
	Dixon Robt	Pacific Telephone
1962	Aubert Stella	Pacific Telephone
	Bryant Dorothy	Pacific Telephone
	Burley Louise	Pacific Telephone
	Burley Ozzie	Pacific Telephone
	Hamilton Van B	Pacific Telephone
	Seals Cynthia M	Pacific Telephone
	Watkins Doris V	Pacific Telephone
	Watkins Gervis	Pacific Telephone
	Watkins Stella	Pacific Telephone
	Williams Earl	Pacific Telephone
1942	Wildasin Florence N	Los Angeles Directory Co.
	Wildasin Louesa	Los Angeles Directory Co.
	Wildasin Magdalena wid John	Los Angeles Directory Co.
	Wildasin Magdalena M	Los Angeles Directory Co.
1937	Wildasin Florence N	Los Angeles Directory Co.
	Wildasin Louesa	Los Angeles Directory Co.
	Wildasin Magdalena wid John	Los Angeles Directory Co.
1933	Wildasin Florence M clk	Los Angeles Directory Co.
	Wildasin Louisa	Los Angeles Directory Co.
	Wildasin Magdalena wid John	Los Angeles Directory Co.
	Wildasin Magdalena M	Los Angeles Directory Co.
1929	Wildasin Florence N mlnr r	Los Angeles Directory Co.
	Wildasin John Magdalena h	Los Angeles Directory Co.
	Wildasin Louisa bkpr r	Los Angeles Directory Co.
	Wildasin Magdalena H bkpr r	Los Angeles Directory Co.
1924	Wildasin Florence M milliner r	Los Angeles Directory Co.
	Wildasin John h	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Wildasin Louesa bkpr r	Los Angeles Directory Co.
	Wildasin Magalena M steno r	Los Angeles Directory Co.

### 1341 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GORDILLO FRANCISCO	Pacific Bell
1986	GORDILLO FRANCISCO	Pacific Bell
1971	Wright Clara Mae	Pacific Telephone
1962	Churchwell Robt C	Pacific Telephone
1942	Cogswell Frank Susan clk	Los Angeles Directory Co.
1937	Cogswell Franklin Sue M clk	Los Angeles Directory Co.
1933	Maire M	Los Angeles Directory Co.
1929	Rolin Nels Hilma baker	Los Angeles Directory Co.
	h	Los Angeles Directory Co.
	Rolin Carl A clk r	Los Angeles Directory Co.
1924	Rolin Nels baker r	Los Angeles Directory Co.
	r	Los Angeles Directory Co.
	Rolen Nelson bakery h	Los Angeles Directory Co.

### 1345 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	PITTS R	Pacific Bell
1986	PITTS R	Pacific Bell
1981	PITTS R	Pacific Telephone
1971	Pitts R	Pacific Telephone
1942	REY Lucy Mrs smstrs	Los Angeles Directory Co.

### 1346 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	LEE DONALD	Pacific Bell
1971	Vivian Bernice Mrs	Pacific Telephone
1962	Zimprich Emil	Pacific Telephone
1942	WHITE Fred L Josephine lbr grader	Los Angeles Directory Co.
	CAMPBELL Robt J Pauline bartndr	Los Angeles Directory Co.

### 1349 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	RECORD BOBBY & REGINA	Pacific Bell
1971	Bassett Junious	Pacific Telephone
1962	Dominguez Magdaleno A	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Bassett Junious	Pacific Telephone
1942	Schoeder Wm E Marietta	Los Angeles Directory Co.

### 1411 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	TAYLOR H	Pacific Bell
1981	TAYLOR H	Pacific Telephone
1962	Gayles V M	Pacific Telephone
1942	CARLTON Edwin O Virginia V lather	Los Angeles Directory Co.
1937	EVANS Marie Mrs bakerywkr	Los Angeles Directory Co.
1933	TUCKER Wm C Mildred lab	Los Angeles Directory Co.
	Whipple Alma Mrs	Los Angeles Directory Co.
1929	Saey Neely Georgia cement fnshr h	Los Angeles Directory Co.
1924	CULP Thos A clk r	Los Angeles Directory Co.
	WINN Thos O plastr h	Los Angeles Directory Co.

### 1414 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	WASHINGTON KATY	Pacific Bell
1971	Bynum Olivia	Pacific Telephone
1962	Bynum Olivia	Pacific Telephone
1942	WHITE Rosa B inspr Machin Shirt Co	Los Angeles Directory Co.
1937	Huston Olive wid J R	Los Angeles Directory Co.

### 1416 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	TUTT GEORGIA	Pacific Bell
1981	TUTT GEORGIA	Pacific Telephone
1971	Tutt Georgia	Pacific Telephone
1962	Tutt Henry	Pacific Telephone
1942	ATKINSON Lee W Ethel B pntr	Los Angeles Directory Co.
	ATKINSON Harold L gas sta atdt	Los Angeles Directory Co.
1937	WHITE Lester Bertha cementwkr	Los Angeles Directory Co.
1933	WHITE Lester K Bertha L mach	Los Angeles Directory Co.
1929	PATTERSON Lillian clk	Los Angeles Directory Co.
	WHITE Lester K cond h	Los Angeles Directory Co.
1924	WHITE Rose B sander r	Los Angeles Directory Co.
	WHITE Lester K cond h	Los Angeles Directory Co.

## FINDINGS

### 1425 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ALEXANDER CURTIS	Pacific Bell
	ALEXANDER CURTIS JR	Pacific Bell
1986	ALEXANDER CURTIS	Pacific Bell
	ALEXANDER JEAN	Pacific Bell
1981	ALEXANDER JEAN	Pacific Telephone
	ALEXANDER CURTIS	Pacific Telephone
1971	Alexander Curtis	Pacific Telephone
1962	Alexander Jean E	Pacific Telephone
1937	MEAD Geo F	Los Angeles Directory Co.
1933	MEAD Geo F bus mgr J H Eagle	Los Angeles Directory Co.
	BAGLEY Rebecca Mrs cook	Los Angeles Directory Co.
1929	Twiehouse Harry L Grace clk h	Los Angeles Directory Co.
	MEAD Geo F v pres treas J H Eagle Inc	Los Angeles Directory Co.
1924	Twiehouse Harry L auto mech h	Los Angeles Directory Co.
	MEAD Geo F clk r	Los Angeles Directory Co.

### 1428 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SHULER DOROTHY	Pacific Bell
1986	SHULER DOROTHY	Pacific Bell
1981	SHULER DOROTHY	Pacific Telephone
1971	Stokes Virgil	Pacific Telephone
1962	Stokes Virgil	Pacific Telephone
1942	Pharris Carl C constrwkr	Los Angeles Directory Co.
	Hempill Morris D Myrtle L aircrftwkr	Los Angeles Directory Co.
1937	Thorstens Harold	Los Angeles Directory Co.
	Thorstens Elmer pile driver	Los Angeles Directory Co.
	Thorstens Alice C sten Union Hdw & Motel Co	Los Angeles Directory Co.
1933	Brevern Theo Marie clk	Los Angeles Directory Co.
	Brevern Geo P	Los Angeles Directory Co.
1929	HOUSTON Cetta wid D J	Los Angeles Directory Co.
	HOUSTON Dallas J Latisha civ eng City Eng	Los Angeles Directory Co.
1924	SNYDER E Belle Mrs h	Los Angeles Directory Co.

### 1429 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	NOBLE RICARDO	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	NOBLE RICARDO	Pacific Telephone
1942	Mc Quay Harold H Kathleen G refrig eng	Los Angeles Directory Co.
1937	MOSS Opal	Los Angeles Directory Co.
	MOSS O B Ruby baker	Los Angeles Directory Co.
	Moss Clifford baker	Los Angeles Directory Co.
	Gindels Robt slsmn	Los Angeles Directory Co.
1933	SMITH Nathan G slsmn	Los Angeles Directory Co.
1929	Plunkett Jas J Edna federal mspr h	Los Angeles Directory Co.
1924	Stiles Francis C slsmn h	Los Angeles Directory Co.
	Mezger Harry C mach h	Los Angeles Directory Co.

### 1430 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WEDLOW FLUE ELLEN	Pacific Bell
1986	WEDLOW FLUE ELLEN	Pacific Bell
1971	Starks J S	Pacific Telephone
1942	Masetti Peter Ruby waiter	Los Angeles Directory Co.

### 1433 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	JOHNSON MARTIN	Pacific Bell
1942	Hagemann Wm E Helen carp	Los Angeles Directory Co.
	Hagemann Richd A clk	Los Angeles Directory Co.
1937	ROGERS John J Nerval mining eng	Los Angeles Directory Co.
1929	ANDERSON Oscar L Florence mech	Los Angeles Directory Co.
1924	MURRAY Fred E eng h	Los Angeles Directory Co.

### 1437 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	KING HELEN M	Pacific Bell
1986	KING HELEN	Pacific Bell
	KING ESAW	Pacific Bell
1981	KING HELEN	Pacific Telephone
	KING ESAW	Pacific Telephone
1971	King Helen	Pacific Telephone
	King Esaw	Pacific Telephone
1962	Bivens Daisy	Pacific Telephone
1942	CAMPBELL Dean O Geneva A	Los Angeles Directory Co.
1937	YOUNG Herbt D Erma D treas J A Murphy & Co	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Loveland Mabel Mrs	Los Angeles Directory Co.
1929	Kimsey Frank stone ctr	Los Angeles Directory Co.
1924	ARMSTRONG De Witt lab r	Los Angeles Directory Co.
	CUNNINGHAM Gertrude steno r	Los Angeles Directory Co.
	CUNNINGHAM C C watchmn h	Los Angeles Directory Co.
	CUNNINGHAM Edna steno Vogue Co r	Los Angeles Directory Co.
	CUNNINGHAM Edith seam r	Los Angeles Directory Co.
	CUNNINGHAM Herbert lab r	Los Angeles Directory Co.
	Winchester Floyd lab r	Los Angeles Directory Co.

### 1441 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MCCOLLUM ESSIE	Pacific Bell
1986	MC COLLUM ESSIE	Pacific Bell
1981	MC COLLUM ESSIE	Pacific Telephone
1971	Mc Collum Essie	Pacific Telephone
1962	Mc Collum Essie	Pacific Telephone
1942	Trosky Adelia wid Fred	Los Angeles Directory Co.
1937	Trosby Fred Adelia	Los Angeles Directory Co.
	BARON Geo L Anna cond	Los Angeles Directory Co.
1933	Trasky Fred Adelia servmn SCT Co	Los Angeles Directory Co.
1929	Trosky Fred J Adelia jau h	Los Angeles Directory Co.
1924	Trosky Fred J h	Los Angeles Directory Co.
	Meyerose Louisa Mrs r	Los Angeles Directory Co.

### 1444 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	JOHNSON Alf J	Los Angeles Directory Co.
	JOHNSON Arth J mach	Los Angeles Directory Co.
1937	JOHNSON Johanna wid O J	Los Angeles Directory Co.
	JOHNSON Hilda sten Bank of Am	Los Angeles Directory Co.
	Johnson Arth J mach	Los Angeles Directory Co.
1933	SCHALL Hans clk	Los Angeles Directory Co.
	JOHNSON Johanna Mrs	Los Angeles Directory Co.
	JOHNSON Hilda	Los Angeles Directory Co.
	JOHNSON Arth auto mech	Los Angeles Directory Co.
1929	JOHNSON Arth J mech	Los Angeles Directory Co.
	JOHNSON Hilda sten	Los Angeles Directory Co.
	JOHNSON Hilda J sten	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	JOHNSON Johanna wid O J	Los Angeles Directory Co.
1924	Blizzard J L wireless tel r	Los Angeles Directory Co.
	GREEN Harold E servicemn L A Gas & Elec Corp h	Los Angeles Directory Co.
	JONES Jessie R h	Los Angeles Directory Co.
	WASHINGTON M Baldrige slsmn r	Los Angeles Directory Co.
	Washington Allen H bkpr Security Tr & Sav Bank r	Los Angeles Directory Co.

### 1445 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	JESSIE THELMA MISS	Pacific Telephone
1962	Spivey Louise L	Pacific Telephone
	Whiteside Virginia T	Pacific Telephone
	Blewett Amy	Pacific Telephone
1942	Galligan Elaine K core SR & Co	Los Angeles Directory Co.
	Gallegan Jas bartndr	Los Angeles Directory Co.
	DANIELS Ida Mrs	Los Angeles Directory Co.
1937	Galligan Jas J Alice slsmn	Los Angeles Directory Co.
	Galligan Geraldine	Los Angeles Directory Co.
	Galligan Elaine clk	Los Angeles Directory Co.
1933	Galligen Jas J Alice slsmn	Los Angeles Directory Co.
1929	Topper Olaf cook r	Los Angeles Directory Co.
	HALL Irene B Mrs	Los Angeles Directory Co.
1924	CLARK Ed factorywkr r	Los Angeles Directory Co.
	Hall D W plumber h	Los Angeles Directory Co.

### 1446 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LOCKHART JOHNNY	Pacific Bell
1986	LOCKHART JOHNNY	Pacific Bell
1981	LOCKHART JOHNNY	Pacific Telephone
1962	Wilkerson Mary	Pacific Telephone
1942	Engelmann Geo Betty J	Los Angeles Directory Co.
	HALL Burton Marian tchr	Los Angeles Directory Co.
1937	COADY Myron A Laura mach	Los Angeles Directory Co.
1929	Barraza Martin R clk	Los Angeles Directory Co.
	Pinkney Leslie Helen pntr	Los Angeles Directory Co.
1924	JOHNSON Arthur J mach r	Los Angeles Directory Co.
	JOHNSON Alfd J auto mech r	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	JOHNSON Alfd auto mech r	Los Angeles Directory Co.
	JOHNSON Johanna wid Q J h	Los Angeles Directory Co.
	JOHNSON Otto mach r	Los Angeles Directory Co.
	MATTHEWS Louise E steno r	Los Angeles Directory Co.

### 1449 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HUNTER ELMO	Pacific Bell
1986	HUNTER ELMO	Pacific Bell
1981	HUNTER ELMO	Pacific Telephone
1971	Hunter Elmo	Pacific Telephone
1942	DANIELS Geo A shoe repr	Los Angeles Directory Co.
1937	Danielson David driver	Los Angeles Directory Co.
	Danielson Gust A Ida shoe repr	Los Angeles Directory Co.
1933	Lindstrom Irene	Los Angeles Directory Co.
	DANIELSON David G auto mech	Los Angeles Directory Co.
	DANIELSON Gus A Ida	Los Angeles Directory Co.
1929	DANIELSON Gustav Ida shoe repr	Los Angeles Directory Co.
	DANIELSON David G porter	Los Angeles Directory Co.
	Lindstrom Irene clk	Los Angeles Directory Co.
1924	LINDSTROM Ellis A carp r	Los Angeles Directory Co.
	h	Los Angeles Directory Co.

### 1453 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ROUZAN MARLYN & WENDEL	Pacific Telephone
	ROUZAN WENDELL & MARLYN	Pacific Telephone
1942	STRAUSS Frank A Gladys pntr	Los Angeles Directory Co.
1937	Macy Irvin Alice millwkr	Los Angeles Directory Co.
	Macey Irvin millmn	Los Angeles Directory Co.
1933	Mc Mahon Edw carp	Los Angeles Directory Co.
	Mc Mahon Ellen Mrs	Los Angeles Directory Co.
1929	Mc Mahon Edw lab	Los Angeles Directory Co.
	Mc MAHON Thos Ellen	Los Angeles Directory Co.
1924	Bestmann John H cement contr h	Los Angeles Directory Co.

### 1456 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	KIRK WALTER	Pacific Bell



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	KIRK WALTER	Pacific Bell
1981	KIRK WALTER	Pacific Telephone
1971	Mc Dowell Garlee	Pacific Telephone
1942	Mailander Norman G labtywchr AF Co	Los Angeles Directory Co.
	Lenihan Mary wid Frank	Los Angeles Directory Co.
	Dierking Howard W Audrey mach	Los Angeles Directory Co.
1937	Van Slyker R C	Los Angeles Directory Co.
	Menihan Mary Mrs	Los Angeles Directory Co.
	Lenihan Mary atdt Genl Hosp	Los Angeles Directory Co.
1933	Lenihan Mae Mrs	Los Angeles Directory Co.
	Lenihan Jos W slsmn Adohr Crmry Co	Los Angeles Directory Co.
1929	Lenihan Eliz A clk	Los Angeles Directory Co.
	Lenihan John L firemn	Los Angeles Directory Co.
	Lenihan Mary wid F M	Los Angeles Directory Co.
1924	Biery Byron B mach h	Los Angeles Directory Co.
	Biery Byron B mach h	Los Angeles Directory Co.

### 1460 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	MCSWAIN LORRAINE	Pacific Telephone
1962	Rallo Alberta	Pacific Telephone
1942	SANDERS Ivan S formn SCTCo	Los Angeles Directory Co.
	DAWSON Robt A	Los Angeles Directory Co.
1937	De Revere C M jr kiln firemn	Los Angeles Directory Co.
	BROWN Cornelia N Mrs sten Morrison Knudsen Co	Los Angeles Directory Co.
1933	SCOTT Cecil W Neta	Los Angeles Directory Co.
1929	EDMONDS Chas auto repr	Los Angeles Directory Co.
	EDMONDS Francis archt	Los Angeles Directory Co.

### 1501 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	JOHNSON CUBA	Pacific Bell
1981	JOHNSON CUBA	Pacific Telephone
1971	Douglas Willie	Pacific Telephone
1942	HICKS Effie M wid C E	Los Angeles Directory Co.
	ERICKSON Ruby wid C W clk	Los Angeles Directory Co.
	HICKS Grace L sten Bof A	Los Angeles Directory Co.
	HUNTER Oren W Vivian driver	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	ERICKSON Ruby wid C W smstrs	Los Angeles Directory Co.
	Hicks Effie wid C E	Los Angeles Directory Co.
	Hicks Geo E	Los Angeles Directory Co.
	Hicks Grace L sten Bank of Am	Los Angeles Directory Co.
	Hunter Oren W Vivian driver	Los Angeles Directory Co.
1933	HICKS Effie Mrs	Los Angeles Directory Co.
	HICKS Gladys L clk	Los Angeles Directory Co.
	HICKS Grace L sten	Los Angeles Directory Co.
	SCOTT Jesse B Carrie Hollywood Newspictures	Los Angeles Directory Co.
1929	Hicks Effie M wid C E	Los Angeles Directory Co.
	HICKS Gladys L clk	Los Angeles Directory Co.
	HICKS Grace L sten	Los Angeles Directory Co.
	HICKS Ruby clk	Los Angeles Directory Co.
	SCOTT Jesse B Carrie mgr Pac & Atlantic Photos h	Los Angeles Directory Co.
1924	Litchfield Wm B watchmkr h	Los Angeles Directory Co.
	HICKS Grace steno r	Los Angeles Directory Co.
	HICKS Gladys clk r	Los Angeles Directory Co.
	Hicks Effie Mrs h	Los Angeles Directory Co.
	Hicks Carrie telep opr r	Los Angeles Directory Co.

### 1505 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SHEPHERD GREGORY	Pacific Bell
1986	SHEPHERD GREGORY	Pacific Bell
1981	SHEPHERD GREGORY	Pacific Telephone
	YOUNG LEWIS V	Pacific Telephone
1962	Talton Albert	Pacific Telephone
	Talton Marie	Pacific Telephone
	Talton Noris	Pacific Telephone
1937	Owsian Thos J Eva F cond	Los Angeles Directory Co.
	Hoffmeister Aldon C pntr	Los Angeles Directory Co.
	Hoffmeister Cecil F truck driver	Los Angeles Directory Co.
1933	WARD Jas T auto mech	Los Angeles Directory Co.
	NEWTON Roger R lather	Los Angeles Directory Co.
1929	PETTES Ralph H clk Ry M S	Los Angeles Directory Co.
1924	Pettes Ralph H clk Ry M S h	Los Angeles Directory Co.

## FINDINGS

### 1300 ½ W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MURPHY ADA	Pacific Bell

### 1119 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	COLWART LOUISE	Pacific Bell

### 1143 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BELL SIDNEY B	Pacific Bell

### 1150 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JACKSON S	Pacific Bell

### 1152 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SMITH STANFORD	Pacific Bell
1981	SMITH STANFORD	Pacific Telephone

### 1157 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SANDERS CHRISTINE	Pacific Bell

### 1159 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WALTON BESSIE	Pacific Bell

### 1205 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	RAMIREZ PATRICIA	Pacific Bell

### 1216 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JOHNSON CLIFFORD	Pacific Bell

### 1224 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ZINNERMAN MARIAN E	Pacific Bell

## FINDINGS

### 1306 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	WILLIAMS CHRISTINE	Pacific Bell

### 1310 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	GLOBE SAVANNAH	Pacific Telephone

### 1312 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	RANDOLPH WM P JR	Pacific Telephone

### 1316 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	WALTON RICHARD	Pacific Bell

### 1318 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WILDER LEO	Pacific Bell

### 1320 1/2 W 57TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MEJIA JUAN JOSE	Pacific Bell

### W 57TH ST

#### 1100 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MAURICIO AGUILAR	Cole Information Services
2009	JULIO MURILLO	Cole Information Services
2006	e MIRRAFATI David	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	JULIO MURILLO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	LYNCH, M	Cole Information Services
1958	Moore Louis	Pacific Telephone
	Moore Mary Ann	Pacific Telephone

#### 1101 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIE SOWELL	Cole Information Services
2009	MARIE SOWELL	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SOWELL Mare	Haines Company, Inc
	a BROWN Mari	Haines Company, Inc
2004	MARIE SOWELL	Cole Information Services
1999	MARIE SOWELL	Cole Information Services
1994	SOWELL, MARIE	Cole Information Services
1976	Sowell Marie	Pacific Telephone
1967	Sowell Marie	Pacific Telephone
1958	Shandrick Paul	Pacific Telephone

### 1102 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JORGE SANCHEZ	Cole Information Services
1999	JORGE SANCHEZ	Cole Information Services
1958	La Fleur Adelene	Pacific Telephone

### 1104 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VICENTE SAAVEDRA	Cole Information Services
2009	CELIA MENDOZA	Cole Information Services
2004	CELIA MENDOZA	Cole Information Services
1999	CELIA MENDOZA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 1105 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS MARTINEZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	FRANCIS Natalie	Haines Company, Inc
2004	NATALIE FRANCIS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1108 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIO GREEN	Cole Information Services
2009	MARIO GREEN	Cole Information Services
2006	WILLIAMSTerry	Haines Company, Inc
1999	MARIO GREEN	Cole Information Services
1967	Kendrick Ronald C	Pacific Telephone

## FINDINGS

### 1109 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BARBARA PARKER	Cole Information Services
2009	BARBARA PARKER	Cole Information Services
2006	a WALKER Barbara	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	BARBARA PARKER	Cole Information Services
1958	Porter Lessie M	Pacific Telephone
	Hearns Clyde	Pacific Telephone

### 1110 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	CRYSTAL BEACHAM	Cole Information Services
2006	SELLERS Lacy	Haines Company, Inc
2004	LERRY STELLER	Cole Information Services
1999	CRYSTAL BEACHAM	Cole Information Services
1976	Miller Lizzie	Pacific Telephone
1967	Parris Curruth Jr	Pacific Telephone
1958	Long Bernice B	Pacific Telephone

### 1112 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CLARA ORELLANA	Cole Information Services
2009	ISMAIN VARGAS	Cole Information Services
2006	MARTINEZ Carolina	Haines Company, Inc
2004	RUBEN GARCIA	Cole Information Services
1999	ISMAIN VARGAS	Cole Information Services
1967	Le Noir Saml	Pacific Telephone
	Le Noir Bernice	Pacific Telephone
1958	ONeal Scott	Pacific Telephone

### 1113 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a RAMILTONJoe	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1976	Williams Willie	Pacific Telephone
1967	Sherrod John P	Pacific Telephone
1958	Ayers Ira W	Pacific Telephone
	White Edwin E	Pacific Telephone

## FINDINGS

### 1114 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VERONICA TRUZ	Cole Information Services
2009	SANTOS ARRIAGA	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	MANUEL GARCIA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	SANTOS ARRIAGA	Cole Information Services
1976	Collins Florence Mrs	Pacific Telephone
1967	Collins Florene Mrs	Pacific Telephone
1958	Collins Florene Mrs	Pacific Telephone

### 1115 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JOE HAMILTON	Cole Information Services
2006	WAREThos	Haines Company, Inc
1999	JOE HAMILTON	Cole Information Services
1994	WARE, THOMAS	Cole Information Services
1976	Ware Thos	Pacific Telephone
1967	Ware Thos	Pacific Telephone
1958	Ware Thos	Pacific Telephone
	Mc Guire Nathaniel	Pacific Telephone

### 1116 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANGEL ROLDAN	Cole Information Services
2009	ERSOLEEN VASQUEZ	Cole Information Services
	SULMA ROLDAN	Cole Information Services
2006	GODINEZAgusfln I	Haines Company, Inc
	a BROOKS Ersoleen	Haines Company, Inc
2004	AGUSTIN GODINEZ	Cole Information Services
1999	SULMA ROLDAN	Cole Information Services
	ERSOLEEN VASQUEZ	Cole Information Services
1967	Jones Patricia J	Pacific Telephone
1958	Manhart B H	Pacific Telephone

### 1117 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARSHA SANDERS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a RIDGEWAY Pr Iscala	Haines Company, Inc
2004	GINA HILL	Cole Information Services
1976	Hill Helen B	Pacific Telephone
1967	Hill Helen B	Pacific Telephone
1958	Powers Frank J	Pacific Telephone

### 1118 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROLDAN IGNACIO	Cole Information Services
2009	ROLDAN IGNACIO	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ROLDAN IGNACIO	Cole Information Services
1967	Drummond Beatrice	Pacific Telephone
1958	Carlson Elin Mrs	Pacific Telephone

### 1119 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANA ARANA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	ANALILIAN ARANA	Cole Information Services
	JULIO MURILLO	Cole Information Services
	MARCELINO MORALES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	KOMLA FORE	Cole Information Services
2006	/ FOREI	Haines Company, Inc
	ARANAAnalllan	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	I FORE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ANALILIAN ARANA	Cole Information Services
	JULIO MURILLO	Cole Information Services
	MARCELINO MORALES	Cole Information Services
	KOMLA FORE	Cole Information Services
1967	Rutledge Thos C	Pacific Telephone
	Davis Marie	Pacific Telephone
1958	Rutledge Thos C	Pacific Telephone



## FINDINGS

### 1120 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIO SALINAS	Cole Information Services
2009	RAFAEL GOMEZ	Cole Information Services
2006	a SALINAS Maro	Haines Company, Inc
2004	MARIO SALINAS	Cole Information Services
1999	RAFAEL GOMEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1976	Lloyd Edw Frazier	Pacific Telephone
1967	Lloyd Edw Frazier	Pacific Telephone
1958	Lloyd Edw Frazier	Pacific Telephone

### 1121 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS ROMERO	Cole Information Services
2009	CARLOS ROMERO	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	PAUL RUIZ	Cole Information Services
1999	CARLOS ROMERO	Cole Information Services

### 1124 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALICIA CRUZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Rizzo Chas L	Pacific Telephone
1967	Rizzo Chas L	Pacific Telephone
1958	Rizzo Chas L	Pacific Telephone

### 1125 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WILLIAM CENTENO	Cole Information Services
2009	VONCILLE WOODARD	Cole Information Services
2006	a WOODARD DOLORLES	Haines Company, Inc
2004	DELORIES WOODARD	Cole Information Services
1999	VONCILLE WOODARD	Cole Information Services
1967	Barboza Abel R	Pacific Telephone

## FINDINGS

### 1128 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RUDOLPH TUCKER	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	SONJA JEFFERSON	Cole Information Services
	ERIK MARTIN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1129 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a GARCIA OndIna	Haines Company, Inc
2004	CESAR GARCIA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Morris Willie Mae Mrs	Pacific Telephone
1967	Morris Willie Mae Mrs	Pacific Telephone
1958	Morris Willie Mae Mrs	Pacific Telephone

### 1130 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	WARREN Zora	Haines Company, Inc
2004	KRIS HUTCHINSON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Gilstrap Glenda M	Pacific Telephone
1958	Jensen Don	Pacific Telephone

### 1132 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OSCAR PEREZ	Cole Information Services
	BARBARA CRISAFULLI	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	TAYLOR Ronnie	Haines Company, Inc
2004	RONNIE TAYLOR	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Taylor Douglas	Pacific Telephone
1967	Taylor Douglas	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Taylor Lillie	Pacific Telephone

### 1133 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NINA HAMPTON	Cole Information Services
2009	NINA HAMPTON	Cole Information Services
2006	HAMPTONNina	Haines Company, Inc
2004	NINA HAMPTON	Cole Information Services
1999	NINA HAMPTON	Cole Information Services
1994	HAMPTON, NINA N	Cole Information Services
1976	Lorenz Martin	Pacific Telephone
1967	Lorenz Martin	Pacific Telephone
1958	Lorenz Martin	Pacific Telephone

### 1136 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DASHONDA WOODS	Cole Information Services
2009	DASHONDA WOODS	Cole Information Services
2006	WOODS Nancy	Haines Company, Inc
2004	NANCY WOODS	Cole Information Services
1999	DASHONDA WOODS	Cole Information Services
1958	Glover David	Pacific Telephone

### 1137 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SANDRA FONSECA	Cole Information Services
2009	DORA ANAYA	Cole Information Services
2006	a BROWN All Ilson	Haines Company, Inc
2004	ALLISON BROWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	DORA ANAYA	Cole Information Services
1967	De Catur Hilda	Pacific Telephone
1958	Coleman Delores	Pacific Telephone
	Coleman Francine	Pacific Telephone

### 1140 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	I MCKINNEY	Cole Information Services
2006	MCKINNEYI	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	I MCKINNEY	Cole Information Services
1999	I MCKINNEY	Cole Information Services
1967	Price Theresa H	Pacific Telephone

### 1141 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN SAUCE	Cole Information Services
	RASHUAN DANIELS	Cole Information Services
	EVELYN LOZANO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	JUAN SAUCE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	LUIS VELASQUEZ	Cole Information Services
	BETTY BROWN	Cole Information Services
	EVELYN LOZANO	Cole Information Services
	MATHAI THURUTHIMATTAM	Cole Information Services
	RASHUAN DANIELS	Cole Information Services
	HENDERSON Mary	Haines Company, Inc
2006	HENDERSON Mary	Haines Company, Inc
	LUIS VELASQUEZ	Cole Information Services
2004	LUIS VELASQUEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	JUAN SAUCE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	LUIS VELASQUEZ	Cole Information Services
	BETTY BROWN	Cole Information Services
	MATHAI THURUTHIMATTAM	Cole Information Services
	RASHUAN DANIELS	Cole Information Services
	EVELYN LOZANO	Cole Information Services
	1976	Fisher Arlivia Mrs
1967	Fisher Arlivia Mrs	Pacific Telephone
	Harrell Eunice	Pacific Telephone
1958	Fisher Wm	Pacific Telephone

### 1143 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE MARES	Cole Information Services
	RICARDO SANCHEZ	Cole Information Services
	JOSE MORALES	Cole Information Services
	GLENDA PINEDA	Cole Information Services
2009	LUIS NOLASCO	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
	RICARDO SANCHEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	MIRIAM RUBIO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	RICARDO SANCHEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	LUIS NOLASCO	Cole Information Services
1976	Bell Sidney B	Pacific Telephone
1967	Bell Sidney B	Pacific Telephone
1958	Williams Chas	Pacific Telephone
	Zilaby Agnes V	Pacific Telephone

### 1144 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DUNIA AMAYA	Cole Information Services
	ROSARIO ORNELA	Cole Information Services
2009	ANHNGUYET NGUYEN	Cole Information Services
	ROSARIO ORNELA	Cole Information Services
	DUNIA AMAYA	Cole Information Services
2006	MARTINEZ Nancy A	Haines Company, Inc
	AMAYADun la	Haines Company, Inc
2004	VICTOR ECHEVERRIA	Cole Information Services
	ANHNGUYET NGUYEN	Cole Information Services
1999	DUNIA AMAYA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	ROSARIO ORNELA	Cole Information Services
	ANHNGUYET NGUYEN	Cole Information Services
1994	PATRICK, AGNES G	Cole Information Services
1976	Lee Malinda L	Pacific Telephone
1967	Lee Malinda L	Pacific Telephone
1958	Parkinson Faye L	Pacific Telephone

### 1145 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBIN GENOVES	Cole Information Services
2009	GERARDO ESCOBAR	Cole Information Services
2006	a ESCOBAR Gerardo B	Haines Company, Inc
2004	GERARDO ESCOBAR	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	GERARDO ESCOBAR	Cole Information Services
1958	Melendez Alfred	Pacific Telephone

### 1146 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	ARABELLA SANCHEZ	Cole Information Services
2009	ALBERTO HERNANDEZ	Cole Information Services
	NIXON GUERRERO	Cole Information Services
	ARABELLA SANCHEZ	Cole Information Services
	GUILLERMO CASTILLO	Cole Information Services
2006	Ve ORNELASRosado	Haines Company, Inc
1999	ARABELLA SANCHEZ	Cole Information Services
	ALBERTO HERNANDEZ	Cole Information Services
	NIXON GUERRERO	Cole Information Services
	GUILLERMO CASTILLO	Cole Information Services
1967	Harrell U A Rev	Pacific Telephone
1958	Crenshaw Nell	Pacific Telephone
	Tetzlaff Marie Mrs	Pacific Telephone

### 1147 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BETH HALE	Cole Information Services
	JOHN CARRILLO	Cole Information Services
	XOCHILT DELGADO	Cole Information Services
2009	XOCHILT DELGADO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	XOCHILT DELGADO	Cole Information Services
1967	Rousseve Lionel	Pacific Telephone
	Darden Leola S	Pacific Telephone
1958	Larribas Connie	Pacific Telephone

### 1149 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WILL REED	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	FRANK TUROSKI	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	REED Wil	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	FRANK TUROSKI	Cole Information Services
1967	Miller Lydia T	Pacific Telephone
	Dyas Venice	Pacific Telephone
1958	Miller Lydia T	Pacific Telephone
	Fisher Anna L	Pacific Telephone
	Fisher Clarence	Pacific Telephone

### 1150 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LOPEZ JOSE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	BATANACatalina	Haines Company, Inc
	LYRA Sco St	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	CATALINA BATANA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Nelson Johanie B	Pacific Telephone
1958	Toledo Luis	Pacific Telephone
	Katz Jos	Pacific Telephone

### 1152 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	GONZALES KARLA	Cole Information Services
2009	JOCELLA HURD	Cole Information Services
2004	JULIO TORRES	Cole Information Services
1999	JOCELLA HURD	Cole Information Services
1976	Prather Norris J	Pacific Telephone
1967	Prather Norris J	Pacific Telephone

### 1153 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LESIA MENSUM	Cole Information Services
2009	LESIA MANGUM	Cole Information Services
2004	LILIAN CRUZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	LESIA MANGUM	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 1154 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GARCIA BRAVO	Cole Information Services
2009	JUVENAL BONILLA	Cole Information Services
	GARCIA BRAVO	Cole Information Services
2006	a MENDOZA Celia	Haines Company, Inc
	SAAVEDRAV	Haines Company, Inc
	BRAVO Etena	Haines Company, Inc
2004	GARCIA BRAVO	Cole Information Services
	MERLI ROBLES	Cole Information Services
	JUVENAL BONILLA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	GARCIA BRAVO	Cole Information Services
	JUVENAL BONILLA	Cole Information Services
1967	Murphy S L Mrs	Pacific Telephone
1958	Padilla Stephen C	Pacific Telephone
	Padilla Suzanne D	Pacific Telephone

### 1155 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ADELINA MEJIA	Cole Information Services
2009	ZITA SUAREZ	Cole Information Services
	ADELINA MEJIA	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	DAWN GENTLE	Cole Information Services
1999	ADELINA MEJIA	Cole Information Services
	ZITA SUAREZ	Cole Information Services
1958	Bailey Carl Eugene Mrs	Pacific Telephone
	Anding E	Pacific Telephone
	Demas Henrietta M	Pacific Telephone

### 1156 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JOSE LOPEZ	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	BULMARO BRAVO	Cole Information Services
1999	JOSE LOPEZ	Cole Information Services
1994	GARCIA, SOFIA B	Cole Information Services
1967	Williams Willie C	Pacific Telephone
1958	Ellsworth C W Mrs	Pacific Telephone

### 1157 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JOHN JEFFERSON	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	JULIO GARCIA	Cole Information Services
	DOUGLAS THOMAS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JOHN JEFFERSON	Cole Information Services
1994	THOMAS, DOUGLAS	Cole Information Services
1976	Moore Jas Jr	Pacific Telephone
1967	Branch Cleo Alex	Pacific Telephone
1958	Shadowens Annie Mae	Pacific Telephone

### 1158 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ARACELI BRAVO	Cole Information Services
2009	SENIORINA NIEVA	Cole Information Services
2006	NIEVASenotina	Haines Company, Inc
2004	ESTEBAN BRAVO	Cole Information Services
1999	SENIORINA NIEVA	Cole Information Services
1967	Patterson Lucille J	Pacific Telephone
1958	Gnich Herbert A	Pacific Telephone

### 1159 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	D RUSSELL	Cole Information Services
2009	JACKIE JOHNSON	Cole Information Services
	LORDEAN PLUMMER	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	JOHNSON Jadde	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	LEE WHITE	Cole Information Services
1999	LORDEAN PLUMMER	Cole Information Services
	JACKIE JOHNSON	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	WALTON, BESSIE	Cole Information Services
1976	Copeland Ester	Pacific Telephone
1967	Williams Mayola	Pacific Telephone
	Copeland Ester	Pacific Telephone
1958	Johnson Roy C Dr	Pacific Telephone

### 1202 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BETTY JACKSON	Cole Information Services
2009	BETTY JACKSON	Cole Information Services
1999	BETTY JACKSON	Cole Information Services

### 1205 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MIGUEL CONTRERAS	Cole Information Services
2009	MARCOS RAMIREZ	Cole Information Services
2006	a RAMIREZMarcos	Haines Company, Inc
	RESENDIZRogaciano	Haines Company, Inc
1999	MARCOS RAMIREZ	Cole Information Services
1976	Johnson Eric P	Pacific Telephone
1958	Lairmore F L	Pacific Telephone

### 1206 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DANIEL ZAMORA	Cole Information Services
	RITA MORALES	Cole Information Services
	JORGE MANSO	Cole Information Services
2009	CAROLINA MONJE	Cole Information Services
	LLOANA FREGOSO	Cole Information Services
	BALISARIO VILLALOBOS	Cole Information Services
	MARIO PEDROSA	Cole Information Services
2006	VILLALOBOS Balisario	Haines Company, Inc
	FREGOSO Uoana	Haines Company, Inc
2004	MARCOS GUTIERREZ	Cole Information Services
	CAROLINA MONJE	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	BALISARIO VILLALOBOS	Cole Information Services
1999	CAROLINA MONJE	Cole Information Services
	BALISARIO VILLALOBOS	Cole Information Services
	LLOANA FREGOSO	Cole Information Services
	MARIO PEDROSA	Cole Information Services
1994	ARGUETA, RICARDO	Cole Information Services
1967	Shepard Laura Mrs	Pacific Telephone
1958	Shepard Laura Mrs	Pacific Telephone

### 1209 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WALTER MOLLINEDO	Cole Information Services
2009	WALTER MOLLINEDO	Cole Information Services
2006	a MOLLINEDO Waeer	Haines Company, Inc
2004	WALTER MOLLINEDO	Cole Information Services
1999	WALTER MOLLINEDO	Cole Information Services
1967	Miller Herman O	Pacific Telephone
1958	Miller Herman O	Pacific Telephone

### 1210 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ADRIANA AGUILAR	Cole Information Services
2009	ADRIANA AGUILAR	Cole Information Services
	ADRIANA SALINAS	Cole Information Services
	VICTOR APARICIO	Cole Information Services
2006	AGUILARAdriana	Haines Company, Inc
2004	CIRILO CALDERON	Cole Information Services
1999	VICTOR APARICIO	Cole Information Services
	ADRIANA SALINAS	Cole Information Services
	ADRIANA AGUILAR	Cole Information Services
1958	Ramos R B Mrs	Pacific Telephone
	Antczak Adela	Pacific Telephone

### 1212 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TERRY MARTIN	Cole Information Services
2009	TERRY MARTIN	Cole Information Services
1999	TERRY MARTIN	Cole Information Services

## FINDINGS

### 1214 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	BRITTNEY JOHNSON	Cole Information Services
	MAXIMILIANO PASCUAL	Cole Information Services
	GLORIA MONTUFAR	Cole Information Services
	TONIE POTTER	Cole Information Services
2006	POTTER Tonie	Haines Company, Inc
2004	TRACY HARRIS	Cole Information Services
	PATRICIA CLARK	Cole Information Services
1999	GLORIA MONTUFAR	Cole Information Services
	TONIE POTTER	Cole Information Services
	BRITTNEY JOHNSON	Cole Information Services
	MAXIMILIANO PASCUAL	Cole Information Services
1967	Brooks Millwea	Pacific Telephone
1958	Aberg Herman C	Pacific Telephone

### 1215 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GAIL YOUNG	Cole Information Services
2009	VERA YOUNG	Cole Information Services
2006	YOUNG Louise	Haines Company, Inc
2004	LOUISE YOUNG	Cole Information Services
1999	VERA YOUNG	Cole Information Services
1967	Smith Clyde R	Pacific Telephone
1958	Smith Clyde R	Pacific Telephone

### 1216 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TRIVA MCCOY	Cole Information Services
	HELENA TURNER	Cole Information Services
2009	TRIVA MCCOY	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	TRIVA MCCOY	Cole Information Services
1994	TAYLOR, ALBERT	Cole Information Services
1967	Byrd Lucy	Pacific Telephone
1958	Seymour Dorothy N	Pacific Telephone
	Goodenough Belle	Pacific Telephone

## FINDINGS

### 1217 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANA GONZALEZ	Cole Information Services
2009	ANA GONZALEZ	Cole Information Services
2006	GONZALEZAna	Haines Company, Inc
2004	VICTOR BOYD	Cole Information Services
1999	ANA GONZALEZ	Cole Information Services
1976	Hill Jojo	Pacific Telephone
1967	Wallington Adolph	Pacific Telephone
1958	Sampson W E	Pacific Telephone
	Johnson Mathew	Pacific Telephone

### 1220 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	BILL ANDERSON	Cole Information Services
2004	B BEATS ENTERTAINMENT	Cole Information Services
	BETTY JACKSON	Cole Information Services
1999	BILL ANDERSON	Cole Information Services
1958	Ramirez Paul Jr	Pacific Telephone

### 1221 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ERICK ROSAS	Cole Information Services
2009	ROBERTO ROSAS	Cole Information Services
2006	a ROSAS Roberto	Haines Company, Inc
2004	ROBERTO ROSAS	Cole Information Services
1999	ROBERTO ROSAS	Cole Information Services
1958	Chairez Adolfo	Pacific Telephone

### 1224 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BLEKAL LEDUFF	Cole Information Services
1994	ZINNERMAN, MARIAN E	Cole Information Services
1976	Zimmerman Marian	Pacific Telephone

### 1225 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FRANCISCO ESTRADA	Cole Information Services
2009	FRANCISCO ESTRADA	Cole Information Services
2006	a ESTRADA Frandsco	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	FRANCISCO ESTRADA	Cole Information Services
1999	FRANCISCO ESTRADA	Cole Information Services
1967	Green N C	Pacific Telephone
1958	Mc Kinney Shirley	Pacific Telephone

### 1227 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RENE CASTILLO	Cole Information Services
2009	SIDRONIO MARTINEZ	Cole Information Services
2006	MARTINEZ Sidronio	Haines Company, Inc
2004	SIDRONIO MARTINEZ	Cole Information Services
1999	SIDRONIO MARTINEZ	Cole Information Services
1994	PEREZ, F	Cole Information Services

### 1228 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2015	NATASHA CASEY	Cole Information Services	
	SAMANTHA GUDIEL	Cole Information Services	
	ALFONSO SANDOVAL	Cole Information Services	
	CHARMENDRA TURNER	Cole Information Services	
	TRACY CURTIS	Cole Information Services	
	NATALI HERRADOR	Cole Information Services	
	EEBONY BROWNE	Cole Information Services	
	ANTONIO MARTINEZ	Cole Information Services	
	MAGDALENA BANUELOS	Cole Information Services	
	GERARDO GARCIA	Cole Information Services	
	KIMBERLY DIAZ	Cole Information Services	
	RONY HERRERA	Cole Information Services	
	2009	BLANCA DIAZ	Cole Information Services
		ANTONIO MARTINEZ	Cole Information Services
		ANTHONY MEGALLON	Cole Information Services
		MAGDALENA BANUELOS	Cole Information Services
JOSE HERNANDEZ		Cole Information Services	
SMITH DEON		Cole Information Services	
DAMARIS ALVARADO		Cole Information Services	
JOSEFINA ALVAREZ		Cole Information Services	
LESLI DELEON	Cole Information Services		
REGINA JACKSON	Cole Information Services		
ADAMS KEVIN	Cole Information Services		

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	EMILY ORTIZ	Cole Information Services
2006	ALVAREZ Josefina	Haines Company, Inc
	BERNAL Gloria	Haines Company, Inc
	CHURN Leonard	Haines Company, Inc
2004	PEDRO ZAMUDIO	Cole Information Services
	R JACKSON	Cole Information Services
	DAVID LOPEZ	Cole Information Services
	TRACY CURTIS	Cole Information Services
	CHARMENDRA TURNER	Cole Information Services
	LISA KENNEDY	Cole Information Services
	GLORIA BERNAL	Cole Information Services
	FRANCISCO ALVARADO	Cole Information Services
1999	MAGDALENA BANUELOS	Cole Information Services
	ADAMS KEVIN	Cole Information Services
	REGINA JACKSON	Cole Information Services
	LESLI DELEON	Cole Information Services
	JOSEFINA ALVAREZ	Cole Information Services
	BLANCA DIAZ	Cole Information Services
	ANTHONY MEGALLON	Cole Information Services
	ANTONIO MARTINEZ	Cole Information Services
	EMILY ORTIZ	Cole Information Services
	JOSE HERNANDEZ	Cole Information Services
	SMITH DEON	Cole Information Services
	DAMARIS ALVARADO	Cole Information Services
1976	Fuqua Lynn	Pacific Telephone
	Hylton R	Pacific Telephone
	Rosby E Maudice	Pacific Telephone
	Sterling Darlene	Pacific Telephone
1967	Pemland Youlanda	Pacific Telephone
	Silverburg Bobbie J	Pacific Telephone
	Wytch Juanita	Pacific Telephone
1958	Wharmby Helen F	Pacific Telephone

### 1229 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	R LOPEZ	Cole Information Services

## FINDINGS

### 1231 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARYANN RUIZ	Cole Information Services

### 1232 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALAN LARKIN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	DEMETRIO RAMIREZ	Cole Information Services
2009	ALAN LARKIN	Cole Information Services
	FELIX RODRIGUEZ	Cole Information Services
	MARIO MORENO	Cole Information Services
	DEMETRIO RAMIREZ	Cole Information Services
2006	RODRIGUEZFelix	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	HERNAN HERNANDEZ	Cole Information Services
	INEZ MOOREHEAD	Cole Information Services
1999	ALAN LARKIN	Cole Information Services
	DEMETRIO RAMIREZ	Cole Information Services
	FELIX RODRIGUEZ	Cole Information Services
	MARIO MORENO	Cole Information Services
1976	Carrell Hannah E	Pacific Telephone
1967	West Jas	Pacific Telephone
	Robinson Shed	Pacific Telephone
1958	Hodson R J	Pacific Telephone

### 1233 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GUILLERMO LOZANO	Cole Information Services
2009	GUILLERMO GRAJEDA	Cole Information Services
2006	GRAJEDAGuillermo a LOZANO Esperanza	Haines Company, Inc Haines Company, Inc
2004	GILBERTO ZAVALA	Cole Information Services
1999	GUILLERMO GRAJEDA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	FERNANDEZ, S	Cole Information Services
1958	Jelink Anna	Pacific Telephone



## FINDINGS

### 1234 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	L HOWARD	Cole Information Services
2009	ANTOINETTE GUILLIAM	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	CONNIE RANKIN	Cole Information Services
1999	ANTOINETTE GUILLIAM	Cole Information Services
1967	Kennedy Jas R	Pacific Telephone
	Edwards Lula Mae	Pacific Telephone
1958	Soria Manuel	Pacific Telephone

### 1236 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	DANNER Louis	Haines Company, Inc
2004	LOUIS DANNER	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Johnson D L	Pacific Telephone
	Johnson Gloria	Pacific Telephone
1967	Mathieu Antoine	Pacific Telephone
1958	Bates Anne E	Pacific Telephone
	Bates Shirley A	Pacific Telephone

### 1237 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ABRAHAM VALDEZ	Cole Information Services
2009	ABRAHAM VALDEZ	Cole Information Services
2006	VALDEZ Abraham	Haines Company, Inc
	a PERDOMOEduardo	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ABRAHAM VALDEZ	Cole Information Services
1976	Matlock Leslie	Pacific Telephone
1967	Matlock Leslie	Pacific Telephone
1958	Mc Gee Henry	Pacific Telephone

### 1243 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARVA MORE	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JAMAL DARBY	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JAMAL DARBY	Cole Information Services
1976	Towner Albert	Pacific Telephone
1958	Carlsson V	Pacific Telephone

### 1244 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE VALLEJO	Cole Information Services
2009	LUIS DELEON	Cole Information Services
2006	VALLEJOJose	Haines Company, Inc
1999	LUIS DELEON	Cole Information Services
1976	Binns Rosetta	Pacific Telephone
1967	Vincent Benj F	Pacific Telephone
1958	Vincent Benj F	Pacific Telephone

### 1245 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN SANABRIA	Cole Information Services
2006	a GUARDADOCaio	Haines Company, Inc
2004	ERDEZ SALES & SERVICES	Cole Information Services
	DONALD MCCOVERY	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Lane Mattie	Pacific Telephone

### 1248 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROYCE CROWDER	Cole Information Services
2009	PATRICIA WILLIAMS	Cole Information Services
2006	WILLIAMS Henry	Haines Company, Inc
2004	HENRY WILLIAMS	Cole Information Services
1999	PATRICIA WILLIAMS	Cole Information Services
1994	WILLIAMS, P T	Cole Information Services
1958	Loser John	Pacific Telephone

### 1250 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDWARD SANDERS	Cole Information Services
2009	EDWARD SANDERS	Cole Information Services
2006	SANDERS Edward	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	EDWARD SANDERS	Cole Information Services
1999	EDWARD SANDERS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Reed Jason	Pacific Telephone
	Reed Rosa Lee	Pacific Telephone
1958	Cohen Albert	Pacific Telephone

### 1251 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA TORRES	Cole Information Services
2009	TOMAS RODRIGUEZ	Cole Information Services
2006	ALOANASL	Haines Company, Inc
2004	MAYNOR ALDANA	Cole Information Services
1999	TOMAS RODRIGUEZ	Cole Information Services
1994	LUCAS, ROSALIE	Cole Information Services
1976	Lucas Rosalie	Pacific Telephone
	Lucas S R	Pacific Telephone
1967	Lucas Minor	Pacific Telephone
1958	Udentins Osvalds	Pacific Telephone

### 1252 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	IRWIN GARCIA	Cole Information Services
	BARBARA VELASQUEZ	Cole Information Services
	LEALAND SIMMONS	Cole Information Services
	ALLEN HAMPTON	Cole Information Services
2009	RILEY WESTBROOKS	Cole Information Services
	JOYCE SANDERS	Cole Information Services
	ALLEN HAMPTON	Cole Information Services
	BARBARA VELASQUEZ	Cole Information Services
	LEALAND SIMMONS	Cole Information Services
	TERRANCE BROWN	Cole Information Services
2006	VELASQUEZ Barbara	Haines Company, Inc
2004	LUCILLE ROBINSON	Cole Information Services
	LEALAND SIMMONS	Cole Information Services
	BARBARA VELASQUEZ	Cole Information Services
	BLAKE SNEAD	Cole Information Services
	MICHAEL THOMAS	Cole Information Services
	RAYNARD DAVIS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JOYCE SANDERS	Cole Information Services
1999	JOYCE SANDERS	Cole Information Services
	RILEY WESTBROOKS	Cole Information Services
	ALLEN HAMPTON	Cole Information Services
	BARBARA VELASQUEZ	Cole Information Services
	LEALAND SIMMONS	Cole Information Services
	TERRANCE BROWN	Cole Information Services
1976	Johnson Valerie	Pacific Telephone
1967	Shanklin Gifford	Pacific Telephone
	Goodson Frederick	Pacific Telephone

### 1253 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANTONIA ALCALA	Cole Information Services
2009	ANTONIA ALCALA	Cole Information Services
2006	ALCALAAnton la Ella	Haines Company, Inc
	VIDALPrisco	Haines Company, Inc
2004	ANTONIA ALCALA	Cole Information Services
1999	ANTONIA ALCALA	Cole Information Services

### 1254 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EARNEST HENDERSON	Cole Information Services
	KERASEA SMITH	Cole Information Services
2009	RUBY HEMPHILL	Cole Information Services
	K RAMONE	Cole Information Services
2006	WRIGHTM	Haines Company, Inc
	HARRIS M	Haines Company, Inc
2004	WILSON SHIRLEY	Cole Information Services
	DESHAW CAMPBELL	Cole Information Services
	RUBY HEMPHILL	Cole Information Services
	MARIE JONES	Cole Information Services
	K RAMONE	Cole Information Services
	M HARRIS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	RUBY HEMPHILL	Cole Information Services
	K RAMONE	Cole Information Services
1976	Jackson Walter	Pacific Telephone
1958	Warren Christina	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Samarel Rebecca	Pacific Telephone
	Raber Hope A Mrs	Pacific Telephone
	Hass Wm	Pacific Telephone

### 1257 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUANA OROSCO	Cole Information Services
2009	F HOWARD	Cole Information Services
2006	a LOGAN James	Haines Company, Inc
	HOWARD F	Haines Company, Inc
2004	F HOWARD	Cole Information Services
1999	F HOWARD	Cole Information Services
1994	LOGAN, CHARLEY	Cole Information Services
1958	Keelin Clara B Mrs	Pacific Telephone

### 1258 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERT CHAVEZ	Cole Information Services
	BRIAN MINTERS	Cole Information Services
2009	NOONIE KAHBOONIE	Cole Information Services
	JUAN CHAVEZ	Cole Information Services
2006	KAHBOONIE Noonei	Haines Company, Inc
2004	NOONIE KAHBOONIE	Cole Information Services
1999	JUAN CHAVEZ	Cole Information Services
	NOONIE KAHBOONIE	Cole Information Services
1958	Fript Edw	Pacific Telephone

### 1261 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ADOLFO RAMIREZ	Cole Information Services
2009	CARLOS ROJAS	Cole Information Services
2006	PEREZAna	Haines Company, Inc
	ROJAS Canis	Haines Company, Inc
2004	RICARDO PEREZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	CARLOS ROJAS	Cole Information Services
1976	Carter Rosa Lee	Pacific Telephone
1967	Carter Rosa Lee	Pacific Telephone

## FINDINGS

### 1262 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PEDRO CARBAJAL	Cole Information Services
2009	PEDRO CARBAJAL	Cole Information Services
2006	PEDRO Carbaal	Haines Company, Inc
2004	CARBAJAL PEDRO	Cole Information Services
	JULIAN CARBAJAL	Cole Information Services
1999	PEDRO CARBAJAL	Cole Information Services
1976	Hardaway Frank	Pacific Telephone
1967	Land Chester L	Pacific Telephone
1958	Escalera Amada V	Pacific Telephone

### 1263 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ANA PEREZ	Cole Information Services
1999	ANA PEREZ	Cole Information Services
1976	Hannibal Cora	Pacific Telephone
1967	Hannibal Cora	Pacific Telephone
1958	Daniels R E	Pacific Telephone

### 1264 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELIZABETH CARBAJAL	Cole Information Services
1967	Askew Betty	Pacific Telephone
1958	Escalera Rodolfo	Pacific Telephone

### 1266 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARVAJAL SILVIA	Cole Information Services
2009	LORENA GONZALEZ	Cole Information Services
2004	PABLO GONZALES	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	LORENA GONZALEZ	Cole Information Services

### 1268 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRENDA SOTO	Cole Information Services
2009	SILVIA CARBAJAL	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	ELSA MARTINEZ	Cole Information Services
1999	SILVIA CARBAJAL	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Goodson Frederick	Pacific Telephone
1967	Allen Jerri C	Pacific Telephone
1958	Boissiere Norman A Mrs	Pacific Telephone

### 1300 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NORRIS MCKANEY	Cole Information Services
	MICHELLE ALVAREZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	HECTOR FAIRWEATHER	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	HORTON, RAY	Cole Information Services
	MURPHY, ADA	Cole Information Services
1967	Martinez Edwardo	Pacific Telephone
1958	Graham Clay M	Pacific Telephone

### 1302 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WILLIE GAULTNEY	Cole Information Services
2009	WILLIE GAULTNEY	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	WILLIE GAULTNEY	Cole Information Services
1967	Lopez Blas R	Pacific Telephone
1958	Lopez Blas R	Pacific Telephone

### 1304 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	SADIE JENKINS	Cole Information Services
	SHARON ANNETTE	Cole Information Services
	SHARON DUVALL	Cole Information Services
2009	CHARLES RANDALL	Cole Information Services
	SADIE JENKINS	Cole Information Services
	SHARON ANNETTE	Cole Information Services
2004	RODNEY JENKINS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	JOSE CAMPOS	Cole Information Services
	CHARLES RANDALL	Cole Information Services
	SHARON ANNETTE	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	SADIE JENKINS	Cole Information Services
1958	Stanley Chas C	Pacific Telephone
	Mills Lula C	Pacific Telephone

### 1305 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GLORIA GARCIA	Cole Information Services
	MAGDALENA MAYORGA	Cole Information Services
	NATALIE OCHOA	Cole Information Services
	JIMMY JUAREZ	Cole Information Services
2009	GLORIA GARCIA	Cole Information Services
	CLAUDIA INIGUEZ	Cole Information Services
	HERSON JUAREZ	Cole Information Services
	MAGDALENA MAYORGA	Cole Information Services
2006	a INIGUEZ Claudia	Haines Company, Inc
2004	FERNANDO LOPEZ	Cole Information Services
1999	HERSON JUAREZ	Cole Information Services
	CLAUDIA INIGUEZ	Cole Information Services
	MAGDALENA MAYORGA	Cole Information Services
	GLORIA GARCIA	Cole Information Services
1958	Torok Michael	Pacific Telephone

### 1306 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MICHAEL JOHNSON	Cole Information Services
2006	o LEWISSamuel	Haines Company, Inc
2004	SAMUEL LEWIS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	SMITH, SAMMIE L	Cole Information Services
1976	Moore Sterling	Pacific Telephone
1967	Johnson Versie	Pacific Telephone
	Johnson Wm H	Pacific Telephone
1958	Garey Thos	Pacific Telephone

### 1307 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OTTO GARCIA	Cole Information Services
	LOUIS MARGARITO	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	LAKISHA MENDEZ	Cole Information Services
2004	JACINTO CRUZ	Cole Information Services
	ROLANDO PENALOZA	Cole Information Services
	LAKISHA MENDEZ	Cole Information Services
1999	OTTO GARCIA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	LOUIS MARGARITO	Cole Information Services
	LAKISHA MENDEZ	Cole Information Services
1976	Collins Ola M	Pacific Telephone
1958	Faludi Chas	Pacific Telephone

### 1308 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	KAMRYN BROWN	Cole Information Services
	DON WILLIAMS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	KAMRYN BROWN	Cole Information Services
2006	Cecelia	Haines Company, Inc
	BLANKERSHIP	Haines Company, Inc
2004	TAMISHIA PICKETT	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	KAMRYN BROWN	Cole Information Services
1994	WASHINGTON, ALBERTA	Cole Information Services
1976	Johnson Dorothy	Pacific Telephone
1958	Takier Virginia	Pacific Telephone

### 1309 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JANICE HUBBARD	Cole Information Services
2009	GILBERT RICHARDS	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	LEWIS COOK	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	GILBERT RICHARDS	Cole Information Services
1976	Cotton Sammy	Pacific Telephone
1967	Juhasz Alex	Pacific Telephone
1958	Juhasz Alex	Pacific Telephone

## FINDINGS

### 1310 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	MARIA GUTIERREZ	Cole Information Services
	MARCELINO DELACRUZ	Cole Information Services
2009	UZIEL MENDEZ	Cole Information Services
	CELIA GARZA	Cole Information Services
	JOSE BOLANOS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	GARZA Celia Dc	Haines Company, Inc
	BOLANOS Jose	Haines Company, Inc
2004	GABRIEL SANCHEZ	Cole Information Services
	JOSE BOLANOS	Cole Information Services
1999	UZIEL MENDEZ	Cole Information Services
	CELIA GARZA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	JOSE BOLANOS	Cole Information Services
1976	Globe Savannah	Pacific Telephone
1967	Richardson Elmira	Pacific Telephone
1958	Valci Richard G	Pacific Telephone
	Clark Geo E	Pacific Telephone

### 1312 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	MARIA PEREZ	Cole Information Services
	HENRY HERRERA	Cole Information Services
	OSCAR HERRERA	Cole Information Services
	M MEDINA	Cole Information Services
2009	ANA HERRERA	Cole Information Services
	MARIA PEREZ	Cole Information Services
	M MEDINA	Cole Information Services
	OSCAR HERRERA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	o HERRERAAna	Haines Company, Inc
2004	MOISES SALAZAR	Cole Information Services
1999	OSCAR HERRERA	Cole Information Services
	MARIA PEREZ	Cole Information Services
	M MEDINA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	ANA HERRERA	Cole Information Services
1967	Mobley Leonard	Pacific Telephone
1958	Scott Ward L	Pacific Telephone

### 1314 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	JIMENEZ YESSICA	Cole Information Services
	JIMENEZ HINOJOSA	Cole Information Services
	JAMES HERNANDEZ	Cole Information Services
2009	JIMENEZ HINOJOSA	Cole Information Services
	EDUARDO JIMENEZ	Cole Information Services
	CRUZ COLIN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	ANA CASTRO	Cole Information Services
	MARCO SOLIS	Cole Information Services
2006	HInojosa	Haines Company, Inc
	o JIMENEZBelen	Haines Company, Inc
2004	CRUZ COLIN	Cole Information Services
	JIMENEZ HINOJOSA	Cole Information Services
	BELEN JIMENEZ	Cole Information Services
1999	CRUZ COLIN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	EDUARDO JIMENEZ	Cole Information Services
	JIMENEZ HINOJOSA	Cole Information Services
	MARCO SOLIS	Cole Information Services
	ANA CASTRO	Cole Information Services
1976	Williams Olivia	Pacific Telephone
	Jenkins Maybell	Pacific Telephone
1958	Fowler Warren M Mrs	Pacific Telephone
	Hogan Huey	Pacific Telephone

### 1315 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA ORELLANA	Cole Information Services
2009	PEDRO GRIJALVA	Cole Information Services
2006	Humberto	Haines Company, Inc
	VILLA UEVA	Haines Company, Inc
2004	NORELL LEWIS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	PEDRO GRIJALVA	Cole Information Services
1958	Mizrahi Ralph	Pacific Telephone

### 1316 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ESPERANZA JIMENEZ	Cole Information Services
	SILVIA ANDRADE	Cole Information Services
2009	SILVIA ANDRADE	Cole Information Services
	ESPERANZA JIMENEZ	Cole Information Services
2004	MARIA JIMENEZ	Cole Information Services
1999	ESPERANZA JIMENEZ	Cole Information Services
	SILVIA ANDRADE	Cole Information Services
1967	Miller Jos H	Pacific Telephone
1958	Muck Alberta	Pacific Telephone

### 1317 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DARRYL JOHNSON	Cole Information Services
2009	MARIE NELSON	Cole Information Services
	JEFFERY MURPHY	Cole Information Services
2006	a JOHNSON Darryl	Haines Company, Inc
	FURNACE Oze Lea	Haines Company, Inc
2004	OZIE FURNACE	Cole Information Services
1999	MARIE NELSON	Cole Information Services
	JEFFERY MURPHY	Cole Information Services
1958	Furnace Ozie	Pacific Telephone
	Furnace Mary	Pacific Telephone

### 1318 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	KATT WILLIAMS	Cole Information Services
2009	NAISY VASQUEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	BERTA GONZALEZ	Cole Information Services
	ANTONIO CABRERA	Cole Information Services
	JUAN ABA	Cole Information Services
2006	/a PORRAS Elvira	Haines Company, Inc
2004	MARCO OROZCO	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	JUAN ABA	Cole Information Services
	ANTONIO CABRERA	Cole Information Services
	BERTA GONZALEZ	Cole Information Services
	NAISY VASQUEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	WILDER, LEO	Cole Information Services
1967	Bailey Willie E	Pacific Telephone
1958	Matlick J W	Pacific Telephone

### 1320 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PRUDENCIA CHAVEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	LETICIA CRUZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
	LETICIA CRUZ	Cole Information Services
1967	Whitney Larry C	Pacific Telephone

### 1321 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARGIE ADGER	Cole Information Services
2009	FRANK ADGER	Cole Information Services
2006	ADGER Margie	Haines Company, Inc
2004	FRANK ADGER	Cole Information Services
1999	FRANK ADGER	Cole Information Services
1958	Jones Minnette Mrs	Pacific Telephone

### 1324 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RHONA PARKS	Cole Information Services
	BLANCA DECARRANZA	Cole Information Services
	MARGARITA ANDRADE	Cole Information Services
	PATRICIA GUERRERO	Cole Information Services
	CHIDIEBERE UGWUOZOR	Cole Information Services
	PHYLLIS WHITT	Cole Information Services
	MILLENIU PLUS RECORDS	Cole Information Services
	HARRIET ANDERSON	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDDY CRUZ	Cole Information Services
	ARMSTEAD MELODY	Cole Information Services
	TOMANISHA MOORE	Cole Information Services
	MICHELLE TAYLOR	Cole Information Services
	KIARA ROJAS	Cole Information Services
	DEBRA JOHNSON	Cole Information Services
2009	ARMSTEAD MELODY	Cole Information Services
	VERNA CAVITT	Cole Information Services
	MARCY VILLANUEVA	Cole Information Services
	NECOLE DOWNING	Cole Information Services
	SANDEE SMITH	Cole Information Services
	JOSHUA JONES	Cole Information Services
	MATTHEWS PATRICIA	Cole Information Services
	CHERYL BATTESTE	Cole Information Services
	BAWANA ROBERTS	Cole Information Services
	DEBRA JOHNSON	Cole Information Services
	DIANA MONROE	Cole Information Services
	ALFRED BOYD	Cole Information Services
	DAVID KARNS	Cole Information Services
	MARK LEWIS	Cole Information Services
	LATANA WILLIAMS	Cole Information Services
PAMELA THOMPSON	Cole Information Services	
2006	RODRIGUEZ Jose M	Haines Company, Inc
	APARTMENTS	Haines Company, Inc
	BATTESTE Cheryl	Haines Company, Inc
	CALHOUN Faye	Haines Company, Inc
	LEON Cesar	Haines Company, Inc
	MILLENIUM PLUS	Haines Company, Inc
	RECORDS	Haines Company, Inc
	ROBINSON Ruth	Haines Company, Inc
2004	BPIT SALON WHOLESALERS	Cole Information Services
	DEBRA MERRICK	Cole Information Services
	TERRY TAYLOR	Cole Information Services
	RUBY GRIFFIN	Cole Information Services
	QUINESE GARDNER	Cole Information Services
	JOAN CONRAD	Cole Information Services
	SHIRLEY STEVENSON	Cole Information Services
	PATRCIA DESPENZA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JANICE BIGGERS	Cole Information Services
	LAUREN GARDENER	Cole Information Services
	JOSHUA JONES	Cole Information Services
	JERI MOORE	Cole Information Services
1999	VERNA CAVITT	Cole Information Services
	DAVID KARNS	Cole Information Services
	MARK LEWIS	Cole Information Services
	ARMSTEAD MELODY	Cole Information Services
	MARCY VILLANUEVA	Cole Information Services
	PAMELA THOMPSON	Cole Information Services
	NECOLE DOWNING	Cole Information Services
	SANDEE SMITH	Cole Information Services
	JOSHUA JONES	Cole Information Services
	MATTHEWS PATRICIA	Cole Information Services
	CHERYL BATTESTE	Cole Information Services
	BAWANA ROBERTS	Cole Information Services
	DEBRA JOHNSON	Cole Information Services
	JOSE CARDENAS	Cole Information Services
	DIANA MONROE	Cole Information Services
ALFRED BOYD	Cole Information Services	
LATANA WILLIAMS	Cole Information Services	
1994	WILBURN, N	Cole Information Services
	CANADA, STEPHEN	Cole Information Services
1976	Walker Sheila	Pacific Telephone
	Whitney Larry C	Pacific Telephone
	Simien Vincent	Pacific Telephone
	Moore Nicole V	Pacific Telephone
1967	Wright Roosevelt	Pacific Telephone
	West A	Pacific Telephone
	Schenk Geraldine	Pacific Telephone
	Rucker Felix	Pacific Telephone
	McCurry Arthur L	Pacific Telephone
	Hopkins Alicia M	Pacific Telephone
	Burns Karen	Pacific Telephone
	Burns Karen	Pacific Telephone
Brodie Lajoe R	Pacific Telephone	
1958	Stein Fred	Pacific Telephone

## FINDINGS

### 1325 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROLANDO GUZMAN	Cole Information Services
2009	ROLANDO GUZMAN	Cole Information Services
2006	a GUZMAN Rolando	Haines Company, Inc
2004	ROLANDO GUZMAN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ROLANDO GUZMAN	Cole Information Services
1958	Portillo Joe Arthur	Pacific Telephone

### 1329 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JENNYFFER PORTILLO	Cole Information Services
2009	JOSE HUEZO	Cole Information Services
2006	a ROGERS Brenda	Haines Company, Inc
2004	ADDIE JONES	Cole Information Services
1999	JOSE HUEZO	Cole Information Services
1958	Jones Herman C	Pacific Telephone

### 1330 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CHRISTOPHER HENRY	Cole Information Services
	EURIDYCE DAVIS	Cole Information Services
	CHANITA STOOT	Cole Information Services
	MIKEL CLARK	Cole Information Services
	CHERYL PERKINS	Cole Information Services
	JOVANNY FUENTES	Cole Information Services
2009	STEVEN SUN	Cole Information Services
	ALMA MARTINEZ	Cole Information Services
	JOVANNY FUENTES	Cole Information Services
	THIRA TE	Cole Information Services
	STEPHANIE BRIGGS	Cole Information Services
2006	JONES Carda	Haines Company, Inc
2004	DELOIS JOHNSON	Cole Information Services
	GLORIA SEGOVIA	Cole Information Services
	MARIA GONZALEZ	Cole Information Services
	STEVEN SUN	Cole Information Services
	JUAN RODRIGUEZ	Cole Information Services
1999	STEVEN SUN	Cole Information Services
	ALMA MARTINEZ	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	THIRA TE	Cole Information Services
	JOVANNY FUENTES	Cole Information Services
	STEPHANIE BRIGGS	Cole Information Services
1994	LARSON DRM CONSTRUCTION	Cole Information Services
	TE, THIRA	Cole Information Services
	SUN, STEVEN	Cole Information Services
	SALGUERO, ISABEL	Cole Information Services
1967	Petteway J A	Pacific Telephone
1958	Petteway J A	Pacific Telephone

### 1332 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1333 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANTONIO REVELES	Cole Information Services
2009	ANTONIO REVELES	Cole Information Services
2006	a LOMBERAEdo	Haines Company, Inc
	REVELES Anlonio	Haines Company, Inc
2004	ANTONIO REVELES	Cole Information Services
1999	ANTONIO REVELES	Cole Information Services
1967	Lowe Sam	Pacific Telephone
1958	Lomeli Maria	Pacific Telephone

### 1337 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MATIAS GARCIA	Cole Information Services
2009	WINNIE SANDERS	Cole Information Services
2004	WINNIE SANDERS	Cole Information Services
1999	WINNIE SANDERS	Cole Information Services
1958	Jordan Robt K	Pacific Telephone

### 1338 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TERESA GREEN	Cole Information Services
	JUAN REYES	Cole Information Services
	MICHELE MOODY	Cole Information Services
	VERONICA CISNEROS	Cole Information Services
	JACQUELINE GOVEA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ERIKS GARCIA	Cole Information Services
	NOE ESTRADA	Cole Information Services
	JUAN BUENROSTRO	Cole Information Services
	ROLANDO PENALOZA	Cole Information Services
	JEANNETTE ROMERO	Cole Information Services
	JOSEPH HEFFESEE	Cole Information Services
2009	TIFFANY SOWELL	Cole Information Services
	GUILUPI HOLUIN	Cole Information Services
	DENISE HERNANDEZ	Cole Information Services
	GWENDOLYN BROWN	Cole Information Services
	NICO SAAVERDA	Cole Information Services
	MARICELA CUMPLIDO	Cole Information Services
	LUCIA GONZALEZ	Cole Information Services
	RUPERTO ROSALEZ	Cole Information Services
	PHYLLIS HUNTER	Cole Information Services
	EVELIN DELEON	Cole Information Services
	AUREA GARCIA	Cole Information Services
	VERONICA CISNEROS	Cole Information Services
	IRIS JUAREZ	Cole Information Services
	MYRA EDWARDS	Cole Information Services
	ANA RAMIREZ	Cole Information Services
MIGUEL AGUIRRE	Cole Information Services	
JOSEPH HEFFESEE	Cole Information Services	
MARICELA SANCHEZ	Cole Information Services	
2006	HOLUINGu Ilup	Haines Company, Inc
	SMVERDA Nico	Haines Company, Inc
	ELIZANDO Esther HERNANDEZ Denise	Haines Company, Inc
2004	TYESHA TUCKER	Cole Information Services
	JUAN BUENROSTRO	Cole Information Services
	SANTOS JACOBO	Cole Information Services
	NICO SAAVERDA	Cole Information Services
	F ADAMS	Cole Information Services
	GWENDOLYN BROWN	Cole Information Services
	CHARLESS EDWARDS	Cole Information Services
	LAKISHA DULIN	Cole Information Services
	GEORGE BROWN	Cole Information Services
	DAVID WYATT	Cole Information Services
IRMA LOPEZ	Cole Information Services	

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	ELIZABETH RIDLEY	Cole Information Services
	KATHERINE ALEXANDER	Cole Information Services
	JACKIE GEYTON	Cole Information Services
	HELEN BANKS	Cole Information Services
	JOHNNIE SAAVEDRA	Cole Information Services
	JOSE VASQUEZ	Cole Information Services
1999	VERONICA CISNEROS	Cole Information Services
	AUREA GARCIA	Cole Information Services
	EVELIN DELEON	Cole Information Services
	PHYLLIS HUNTER	Cole Information Services
	RUPERTO ROSALEZ	Cole Information Services
	LUCIA GONZALEZ	Cole Information Services
	MARICELA CUMPLIDO	Cole Information Services
	NICO SAAVERDA	Cole Information Services
	GWENDOLYN BROWN	Cole Information Services
	DENISE HERNANDEZ	Cole Information Services
	GUILUPI HOLUIN	Cole Information Services
	MARICELA SANCHEZ	Cole Information Services
	IRIS JUAREZ	Cole Information Services
	MYRA EDWARDS	Cole Information Services
	ANA RAMIREZ	Cole Information Services
MIGUEL AGUIRRE	Cole Information Services	
JOSEPH HEFFESE	Cole Information Services	
TIFFANY SOWELL	Cole Information Services	
1976	Black Lillie M	Pacific Telephone
	Gipson Vanessa	Pacific Telephone
1967	Willis Verdia	Pacific Telephone
	Siganter Earl	Pacific Telephone
	Rorie Rose	Pacific Telephone
	Norfolk Pearl	Pacific Telephone
	McNeil Rose Anna	Pacific Telephone
	McNeil Boyd	Pacific Telephone
	Lewis Rebecca	Pacific Telephone
	La Count Rosella	Pacific Telephone
	Jones Fines Jr	Pacific Telephone
	Howard Pearl E	Pacific Telephone
Howard Herbert	Pacific Telephone	
Buchanan Betty	Pacific Telephone	

## FINDINGS

### 1339 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MICAELA MEZA	Cole Information Services
2004	REOLA LOYD	Cole Information Services
1967	Redmon Arvin	Pacific Telephone

### 1340 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2015	ROSA MONTENEGRO	Cole Information Services	
	DANIEL GARCIA	Cole Information Services	
	MANUEL BANEGAS	Cole Information Services	
	GLENDA HERNANDEZ	Cole Information Services	
	LUIS BERRIOS	Cole Information Services	
	CECILIA ALCO CER	Cole Information Services	
	KATHERINE CUBAS	Cole Information Services	
	CHARLES CARR	Cole Information Services	
	2009	JULIO RIVAS	Cole Information Services
		MARIA PENA	Cole Information Services
		ETHEL MAXIE	Cole Information Services
		JUAN HERNANDEZ	Cole Information Services
		ZULEMA GUZMAN	Cole Information Services
C PHILLIPS		Cole Information Services	
JOAQUIN ORTIZ		Cole Information Services	
V FLORENTINO		Cole Information Services	
CECILIA ALCO CER		Cole Information Services	
AMADO CORDERO		Cole Information Services	
TOMMY DAVIS		Cole Information Services	
SCOTT PRICE		Cole Information Services	
MARTINA GARCIA		Cole Information Services	
FABIOLA GARCIA	Cole Information Services		
RAQUEL HERNANDEZ	Cole Information Services		
2006	PORTER Francln	Haines Company, Inc	
	IRBY Michael MENDOZA Pablo	Haines Company, Inc	
	a ANLEU Miguel HERNANDEZ Raquel	Haines Company, Inc	
2004	PAMELA BULLARD	Cole Information Services	
	MICHELLE RAMIREZ	Cole Information Services	
	Z FIGUEROA	Cole Information Services	
	FRANCINE PORTER	Cole Information Services	
	MELVIN HERBERT	Cole Information Services	
	MARIBEL SUAREZ	Cole Information Services	

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	YOLANDA MCGRUDER	Cole Information Services
	GREGORIO NARANJO	Cole Information Services
	JUAN FIGUEROA	Cole Information Services
	CURTIS GIBSON	Cole Information Services
	JUAN HERRERA	Cole Information Services
	ETHEL MAXIE	Cole Information Services
	MARIA PENA	Cole Information Services
	MARGARITA ORNELAS	Cole Information Services
	ANDREA STEELE	Cole Information Services
	ISMEL MARMOLEJO	Cole Information Services
	DAVID MANRIQUEZ	Cole Information Services
	KEVIN NAVARRO	Cole Information Services
	RAQUEL HERNANDEZ	Cole Information Services
	DINORA ACOSTA	Cole Information Services
REYMUNDO HUERTA	Cole Information Services	
1999	PAULINE DUPUY	Cole Information Services
	FABIOLA GARCIA	Cole Information Services
	RAQUEL HERNANDEZ	Cole Information Services
	SCOTT PRICE	Cole Information Services
	TOMMY DAVIS	Cole Information Services
	AMADO CORDERO	Cole Information Services
	CECILIA ALCOCER	Cole Information Services
	V FLORENTINO	Cole Information Services
	JOAQUIN ORTIZ	Cole Information Services
	C PHILLIPS	Cole Information Services
	ZULEMA GUZMAN	Cole Information Services
	JUAN HERNANDEZ	Cole Information Services
	ETHEL MAXIE	Cole Information Services
	MARIA PENA	Cole Information Services
JULIO RIVAS	Cole Information Services	
MARTINA GARCIA	Cole Information Services	
1994	HERMANSON, R V	Cole Information Services
1976	Claiborne Sylvester	Pacific Telephone
	Clark Annie	Pacific Telephone
	Younger Angelyn	Pacific Telephone
1967	Howard O L	Pacific Telephone
	Jones Bessie H	Pacific Telephone
	McCleary Helen L	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Meeks Joe C	Pacific Telephone
	Morris Carol C	Pacific Telephone
	Sanders Randle W	Pacific Telephone

### 1341 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DAISY SOLIS	Cole Information Services
2009	RICARDO SOLIS	Cole Information Services
2006	SOLISRicardo	Haines Company, Inc
2004	RICARDO SOLIS	Cole Information Services
1999	RICARDO SOLIS	Cole Information Services
1994	RAMIREZ, HECTOR G	Cole Information Services
1958	Churchwell Robt C	Pacific Telephone

### 1345 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PEDRO SANDOVAL	Cole Information Services
2009	MARIA SOSA	Cole Information Services
2006	a CRUZLorenza	Haines Company, Inc
2004	GERALDO RUBIO	Cole Information Services
1999	MARIA SOSA	Cole Information Services
1994	DELACRUZ, GERALDO	Cole Information Services
	HERNANDEZ, WALTER	Cole Information Services
1958	Martin Jay P	Pacific Telephone

### 1346 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GEORGE ANDERSON	Cole Information Services
	BRANDI SMITH	Cole Information Services
2009	HUYEN LEPHAM	Cole Information Services
	GEORGE ANDERSON	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	ANTONNY MOLELL	Cole Information Services
	CRYSTAL LEE	Cole Information Services
1999	HUYEN LEPHAM	Cole Information Services
	GEORGE ANDERSON	Cole Information Services
1976	Wright Clara Mae	Pacific Telephone
	Vivian Bernice Mrs	Pacific Telephone
1967	Massey Mildred	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Massey Willie	Pacific Telephone
1958	Zimprich Frank	Pacific Telephone
	Zimprich Emil	Pacific Telephone

### 1348 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SANDRA MOLETT	Cole Information Services
2009	B JONES	Cole Information Services
	ALVINA MCCLEAN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	SANDRA MOLETT	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	B JONES	Cole Information Services
	ALVINA MCCLEAN	Cole Information Services
1976	Calvin Randy L	Pacific Telephone
1967	Washington Willard	Pacific Telephone
1958	Deuel Lola	Pacific Telephone
	Bellows Ella A	Pacific Telephone

### 1349 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARTINA AGUILAR	Cole Information Services
2009	MARTINA AGUILAR	Cole Information Services
2006	a HERRERANeros	Haines Company, Inc
2004	ELVIA VILLANUEVA	Cole Information Services
1999	MARTINA AGUILAR	Cole Information Services
1967	Bassett Junious	Pacific Telephone
1958	Bassett Junious	Pacific Telephone

### 1350 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
	THEOPOLIS HAILES	Cole Information Services
2004	THEOPOLIS HAILES	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	THEOPOLIS HAILES	Cole Information Services
1976	Jackson Helen	Pacific Telephone
1958	Rosso Vingenizo	Pacific Telephone

## FINDINGS

### 1353 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LEON CASTELANOS	Cole Information Services
2009	LILIAN OTERO	Cole Information Services
2006	MAGDALENO Juan s LOPEZJoilo	Haines Company, Inc Haines Company, Inc
2004	JUAN MAGDALENO	Cole Information Services
1999	LILIAN OTERO	Cole Information Services
1967	Bartlam T C	Pacific Telephone
1958	Bartlam T C	Pacific Telephone

### 1357 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JR TRESEVANT	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	CANDELARIO Ramon	Haines Company, Inc
2004	VERONICA PINEDA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Nyquist Mildred	Pacific Telephone
1958	Nyquist Edith	Pacific Telephone

### 1361 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RUBEN GONZALEZ	Cole Information Services
2009	RUBEN GONZALEZ	Cole Information Services
2006	a GONZALEZ Gladys a GONZALEZ Gladys INSAUSTE Javler	Haines Company, Inc Haines Company, Inc
2004	RUBEN GONZALEZ	Cole Information Services
1999	RUBEN GONZALEZ	Cole Information Services
1976	Nickson Everlena Nickson Lamb	Pacific Telephone Pacific Telephone
1967	Nickson Everlena Nickson Lamb	Pacific Telephone Pacific Telephone
1958	Weaver Alfrieda Mrs	Pacific Telephone

### 1411 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LATANYA GORDON	Cole Information Services
2009	HENRY EMMANUEL	Cole Information Services
2006	No Current Listing	Haines Company, Inc



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	ANNETT EMMANUEL	Cole Information Services
1999	HENRY EMMANUEL	Cole Information Services
1994	THOMAS, MABLE	Cole Information Services

### 1414 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE ALARCON	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a CHAVEZCristna	Haines Company, Inc
2004	CRISTINA CHAVEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Bynum Olivia	Pacific Telephone
1958	Bynum Olivia	Pacific Telephone

### 1415 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JANEL BONNER	Cole Information Services
1999	JANEL BONNER	Cole Information Services

### 1416 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CRISTINA CHAVEZ	Cole Information Services
2009	CRISTINA CHAVEZ	Cole Information Services
2006	Carmen CHAVEZ Josefa Del	Haines Company, Inc Haines Company, Inc
2004	F ALARCON	Cole Information Services
1999	CRISTINA CHAVEZ	Cole Information Services
1976	Tuth Georgia	Pacific Telephone
1967	Tutt Henry	Pacific Telephone
1958	Tutt Henry	Pacific Telephone

### 1417 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CASSANDRA BRINSON	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1967	Lavender David	Pacific Telephone
1958	Lavender David	Pacific Telephone

## FINDINGS

### 1420 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JEROME JACKSON	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	WASELL GRISSOM	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JEROME JACKSON	Cole Information Services
1967	Robinson Mildred L	Pacific Telephone
1958	Robinson Mildred L	Pacific Telephone

### 1421 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDGARD ZUNIGA	Cole Information Services
2009	EDGARD ZUNIGA	Cole Information Services
2006	a ZUNIGA Edgard	Haines Company, Inc
2004	EDGARD ZUNIGA	Cole Information Services
1999	EDGARD ZUNIGA	Cole Information Services
1967	Payne June	Pacific Telephone
1958	Halliburton Emma	Pacific Telephone

### 1424 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HENRY WALLACE	Cole Information Services
2009	HENRY WALLACE	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	GLORIA WALLACE	Cole Information Services
1999	HENRY WALLACE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 1425 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE MARTINEZ	Cole Information Services
2009	JOSE MARTINEZ	Cole Information Services
2006	MARTINEZ Jose	Haines Company, Inc
2004	JOSE MARTINEZ	Cole Information Services
1999	JOSE MARTINEZ	Cole Information Services
1994	ALEXANDER, CURTIS	Cole Information Services
1976	Alexander Jean E	Pacific Telephone
1967	Alexander Curtis	Pacific Telephone

## FINDINGS

### 1428 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DOROTHY SHULER	Cole Information Services
2009	DOROTHY SHULER	Cole Information Services
2006	SHULER Dorothy	Haines Company, Inc
2004	DOROTHY SHULER	Cole Information Services
1999	DOROTHY SHULER	Cole Information Services
1994	SHULER, DOROTHY	Cole Information Services
1976	Stokes Virgil	Pacific Telephone
1967	Stokes Virgil	Pacific Telephone
1958	Stokes Virgil	Pacific Telephone

### 1429 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WILSON RODRIGUEZ	Cole Information Services
2006	o HERNANDEZ Oriando	Haines Company, Inc
1994	RODRIGUEZ, S	Cole Information Services

### 1430 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SUEMAIYA MUBARAK	Cole Information Services
2009	FLUE WEDLOW	Cole Information Services
2006	WEDLOW Flue Ellen	Haines Company, Inc
	KHALILALLAH Riza	Haines Company, Inc
2004	FLUE WEDLOW	Cole Information Services
1999	FLUE WEDLOW	Cole Information Services
1994	WEDLOW, FLUE E	Cole Information Services

### 1431 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	BAUDELIA NEGRETE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1432 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GEORGE CALCOTE	Cole Information Services
2009	GREGORIO GABRIEL	Cole Information Services
2006	a CRAWFORD Ella	Haines Company, Inc
2004	ELLA CREWFORD	Cole Information Services
1999	GREGORIO GABRIEL	Cole Information Services
1967	Baldwin Dorsey	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Baldwin Gail	Pacific Telephone
1958	Gradney O M	Pacific Telephone
	Sutton Jas F Jr	Pacific Telephone

### 1433 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JULIO MORAN	Cole Information Services
2009	JULIO MORAN	Cole Information Services
2006	MORAN Julio	Haines Company, Inc
2004	JULIO MORAN	Cole Information Services
1999	JULIO MORAN	Cole Information Services

### 1436 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	MARTHA MITCHELL	Cole Information Services
2006	&MITCHELL Madha	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	MARTHA MITCHELL	Cole Information Services
1976	Mitchell Stenola Y	Pacific Telephone
1958	Mitchell Eddie	Pacific Telephone

### 1437 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LATANYA HINTON	Cole Information Services
2009	VIRGINIA HINTON	Cole Information Services
2006	a HINTON Virgin Ia	Haines Company, Inc
2004	DONIE KING	Cole Information Services
1999	VIRGINIA HINTON	Cole Information Services
1994	KING, HELEN M	Cole Information Services
1976	King Esaw	Pacific Telephone
	King Helen	Pacific Telephone
1967	Saulsberry O L	Pacific Telephone
1958	Bivens Daisy	Pacific Telephone

### 1438 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	MORRIS, HENRY	Cole Information Services

## FINDINGS

### 1440 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HAROLD DORSEY	Cole Information Services
2009	SUSIE DORSEY	Cole Information Services
2006	a DORSEY Susle	Haines Company, Inc
2004	JANICE WOMBER	Cole Information Services
1999	SUSIE DORSEY	Cole Information Services
1958	Moses Belford N	Pacific Telephone

### 1441 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VANCE NOLEN	Cole Information Services
2009	ESSIE MCCOLLUM	Cole Information Services
2006	a MOLLES Ess Oe MCCOLLUM Essiae	Haines Company, Inc Haines Company, Inc
2004	ESSIE MCCOLLUM	Cole Information Services
1999	ESSIE MCCOLLUM	Cole Information Services
1994	MCCOLLUM, ESSIE	Cole Information Services
1976	Mc Collum Essie	Pacific Telephone
1967	McCollum Essie	Pacific Telephone
1958	Mc Collum Essie	Pacific Telephone

### 1442 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1444 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE HERNANDEZ	Cole Information Services
2009	JOSE HERNANDEZ	Cole Information Services
2006	MEANINGFUL GIFTS HERNANDEZJose	Haines Company, Inc Haines Company, Inc
2004	JOSE HERNANDEZ	Cole Information Services
1999	OCCUPANT UNKNOWN JOSE HERNANDEZ	Cole Information Services Cole Information Services

### 1445 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BROWN MOORE	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	BARBARA ELLIS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Jessie Thelma Miss	Pacific Telephone
1958	Rosborough Francis	Pacific Telephone

### 1446 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	FURN FLOWERS	Cole Information Services
2006	QUINTANILLAMaria	Haines Company, Inc
2004	JOSE QUINTANILLA	Cole Information Services
	ROBERT LOCKHART	Cole Information Services
	ANTONIA ALEGRIA	Cole Information Services
1999	FURN FLOWERS	Cole Information Services
1994	LOCKHART, JOHNNY	Cole Information Services
1958	Wilkerson Mary	Pacific Telephone

### 1447 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	DORNEL SHELTON	Cole Information Services
1967	Hobbs Grace	Pacific Telephone

### 1448 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BERTHLINE YOUNG	Cole Information Services
2009	BERTHLINE YOUNG	Cole Information Services
2006	YOUNG Berthline	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	BERTHLINE YOUNG	Cole Information Services
1958	Gardener Willie H	Pacific Telephone

### 1449 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JESSE HERNANDEZ	Cole Information Services
2009	JESSE HERNANDEZ	Cole Information Services
2006	a HUEZO Juan	Haines Company, Inc
2004	JUAN HUEZO	Cole Information Services
1999	JESSE HERNANDEZ	Cole Information Services
1976	Hunter Elmo	Pacific Telephone
1958	Henry Cephas Mrs	Pacific Telephone

## FINDINGS

### 1452 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VICTOR GALEAS	Cole Information Services
2009	VICTOR GALEAS	Cole Information Services
2006	&MARTINEZ Martha	Haines Company, Inc
2004	MARTHA MARTINEZ	Cole Information Services
1999	VICTOR GALEAS	Cole Information Services

### 1453 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUSTO VASQUEZ	Cole Information Services
2009	JACQUELINE SMITH	Cole Information Services
2006	SAFFO Shannon a SMITH Jacqueline	Haines Company, Inc Haines Company, Inc
1999	JACQUELINE SMITH	Cole Information Services

### 1456 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN ROGEL	Cole Information Services
2009	SANDRA RODRIGUEZ	Cole Information Services
2006	MENDEZJesusa	Haines Company, Inc
2004	JOSE URBANO	Cole Information Services
1999	SANDRA RODRIGUEZ	Cole Information Services
1994	MARTINEZ, JOSE C	Cole Information Services
1976	Kirk Walter	Pacific Telephone

### 1457 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VELVET OAKLEY	Cole Information Services
2009	LINDA OAKLEY	Cole Information Services
2006	a OAKLEY Linda	Haines Company, Inc
2004	LINDA OAKLEY	Cole Information Services
1999	LINDA OAKLEY	Cole Information Services

### 1459 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	KENNETH HENRY	Cole Information Services
2004	KENNETH HENRY	Cole Information Services
1999	KENNETH HENRY	Cole Information Services

## FINDINGS

### 1460 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DENY ELIAS	Cole Information Services
2009	DENY ELIAS	Cole Information Services
2006	ELIAS Dennis Y	Haines Company, Inc
2004	JOSE ELIAS	Cole Information Services
1999	DENY ELIAS	Cole Information Services
1976	Freeman Walter	Pacific Telephone

### 1501 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	YENI VALLE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	YENI VALLE	Cole Information Services
2006	VELIS Gladys	Haines Company, Inc
2004	CARLOS VELIS	Cole Information Services
1999	YENI VALLE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Smith Janice V	Pacific Telephone
1958	Bridges Ernest E	Pacific Telephone

### 1505 W 57TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERT SAFFORE	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	SHEPHERD Gregory	Haines Company, Inc
	a SAFFOREVanessa	Haines Company, Inc
2004	ROBERT SAFFORE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	SHEPHERD, GREGORY	Cole Information Services
1967	Talton Deborah	Pacific Telephone
	Talton Marie	Pacific Telephone
	Talton Noris	Pacific Telephone
1958	Herrera Martin	Pacific Telephone

### W 58 TH

#### 1441 1/2 W 58 TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LUNA IGNACIO L	Pacific Bell



## FINDINGS

### **W 58TH**

#### **1100 W 58TH**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1990	COOPER FRANCIS & LOVIE	Pacific Bell

#### **1101 W 58TH**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1962	Milligan Amanda D	Pacific Telephone
1942	Milligan Geo Amanda mach	Los Angeles Directory Co.
	Milligan Lois	Los Angeles Directory Co.
	Milligan Walter G Amanda diemkr	Los Angeles Directory Co.

#### **1104 W 58TH**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1990	WARDEN HAROLD W	Pacific Bell
1986	WARDEN HAROLD W	Pacific Bell
1962	Jackson Daisy	Pacific Telephone
1942	Stachowiak Wm J Harriet toolmkr	Los Angeles Directory Co.

#### **1109 W 58TH**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1981	MOORE DONALD B	Pacific Telephone
1942	Edwards Annabelle C	Los Angeles Directory Co.
	EDWARDS Ella wid W H	Los Angeles Directory Co.
	EDWARDS W Hal Theresa E	Los Angeles Directory Co.
1933	VAUGHN Versal V Varga inventor	Los Angeles Directory Co.

#### **1112 W 58TH**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1990	MITCHELL M	Pacific Bell
1986	MITCHELL M	Pacific Bell
1981	MITCHELL M	Pacific Telephone
1971	Mitchell Burnis	Pacific Telephone
	Mitchell Martha	Pacific Telephone
1942	Gilch John Marjan	Los Angeles Directory Co.
1924	WADSWORTH Hallie F clk r	Los Angeles Directory Co.

#### **1128 W 58TH**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1981	FLOYD R	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Armstrong E	Pacific Telephone
1942	Haws Frank E Marietta driver	Los Angeles Directory Co.

### 1129 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	HARRIS BLANCHE MRS	Pacific Telephone
1971	Mc Cullom Margaret	Pacific Telephone
1962	Choy Esther	Pacific Telephone

### 1132 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GREENE F I	Pacific Bell
1986	GREENE F I	Pacific Bell
1971	Green Fannie	Pacific Telephone
1962	Green Fannie	Pacific Telephone
1942	LAMBERT Harold R Beth sta atdt	Los Angeles Directory Co.
	MARTIN Roberta	Los Angeles Directory Co.

### 1133 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	DUNBAR SIDNEY A	Pacific Telephone
1971	Dunbar Annie Owens	Pacific Telephone
1962	Kim Roy C	Pacific Telephone
	Kim Carol	Pacific Telephone
1942	Crocker Jos Anne driver	Los Angeles Directory Co.
1929	Kreitz John E Kath mech	Los Angeles Directory Co.

### 1137 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ADAMS OLIVE	Pacific Bell
	ADAMS WILLIE A	Pacific Bell
1986	ADAMS OLIVE	Pacific Bell
	ADAMS WILLIE A	Pacific Bell
1981	ADAMS OLIVE	Pacific Telephone
	ADAMS WILLIE A	Pacific Telephone
1971	Adams Olive	Pacific Telephone
	Adams Willie A	Pacific Telephone
1962	Adams Olive	Pacific Telephone
	Adams Willie A	Pacific Telephone
1942	BAURE Gustav A Jessie pntr Ed of Educ	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	BAURE Marguerite	Los Angeles Directory Co.
	BAURE Wm W pntr	Los Angeles Directory Co.

### 1140 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	CARUTHERS WILBUM S	Pacific Bell
1971	Ferner Edith	Pacific Telephone
1962	Ferner Edith	Pacific Telephone

### 1144 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LIVINGSTON DORSEY JR	Pacific Bell
1986	LIVINGSTON DORSEY JR	Pacific Bell
1981	LIVINGSTON DORSEY JR	Pacific Telephone
1971	Livingston Dorsey Jr	Pacific Telephone
1942	DAWSON Edgar Jessie firemn LAFD	Los Angeles Directory Co.

### 1145 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BRUCE OSWALD	Pacific Bell
1986	BRUCE M M	Pacific Bell
1971	Steinbock Leo E	Pacific Telephone
1962	Steinbock Leo E	Pacific Telephone
1942	Steinbock Leo B Thelma dental supp	Los Angeles Directory Co.

### 1148 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LEE NANCY K	Pacific Bell
1986	LEE NANCY K	Pacific Bell
1981	LEE NANCY K	Pacific Telephone
1971	Lee Elliott	Pacific Telephone
1962	Lee Elliott	Pacific Telephone
1942	PETERSEN Vigo T May mach	Los Angeles Directory Co.

### 1149 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HARPER MARJORIE D	Pacific Bell
1986	HARPER MARIORIE D	Pacific Bell
1981	HARPER MARJORIE D	Pacific Telephone
1971	Harper Marjorie D	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Scott Dorothy M	Pacific Telephone
	Harper Marjorie D	Pacific Telephone
	King Willie Mae	Pacific Telephone

### 1152 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WALKER JOHN A	Pacific Telephone
1942	Brown Victor N Kathryn barber	Los Angeles Directory Co.

### 1153 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	COHRAN JOHN	Pacific Bell
1986	COHRAN JOHN	Pacific Bell
1981	COHRAN JOHN	Pacific Telephone
1971	Paige J H	Pacific Telephone
1962	Paige J H	Pacific Telephone
1942	PAIGE Jos H Rose E auto repr	Los Angeles Directory Co.

### 1207 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HENDERSON BOOKER T	Pacific Bell
1986	HENDERSON BOOKER T	Pacific Bell
1981	HENDERSON BOOKER T	Pacific Telephone
1971	Henderson Booker T	Pacific Telephone
1962	Henderson Booker T	Pacific Telephone
1942	SCHMIDT Benj Bertha	Los Angeles Directory Co.
1937	Harp M L	Los Angeles Directory Co.
1933	Van Leer Harry B Ada auto mech	Los Angeles Directory Co.
1929	Van Leer Wm P Alice D gdnr h	Los Angeles Directory Co.
1924	Guy Dora wid Geo r	Los Angeles Directory Co.
	Guy John auto mech h	Los Angeles Directory Co.

### 1211 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	DRUMMONDS GEORGIA	Pacific Telephone
1971	Drummonds Georgia	Pacific Telephone
1942	Davis Albt D Lillie M carp	Los Angeles Directory Co.
1937	Gilstrap Wm A Helen C mach	Los Angeles Directory Co.
1929	RUTHERFORD John C Rosa carp h	Los Angeles Directory Co.
1924	Wurzinger Florence r	Los Angeles Directory Co.

## FINDINGS

### 1213 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	TURNER K M	Pacific Telephone
1971	Powell Eddie	Pacific Telephone
1942	JOHNSON Ernest L Mary S mldr	Los Angeles Directory Co.
1937	JAMES Mabel Mrs	Los Angeles Directory Co.

### 1215 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	EASTER MAGGIE	Pacific Bell
1981	JOHNSON OSCAR	Pacific Telephone
1971	Mc Clintock Monroe Earl	Pacific Telephone
1962	Mc Clintock Monroe Earl	Pacific Telephone
1942	Rackemann Minot Myrtle granite polahr	Los Angeles Directory Co.
	Mc Clintock Monroe E Mc Clintock & Sons	Los Angeles Directory Co.
	Mc Clintock Monroe Elnora Mc Clintock & Sons	Los Angeles Directory Co.
	Mc Clintock Carl L slsmn	Los Angeles Directory Co.
1937	Freeland Albt J carp	Los Angeles Directory Co.
	Freeland Carrie B	Los Angeles Directory Co.
	Freeland Wm D slsmn	Los Angeles Directory Co.
1933	Godward Bert F tire bldr	Los Angeles Directory Co.
	Godward Frank Christine	Los Angeles Directory Co.
	Godward Laura clk LAPD	Los Angeles Directory Co.
1929	Godward Frank N Christina	Los Angeles Directory Co.
	Godward Bert F	Los Angeles Directory Co.
	Godward Laura L sten LAPD	Los Angeles Directory Co.
1924	Freeland Wm B auto opr r	Los Angeles Directory Co.
	CAREY Erwin L clk h	Los Angeles Directory Co.
	CAREY Edwin L bkpr Pac Southwest Tr & Sav Bank r	Los Angeles Directory Co.

### 1233 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	GILES JOHN	Pacific Bell
	GILES EDWINA	Pacific Bell
1971	Alexander Lancaster	Pacific Telephone
1962	Kincherlow Loyse	Pacific Telephone
1942	Erickson Allan H Irma aircrftwkr	Los Angeles Directory Co.
	Busby Buddie Ruth USN	Los Angeles Directory Co.
1937	Gudeli Savo S Ella Indywkr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Gudeli June S clk	Los Angeles Directory Co.
	Gudeli Anker truck driver	Los Angeles Directory Co.
1933	Jurgenson Frank slsmn	Los Angeles Directory Co.
	Gudclj Saml Ella slsmn	Los Angeles Directory Co.
	Gudclj Millie S clk	Los Angeles Directory Co.
	Gudclj Ella S Mrs gro	Los Angeles Directory Co.
	Gudclj Anker S clk	Los Angeles Directory Co.
	DAY Cleon Gladys carrier PO	Los Angeles Directory Co.
1929	Schuring Andw J Idona driver h	Los Angeles Directory Co.
	Gudelj Save S Ella driver	Los Angeles Directory Co.
	FLETCHER Wm W Mollie	Los Angeles Directory Co.

### 1255 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SUTTON ELIZABETH	Pacific Bell
1986	SUTTON ELIZABETH	Pacific Bell
1981	SUTTON ELIZABETH	Pacific Telephone
1971	Sutton Elizabeth E	Pacific Telephone
	Sutton Bishop Aaron Rev	Pacific Telephone
1962	Washington Booker T	Pacific Telephone
1942	Mc MAHAN Frank T Barbara	Los Angeles Directory Co.
1937	Mc MAHAN Frank T Barbara	Los Angeles Directory Co.
	Klintman Edythe Mrs nurse	Los Angeles Directory Co.
1933	SKINNER Harriet Mrs clk	Los Angeles Directory Co.
	SKINNER Elbert W Harriett	Los Angeles Directory Co.
1929	STEVENS Ralph B Margt electn h	Los Angeles Directory Co.

### 1259 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	EDWARDS LYDIA T	Pacific Telephone
1962	Corral Jesse	Pacific Telephone
1942	STEVENS Clyde E Margt formn Mason Mfg Co	Los Angeles Directory Co.
	Riggan Bruce	Los Angeles Directory Co.
1937	STEVENS Clyde E Margt A woodwkr	Los Angeles Directory Co.

### 1305 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SHEPHERD BOBBIE	Pacific Bell
1986	PENN MIRIEL	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Jones Horace G	Pacific Telephone
1942	FARLEY Lulu Mrs	Los Angeles Directory Co.
	HILL John A	Los Angeles Directory Co.
1933	Farley Alf Lulu cook	Los Angeles Directory Co.
1929	FARLEY Lavine L sten	Los Angeles Directory Co.
1924	SMITH P J engrav h	Los Angeles Directory Co.

### 1309 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Brown Yvonne	Pacific Telephone
	Fuller Aileen	Pacific Telephone
1962	Crowley Mary Etta	Pacific Telephone
1929	WHITTAKER Robt musician r	Los Angeles Directory Co.

### 1313 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WHITE JA MAUL	Pacific Bell
1971	James Ellery L	Pacific Telephone

### 1315 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	NEWSOME JESSIE	Pacific Bell
1962	Jones Paulfred	Pacific Telephone
1929	STRONG Pebble M slsldy r	Los Angeles Directory Co.

### 1317 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	WILLIAMS CHARLES REV	Pacific Bell
1981	SYKES IRENE	Pacific Telephone
1962	Brown Shirley	Pacific Telephone
	Brown Clemis O	Pacific Telephone

### 1319 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WRIGHT WILLIE	Pacific Bell

### 1321 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	D	Pacific Telephone

## FINDINGS

### 1333 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	STEPHEN M	Pacific Bell
1986	STEPHEN M	Pacific Bell
1981	STEPHEN M	Pacific Telephone
1971	Stephen Earl	Pacific Telephone
1962	Stephen Earl	Pacific Telephone
1942	MUNSON Harry L clk	Los Angeles Directory Co.
1937	Shorey Everett C with G P Shorey	Los Angeles Directory Co.
	Shorey Geo P Mabel C bldg matl	Los Angeles Directory Co.
	Shorey Lyle J	Los Angeles Directory Co.

### 1347 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WILLIAMS ESIC	Pacific Bell
1981	GAINES DARLENE	Pacific Telephone
1971	Schuessler C H	Pacific Telephone
1962	Schuessler C H	Pacific Telephone
1942	Hedrick Wm S Myrtis driver	Los Angeles Directory Co.

### 1351 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Mc Manus Edith M	Pacific Telephone
1962	Mc Manus Edith M	Pacific Telephone
1942	FOX Clifton E Agnes driver	Los Angeles Directory Co.

### 1355 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	SMITH Chas L carp	Los Angeles Directory Co.
1929	SMITH Chas L lab h	Los Angeles Directory Co.

### 1415 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ROGERS FAITH	Pacific Bell
1981	WRIGHT AARON	Pacific Telephone
1962	Goldring Harry	Pacific Telephone
1942	Ekenberg Anne B wid W T drsmkr	Los Angeles Directory Co.
1937	SMITH Gordon M Hazel br mgr Interstate Co	Los Angeles Directory Co.
1933	MYERS Eileen Mrs	Los Angeles Directory Co.
	Knox Emma C waiter	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	HUBBARD John A carp	Los Angeles Directory Co.
	SMITH M T Mrs h	Los Angeles Directory Co.
	SMITH Pierce slsmn Broadway Dept Store r	Los Angeles Directory Co.

### 1421 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MALDONADO MANUEL	Pacific Bell
1962	Brownridge Leon	Pacific Telephone
	Brownridge Lupe	Pacific Telephone
1942	MILLS Marion S clk F&MN Bank	Los Angeles Directory Co.
	MILLS Edwin S Sadie P chf clk SPCo	Los Angeles Directory Co.
	MILLS Lillian H libry asst DML	Los Angeles Directory Co.
1937	MILLS Lillian H librn Pub Library	Los Angeles Directory Co.
	MILLS Edwin S Sarah clk SPCo	Los Angeles Directory Co.
1933	Mills Edwin S Sadie P clk	Los Angeles Directory Co.
	MILLS Lillian H librn Pub Library	Los Angeles Directory Co.
1929	MILLS Edwin S Sadie clk	Los Angeles Directory Co.
1924	Mills Edwin S clk h	Los Angeles Directory Co.
	Ruggles Franklin mech r	Los Angeles Directory Co.

### 1429 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	MORRIS FANNIE	Pacific Telephone
1962	Smith Odis	Pacific Telephone
1942	HEARD Jas cement fnshr	Los Angeles Directory Co.
1937	HEARD Jas Belle cement fnshr	Los Angeles Directory Co.
1933	HEARD Jas Belle concretwkr	Los Angeles Directory Co.
1929	Heard Jas Bell cement fnshr	Los Angeles Directory Co.

### 1433 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Taylor Aubrey K	Pacific Telephone
1942	Lloyd Bernard D Marjorie V driver	Los Angeles Directory Co.
	LLOYD Marjorie V tchr Pub Sch	Los Angeles Directory Co.
1937	Lloyd Bernard D Marjorie	Los Angeles Directory Co.
1933	MCLAUGHLIN Wm Edith M glass wkr	Los Angeles Directory Co.
	Bredemeyer Nyle page Pub Library	Los Angeles Directory Co.
	MACDONALD Nyle asst libr	Los Angeles Directory Co.
	MAC DONALD Ruth Mrs	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	WALKER Ernest E Dorothy lawyer h	Los Angeles Directory Co.
1924	Newton Edwd M paperhgr h	Los Angeles Directory Co.

### 1437 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CASTILLO DANIEL	Pacific Bell
1981	GAINES HOLSEY LEE	Pacific Telephone
1971	Hall Ruby	Pacific Telephone
1942	SMITH Wm T	Los Angeles Directory Co.
	Mocabee Roy F Fannie	Los Angeles Directory Co.
1937	BROWN H Lehman Marjorie slsmn Coffee Products of Am	Los Angeles Directory Co.
1933	BROWN Sarah Mrsh	Los Angeles Directory Co.
	BROWN Harry L Marjie slsmn Coffee Products of Am	Los Angeles Directory Co.

### 1445 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	William Willie Mae	Pacific Telephone
1942	OLSON Ernest C Gladys A	Los Angeles Directory Co.
	Karl Paul K drftsmn	Los Angeles Directory Co.
	Karl Lottie V wid O E	Los Angeles Directory Co.
	Karl Dolores G clk	Los Angeles Directory Co.
1933	Reimer Fredk O Viola glazier	Los Angeles Directory Co.
	Martin Raymond J lather	Los Angeles Directory Co.
1929	Reiner Fred C Tena glazier h	Los Angeles Directory Co.
	Reimer Fredk C glasswkr r	Los Angeles Directory Co.
1924	Hagopian Edwd J publicity mn Pac Coast Borax Co h	Los Angeles Directory Co.
	Conklin Frank L clk h	Los Angeles Directory Co.
	ARNOLD Clifford M Art Sign Co h	Los Angeles Directory Co.

### 1449 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	KING WILLIE MAE	Pacific Bell
1986	KING WILLIE MAE	Pacific Bell
	DAVIS SYLVESTER	Pacific Bell
1981	DAVIS SYLVESTER	Pacific Telephone
	KING WILLIE MAE	Pacific Telephone
1971	Parson Billy W	Pacific Telephone
1962	King Willie Mae	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	LYNCH Danl H	Los Angeles Directory Co.
	LYNCH Margt E	Los Angeles Directory Co.
	Stand Bernice wid W P bkpr	Los Angeles Directory Co.
1937	WILSON Willard K Irene N police	Los Angeles Directory Co.
	Heiselman Ruth typist	Los Angeles Directory Co.
	Heiselman Margt	Los Angeles Directory Co.
	Heiselman Nellie wid T E emp E F Hutton & Co	Los Angeles Directory Co.
1929	LYNCH Margt E	Los Angeles Directory Co.
	Heiselman Nellie wid T E bkpr	Los Angeles Directory Co.
	Heiselman Mary with E F Hatton & Co	Los Angeles Directory Co.

### 1453 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HUGHES ANNIE	Pacific Bell
1986	HUGHES ANNIE	Pacific Bell
1981	HUGHES ANNIE	Pacific Telephone
	HUGHES CLIFFORD	Pacific Telephone
1971	Hughes Annie	Pacific Telephone
	Hughes Gwendolyn	Pacific Telephone
1962	Hughes Willie H	Pacific Telephone
1942	Arguello Florentina wid Anthony	Los Angeles Directory Co.
1937	Arguello Florentine wid Tony	Los Angeles Directory Co.
1933	THOMAS Clyde N Edna A credit mgr Mefford Chemical Co	Los Angeles Directory Co.
1929	Corliss Abbie wid J R	Los Angeles Directory Co.
	HANSON Edw J Florence slsmn	Los Angeles Directory Co.
1924	De Armond Pauline tchr r	Los Angeles Directory Co.
	KIRKPATRICK B E musician h	Los Angeles Directory Co.

### 1457 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	PORTER EFFIE	Pacific Bell
1981	PORTER EFFIE	Pacific Telephone
1962	Wilburn Zera	Pacific Telephone
1942	Ford Carrie W wid John	Los Angeles Directory Co.
	Ford Donald E Margueritte ins agt	Los Angeles Directory Co.
1937	FORD Carrie W wid John	Los Angeles Directory Co.
	Manville Geo D studiowkr	Los Angeles Directory Co.
1933	Coe Florence sten	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	FORD Carrie W Mrs	Los Angeles Directory Co.
	FORD Donald E clk	Los Angeles Directory Co.
	MANVILLE Geo D plmbr	Los Angeles Directory Co.
1929	FORD John clk	Los Angeles Directory Co.
	BROWN H Lehman slsmn Haas Baruch & Co	Los Angeles Directory Co.
	FORD Carrie W wid John	Los Angeles Directory Co.
1924	SEPULVEDA Carrie F Mrs h	Los Angeles Directory Co.

### 1501 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WILLIAMS MICHELLE	Pacific Telephone
1942	Rettke Aug H Winifred B aircrftwkr	Los Angeles Directory Co.
1937	Rettke Aug H Winifred mtlwkr	Los Angeles Directory Co.
1933	Rettke Aug Winifred shtmtlwkr	Los Angeles Directory Co.
1929	Rettke Aug H Winifred mtlwkr h	Los Angeles Directory Co.
	Rettke Vashti sten r	Los Angeles Directory Co.
1924	Rettke Aug H shtmtlwkr h	Los Angeles Directory Co.

### 1149 1/2 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JONES STEVENSON	Pacific Bell

### 1233 1/2 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BOSWELL LEE ESTHER MRS	Pacific Telephone

### 1249 1/2 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	CRUZ IRENE	Pacific Telephone

### 1327 1/2 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	RICHARDSON DOROTHY M	Pacific Bell

### 1449 1/2 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SHACKELFORD YVONNE	Pacific Bell

## FINDINGS

### **W 58TH PL**

#### **1100 W 58TH PL**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1942	HEALEY Jack R Bernice clec appl	Los Angeles Directory Co.

#### **1101 W 58TH PL**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1967	Morgan Tyree C	Pacific Telephone
1962	Morgan Tyree C	Pacific Telephone
1958	Piest Lloyd M	Pacific Telephone
1942	BURGER Frank Carolyn elev opr	Los Angeles Directory Co.
	BURGER Lina jan	Los Angeles Directory Co.
	Krush Kath restrwkr	Los Angeles Directory Co.
1937	NEVILLE M T Geraldine	Los Angeles Directory Co.
1933	Bachmeyer Carl J Margt tires	Los Angeles Directory Co.
	Mc Gentry Henry C pntr	Los Angeles Directory Co.
	Mc Ginty Ellen Mrs	Los Angeles Directory Co.
1929	SEELEY Wm S Winnie eng h	Los Angeles Directory Co.
1924	Fisler May L h	Los Angeles Directory Co.
	WALSH Chas S slsmn Middleton & Mc Connell r	Los Angeles Directory Co.

#### **1102 W 58TH PL**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	MELVIN RESINOS	Cole Information Services
2009	MELVIN RESINOS	Cole Information Services
1999	MELVIN RESINOS	Cole Information Services

#### **1104 W 58TH PL**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	BRENDA SPANN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	CHE Kimbedy	Haines Company, Inc
	HOPE Tedford	Haines Company, Inc
2004	CHARLES AZONWU	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1990	WILLIAMS ELMIRA	Pacific Bell
1981	WILLIAMS ELMIRA	Pacific Telephone
1924	DETWILER Henry L Insp r	Los Angeles Directory Co.

## FINDINGS

### 1105 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HAMILTON FRANK	Cole Information Services
2009	FRANK HAMILTON	Cole Information Services
2006	HAMILTON Frank	Haines Company, Inc
2004	FRANK HAMILTON	Cole Information Services
1999	FRANK HAMILTON	Cole Information Services
1981	HAMILTON BUTCH	Pacific Telephone
1958	Van Gundy C C Mrs	Pacific Telephone
1942	Van Gundy Cornelia C wid J E	Los Angeles Directory Co.
	Van Gundy Cornelia M	Los Angeles Directory Co.
1937	Van Gundy Cornelia M	Los Angeles Directory Co.
	Van Gundy Cornelia C wid J E	Los Angeles Directory Co.
1933	Van Gundy Cornelia M	Los Angeles Directory Co.
	Van Gundy Cornelia C Mrs	Los Angeles Directory Co.
1929	Van Gundy Cornelia M r	Los Angeles Directory Co.
	Van Gundy Cornelia C wid Jacob E h	Los Angeles Directory Co.
1924	Van Gundy Cornelia wid J h	Los Angeles Directory Co.

### 1108 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BENITO MENA	Cole Information Services
2009	VICTORIANO PEREIRA	Cole Information Services
2006	BECKJames	Haines Company, Inc
	COOPER Rosie	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	VICTORIANO PEREIRA	Cole Information Services
1967	Cooper Rosie M	Pacific Telephone
1962	Kifer Ruth	Pacific Telephone
1958	Kifer Ruth	Pacific Telephone
1942	KIFER Hazel L	Los Angeles Directory Co.
	KIFER Ruth L compt opr SR & Co	Los Angeles Directory Co.
	Zang Chas N	Los Angeles Directory Co.
	Zaug Chas N bartndr	Los Angeles Directory Co.
1937	KIFER Geo H Esperance L	Los Angeles Directory Co.
	ADAMS Chas H rubberwkr	Los Angeles Directory Co.
1933	SWARTZ Carl A Marie B carp	Los Angeles Directory Co.
1929	MANN Alvin U chauf	Los Angeles Directory Co.
1924	Waldron Edwd R carp h	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Waldron Edwd R carp h	Los Angeles Directory Co.

### 1109 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NANCY GUZMAN	Cole Information Services
2009	GLORIA LARA	Cole Information Services
2006	CORTEZ Eva Julia MARTINEZRigoberto	Haines Company, Inc
2004	RIGOBERTO MARTINEZ	Cole Information Services
1999	RIGOBER MARTINEZ	Cole Information Services
	GLORIA LARA	Cole Information Services
1986	BROWNE CHAS R	Pacific Bell
1981	BROWNE CHAS R	Pacific Telephone
1958	Healey J R Jack	Pacific Telephone
1937	Dreibelbis Robt M Nora C formn SCTCo	Los Angeles Directory Co.
1933	Osterbauer W Claude Marion L servmn Ingersoll Rand Co	Los Angeles Directory Co.
1929	JONES Wm H Adel lab	Los Angeles Directory Co.
	JONES Grace M cashr Walkers	Los Angeles Directory Co.
1924	CHRISTENSEN Geo E Christensen Plating Works h	Los Angeles Directory Co.

### 1112 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CESAR ROCHA	Cole Information Services
2009	WALTER ROWAN	Cole Information Services
2006	ROWANDorothy	Haines Company, Inc
2004	DOROTHY ROWAN	Cole Information Services
1999	DOROTHY ROWAN	Cole Information Services
	WALTER ROWAN	Cole Information Services
1967	Dudas Andrew	Pacific Telephone
1962	Dudas Andrew	Pacific Telephone
1958	Dudas Andrew	Pacific Telephone
1942	YOUNG Theresa Mrs dom	Los Angeles Directory Co.
	FULTON Mary wid Chas	Los Angeles Directory Co.
1937	Naggle Florence P	Los Angeles Directory Co.
	Fulton Mary E wid C P	Los Angeles Directory Co.
1933	Lienhart Fred	Los Angeles Directory Co.
	Lienhard Albt G Goldie firemn LAFD	Los Angeles Directory Co.
1929	Linehard Albt firemn	Los Angeles Directory Co.
1924	HODGES Esra h	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Berry Geo boiler mkr r	Los Angeles Directory Co.

### 1113 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PETRONILA WILLIAMS	Cole Information Services
2009	PETRONILA WILLIAMS	Cole Information Services
2006	AUSTINMelandla	Haines Company, Inc
2004	ELTON HENDERSON	Cole Information Services
	PETRONILA WILIAMS	Cole Information Services
1999	PETRONILA WILLIAMS	Cole Information Services
1971	Mc Neely Ramona	Pacific Telephone
	Mc Neely Ramona	Pacific Telephone
1942	Jakel Aug R Rose E Buechner & Jakel	Los Angeles Directory Co.
	Jakel Elanore D priv sec FAI IE	Los Angeles Directory Co.
	Tanner Virgil A slsmn Sterling Beauty Supp Co	Los Angeles Directory Co.
1937	Adamo Bertha Mrs hskpr	Los Angeles Directory Co.
	Jakel Aug Jakel & Fluckiger	Los Angeles Directory Co.
	Jakel Frank C meats	Los Angeles Directory Co.
	Matzenbacher Terry clk	Los Angeles Directory Co.
	Meister Arth F meatctr	Los Angeles Directory Co.
1933	Jakel Aug meats	Los Angeles Directory Co.
	BOYD Geo Mary slsmn	Los Angeles Directory Co.
	Boy Nick Eliz jan	Los Angeles Directory Co.
1929	Rammazher Ramme Julius H Eliz h	Los Angeles Directory Co.
	Jakel Aug R meat ctr	Los Angeles Directory Co.

### 1116 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GARCIA DELCARMEN	Cole Information Services
	JUAN VATREZ	Cole Information Services
2009	EVA SOTO	Cole Information Services
	JUAN VATREZ	Cole Information Services
	MARIA QUINONEZ	Cole Information Services
	JESUS CERVANTES	Cole Information Services
	PEDRO MIRANDA	Cole Information Services
2006	SOTOEva Cervantes	Haines Company, Inc
	Vi BARBOSA Evelyn	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	EVA SOTO	Cole Information Services
1999	PEDRO MIRANDA	Cole Information Services
	JESUS CERVANTES	Cole Information Services
	JUAN VATREZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	MARIA QUINONEZ	Cole Information Services
	EVA SOTO	Cole Information Services
1976	Chenault Reed	Pacific Telephone
1971	Chenault Reed	Pacific Telephone
	Finley Thelma L	Pacific Telephone
1967	Ellis Grover O	Pacific Telephone
	Soto Gaile	Pacific Telephone
1962	Decker Clara	Pacific Telephone
	Ellis Grover O	Pacific Telephone
1958	Ellis Grover O	Pacific Telephone
1942	Hyre Lester M pharm Thrifty Drug Stores	Los Angeles Directory Co.
	Hyre Sadie Mrs	Los Angeles Directory Co.
	Shrake Frank L Colleen pntr	Los Angeles Directory Co.
1937	Conrad Bert F Viola A auto meah	Los Angeles Directory Co.
	CONRAD Robt lab	Los Angeles Directory Co.
	MURRAY Marie Mrs	Los Angeles Directory Co.
1933	Quantz David A Rita C carp	Los Angeles Directory Co.
	Wilkinson Alice K Mrs clk	Los Angeles Directory Co.
1929	MORRIS Carl Inez	Los Angeles Directory Co.
	Wilkinson Alice K r	Los Angeles Directory Co.
	WILKINSON Elmer Alice h	Los Angeles Directory Co.
1924	Wilkinson Alice K clk r	Los Angeles Directory Co.
	WILKINSON Elmer T slsmn R M Hollingshead Co r	Los Angeles Directory Co.

### 1117 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CUPERTINO REYES	Cole Information Services
2009	REYNALDO ARCOS	Cole Information Services
	CUPERTINO REYES	Cole Information Services
	MICAELA NAVARRO	Cole Information Services
	ANA MORALES	Cole Information Services
	MONICA CUEVAS	Cole Information Services
2006	MORALES Ana	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	MICAELA NAVARRO	Cole Information Services
	JESUS MUNOZ	Cole Information Services
1999	MICAELA NAVARRO	Cole Information Services
	ANA MORALES	Cole Information Services
	MONICA CUEVAS	Cole Information Services
	CUPERTINO REYES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	REYNALDO ARCOS	Cole Information Services
1994	PEREZROBLES, ISMAEL	Cole Information Services
1976	Carter Gary	Pacific Telephone
1967	Baker S	Pacific Telephone
1962	Whittington Rochester	Pacific Telephone
	Cross Sally Jeane	Pacific Telephone
1958	Ostrom Martha	Pacific Telephone
	Olson Anna A	Pacific Telephone
1942	NORTON Doris Mrs sten	Los Angeles Directory Co.
1937	Menikheim Carl R Emily slsmn Sears Roebuck & Co	Los Angeles Directory Co.
	Gorham Wm B Grace G drtsmn Western Precipitation Co	Los Angeles Directory Co.
	Dahl Gordon A	Los Angeles Directory Co.
1933	Northcutt Walleria G Mrs	Los Angeles Directory Co.
	WALTER Eug Virginia pntr	Los Angeles Directory Co.
1929	Salyer Richd A h	Los Angeles Directory Co.
	Pommerville Wm W Mildred machmn h	Los Angeles Directory Co.
1924	Brittle Richd lab h	Los Angeles Directory Co.

### 1118 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA QUINONEZ	Cole Information Services
	CLARENCE WILLIAMSON	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	QUINONEZ Mada	Haines Company, Inc
2004	MARIA QUINONEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1981	HARRY WILLIE P	Pacific Telephone
1976	Young Willie	Pacific Telephone
1967	Murkison Albert	Pacific Telephone
1962	Bradshaw Billie G	Pacific Telephone
1958	OBryan Julia	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Mantle D Mrs	Pacific Telephone
1942	FARREL Clarence E Hester H teller B of A	Los Angeles Directory Co.
1937	WHIPPLE N Frank Mable clk	Los Angeles Directory Co.
	BERGMAN Walter H Gwen L clk	Los Angeles Directory Co.
1933	Suit Robt A Mary A lab City Ed of Educ	Los Angeles Directory Co.
	Mc DONALD Walter D Ida P carp	Los Angeles Directory Co.
1929	MORGAN Lynn L Eva dentist	Los Angeles Directory Co.
1924	MORGAN Lynn L dentist h	Los Angeles Directory Co.

### 1119 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELIAS GONZALEZ	Cole Information Services
2009	JUVENCIO HENRIQUEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	MAURA ALVARADO	Cole Information Services
1999	JUVENCIO HENRIQUEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1981	WILLIAMS CHAS	Pacific Telephone
1971	Larry Jerry D	Pacific Telephone
1967	Foster Terry	Pacific Telephone
1942	Shopwinkel Freda M Mrs	Los Angeles Directory Co.
	Shopwinkel Chas D actor	Los Angeles Directory Co.
1937	Hawkins Edwin B Edith tailor	Los Angeles Directory Co.
1929	Gursey Albt J acct H J Barneson & Co	Los Angeles Directory Co.
	Mc QUEEN Harry Martha slsmn	Los Angeles Directory Co.

### 1120 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ARCHIE WILSON	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	QUINCY BROWN	Cole Information Services
	ARCHIE WILSON	Cole Information Services
2006	WILSON Betty	Haines Company, Inc
	WILSON Archie Lee Sr	Haines Company, Inc
	DAVIS Betty	Haines Company, Inc
2004	ARCHIE WILSON	Cole Information Services
	BETTY DAVIS	Cole Information Services
1999	QUINCY BROWN	Cole Information Services
	ARCHIE WILSON	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	WILSON, BETTY	Cole Information Services
1986	WILSON BETTY	Pacific Bell
1976	Wilson D	Pacific Telephone
1971	Wilson Betty Davis	Pacific Telephone
1967	Rogers Chas F	Pacific Telephone
1962	Brown Sarah G	Pacific Telephone
1958	Rodgers Carrie	Pacific Telephone
	Heffernan R E	Pacific Telephone
1942	BAKER Lee	Los Angeles Directory Co.
	Boeckelman Emmett W aircrftwkr	Los Angeles Directory Co.
	Boeckelman Geo H Henrietta	Los Angeles Directory Co.
	BUCKLEY Frank M	Los Angeles Directory Co.
	Garvin Frela Mrs	Los Angeles Directory Co.
1937	Boeckelmann Emmett W jwlr H M Ambrecht	Los Angeles Directory Co.
	Boeckelmann Geo H Etta pntr	Los Angeles Directory Co.
	Burkley Frank M	Los Angeles Directory Co.
	WATTS Raymond May jan	Los Angeles Directory Co.
1933	Boeckelman Emmett W jwlr	Los Angeles Directory Co.
	Boeckelman Geo H Henrietta pntr	Los Angeles Directory Co.
	BUCKLEY Frank M Minnie cooper	Los Angeles Directory Co.
	DODGE Rose J Mrs	Los Angeles Directory Co.
	STEVENS Walter metalwkr	Los Angeles Directory Co.
1929	Boeckelman Emmett W jwlr	Los Angeles Directory Co.
	Boeckelman Geo H Henrietta pntr	Los Angeles Directory Co.
	BUCKLEY Frank N Minnie	Los Angeles Directory Co.
1924	BUCKLEY Frank M cooper h	Los Angeles Directory Co.
	BUCKLEY Minnie r	Los Angeles Directory Co.

### 1121 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANGELO ORTIZ	Cole Information Services
2009	ANGELO ORTIZ	Cole Information Services
2006	LOPEZ Aleandro E	Haines Company, Inc
	ORTIZ Angel	Haines Company, Inc
2004	ANGELO ORTIZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ANGELO ORTIZ	Cole Information Services
1942	Crusoe Raymond C hdw	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Crusoe Ray C C A Crusoe & Son	Los Angeles Directory Co.
	Crusoe Chas A Minnie C A Crusoe & Son	Los Angeles Directory Co.
1933	Crusoe Chas A Minnie hdw	Los Angeles Directory Co.
1929	PATTERSON David V Mabel clk	Los Angeles Directory Co.
	PARKER Mary F wid Geo R	Los Angeles Directory Co.
	MOORE Edw J slsmn H W Koll & Co	Los Angeles Directory Co.

### 1124 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GERARDO GONZALEZ	Cole Information Services
	YESENIA RAMIREZ	Cole Information Services
2009	MAUILIO MORALES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	MORALES Maullio	Haines Company, Inc
	GONZALEZJavier a	Haines Company, Inc
2004	MELVIN RESINOS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	MAUILIO MORALES	Cole Information Services
1994	VALENCIA, JESUS M	Cole Information Services
1958	Gray Robt Jr	Pacific Telephone
1942	RICH Marie A Mrs fctywkr	Los Angeles Directory Co.
	Huss Virgil L Doris prsmn L A Paper Box Factory	Los Angeles Directory Co.
1937	HENDERSON Marie beauty opr	Los Angeles Directory Co.
	JOHNSON Daisy wid Nelson	Los Angeles Directory Co.
	JOHNSON Dorothy K inspr Bullocks	Los Angeles Directory Co.
1933	Huffer Anna B Mrs	Los Angeles Directory Co.
	Huffer Anna B Mrs	Los Angeles Directory Co.
	Ewell Mary sten	Los Angeles Directory Co.
	Etenburn Kath sten	Los Angeles Directory Co.
	DAVIS Pearl clk	Los Angeles Directory Co.
1929	Tudor Merle L Ruth chauf h	Los Angeles Directory Co.
	THOMPSON Clara C Wid Harry h	Los Angeles Directory Co.
	Roop Charlton clk r	Los Angeles Directory Co.
	Crosbie E H slsmn Clifford Mc Afee	Los Angeles Directory Co.
	Andress Wm J slsmn Wimsett System Corp	Los Angeles Directory Co.

## FINDINGS

### 1125 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARLENE GONZALEZ	Cole Information Services
2009	JOSE VASQUEZ	Cole Information Services
2006	e HILL Ruby	Haines Company, Inc
1999	JOSE VASQUEZ	Cole Information Services
1986	DENHAM I	Pacific Bell
1967	Washington Marie	Pacific Telephone
1942	Trivoli Ralph Ann	Los Angeles Directory Co.
1937	PETERSON Wilfred E Isaballe G police	Los Angeles Directory Co.
1933	Yentsch Minnie Mrs	Los Angeles Directory Co.
	Ames Agnes C sten	Los Angeles Directory Co.
	AMERMAN Mattie Y Mrs	Los Angeles Directory Co.
1929	Yentsch Della tchr City Sch r	Los Angeles Directory Co.
1924	BARNES West L printer h	Los Angeles Directory Co.

### 1127 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MANUEL MARTINEZ	Cole Information Services
2009	MANUEL MARTINEZ	Cole Information Services
2004	SHAWNTE SANDERS	Cole Information Services
1999	MANUEL MARTINEZ	Cole Information Services
1994	KING, EDDIE R	Cole Information Services
1986	HILL JAKE	Pacific Bell
1981	HILL JAKE	Pacific Telephone
1976	Hill Jake	Pacific Telephone
1971	Hill Jake	Pacific Telephone
1967	Hill Jake	Pacific Telephone
1962	Hill Jake	Pacific Telephone
1958	Hill Jake	Pacific Telephone
1942	Hubb David I Anna M plmbr	Los Angeles Directory Co.
1937	Mc GINNIS Vincent R Blanche	Los Angeles Directory Co.
	PETERSON Blanche V nurse supvr City Health Dept	Los Angeles Directory Co.
1933	Mc GINNIS Mack Clara clk	Los Angeles Directory Co.
1929	Jonah Ernest C Lydia cabtmkr	Los Angeles Directory Co.
	Walker Alex D Harriett r	Los Angeles Directory Co.

## FINDINGS

### 1128 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAMIRO RECINOS	Cole Information Services
2009	RAMIRO RECINOS	Cole Information Services
2006	BETETA Jorge e RECINOS Ramiro e	Haines Company, Inc Haines Company, Inc
2004	JENNY OLMEDO	Cole Information Services
1999	RAMIRO RECINOS OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
1986	SCOGGINS LYDIA J	Pacific Bell
1981	SCOGGINS LYDIA J SCOGGINS ELLIS MRS	Pacific Telephone Pacific Telephone
1976	Scoggins Ellis Mrs	Pacific Telephone
1971	Scoggiss Ellis Mrs	Pacific Telephone
1962	Spicer F	Pacific Telephone
1958	Spicer Florence	Pacific Telephone
1942	Englert Marie E	Los Angeles Directory Co.
1937	Englert Marie musician YMCA Englert Wm Mario E rubberwkr	Los Angeles Directory Co. Los Angeles Directory Co.
1933	Englert Wm Marie rubberwkr	Los Angeles Directory Co.
1929	Englert Wm Marie rubberwkr	Los Angeles Directory Co.
1924	CANNON Archie C switchmn h	Los Angeles Directory Co.

### 1129 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MIGUEL LOPEZ	Cole Information Services
2009	MIGUEL LOPEZ	Cole Information Services
1999	MIGUEL LOPEZ	Cole Information Services
1967	Klopping Neil H	Pacific Telephone
1962	Klopping Neil H	Pacific Telephone
1958	Klopping Neil H	Pacific Telephone
1942	Kliewer Peter A diemkr	Los Angeles Directory Co.
1937	SNOW Robt J factywkr HOLSINGER T Ray Carolyn auto pntr	Los Angeles Directory Co. Los Angeles Directory Co.
1933	PETERSON Harvey O lab PETERSON Elmer E carp	Los Angeles Directory Co. Los Angeles Directory Co.
1929	WILLIAMS Virgil V Diana steelwkr h PETERSON Elmer E Mc ALLISTER Donald clk	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.
1924	PEEL Walter A h	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	PETERSON Blache V nurse City Health Dep r	Los Angeles Directory Co.

### 1130 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	ROBERTO ADAME	Cole Information Services
2009	SARA NAVARRETE	Cole Information Services
	JOSEFINA RODRIGUEZ	Cole Information Services
	SILVIA ANDRADE	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	JUAN RODRIGUEZ	Cole Information Services
1999	SARA NAVARRETE	Cole Information Services
	JOSEFINA RODRIGUEZ	Cole Information Services
	SILVIA ANDRADE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	RIVAS, M R	Cole Information Services
1981	JOHNSON WILLIE	Pacific Telephone
1976	Johnson Willie	Pacific Telephone
1967	McKenna Emma B Mrs	Pacific Telephone
1962	Mc Kenna Emma B Mrs	Pacific Telephone
	Crowley A M	Pacific Telephone
1958	Mc Kenna Emma B Mrs	Pacific Telephone
1942	EDWARDS Harold Lavona linemn	Los Angeles Directory Co.
	Sidell Curtiss A Ramona clk	Los Angeles Directory Co.
1937	Isenberg Walter W Mary M	Los Angeles Directory Co.
	NICHOLSON John Anne	Los Angeles Directory Co.
1929	Pedlar Edw C slsmn Cal Consumers Co	Los Angeles Directory Co.
	EDDY Richd A Agnes salmn	Los Angeles Directory Co.
	Furman Wm H slsmn N B Blackstone Co	Los Angeles Directory Co.
	Gately Frank J Jessie and Aetna Life Ins Co	Los Angeles Directory Co.

### 1131 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2006	LOPEZ Miguel	Haines Company, Inc
	ESCOBAR Gilberto	Haines Company, Inc
2004	JOSE ALVARADO	Cole Information Services
1971	Reichwein C R	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Reichwein C R	Pacific Telephone
1962	Reichwein C R	Pacific Telephone
1958	Reichwein C R	Pacific Telephone
1942	HIRSCH Morris D Fannie watchmkr	Los Angeles Directory Co.
1937	HIRSCH Morris D Fannie	Los Angeles Directory Co.
1933	HIRSCH Ida R clk	Los Angeles Directory Co.
	HIRSCH Morris D Fannie watchmkr	Los Angeles Directory Co.
1929	SCHAFFER Benj Ella Schafer Bros h	Los Angeles Directory Co.

### 1132 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JOSE GUZMAN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	AYALA TORREZ	Cole Information Services
1999	JOSE GUZMAN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	XOCHIMITL, P C	Cole Information Services
1981	MATHIEU MARY M	Pacific Telephone
	MATHIEU MARY	Pacific Telephone
1976	Mathieu Mary	Pacific Telephone
1962	Ramirez Alfred L	Pacific Telephone
1937	TAYLOR Winnie cigar mkr	Los Angeles Directory Co.
	Smoyer Mary Mrs cigarmkr	Los Angeles Directory Co.
	Mc Nally Frank millwright	Los Angeles Directory Co.
	Brickel Oscar cigarmkr	Los Angeles Directory Co.
	KERNS Jas M	Los Angeles Directory Co.
1933	HOLMES Geo lab	Los Angeles Directory Co.
	HOLDEN John P Ida auto mech	Los Angeles Directory Co.
1929	Puryear Marian G r	Los Angeles Directory Co.
	Puryear Lee M Effie bkpr Cal Minwax Corp h	Los Angeles Directory Co.
1924	Puryear Lee M acct h	Los Angeles Directory Co.

### 1133 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GLORIA KYLES	Cole Information Services
2009	LEROY KYLES	Cole Information Services
2006	KYLES Leroy J	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	LEROY KYLES	Cole Information Services
1990	JOHNSON ANNIE	Pacific Bell
1986	JOHNSON ANNIE	Pacific Bell
1981	JOHNSON ANNIE	Pacific Telephone
1976	Johnson Annie	Pacific Telephone
1967	Fish Lou B	Pacific Telephone
1962	Fish Lou	Pacific Telephone
	Fish Pearl A	Pacific Telephone
1958	Fish Lou	Pacific Telephone
	Fish Pearl A	Pacific Telephone
1942	FISH Lulu B	Los Angeles Directory Co.
	FISH F Alberta cash Judson Press	Los Angeles Directory Co.
	FISH Frances A	Los Angeles Directory Co.
1937	FISH Lulu B	Los Angeles Directory Co.
	FISH Frances A bkpr Am Baptist Publication Society	Los Angeles Directory Co.
1933	FISH Pearl A cash Baptist Book Store	Los Angeles Directory Co.
	FISH Lulu B clk	Los Angeles Directory Co.
	Fish Frances bkpr	Los Angeles Directory Co.
	Fish Alberta bkpr Baptist Book Store	Los Angeles Directory Co.
1929	FISH Pearl A cashr Baptist Book Store	Los Angeles Directory Co.
	FISH Lula B	Los Angeles Directory Co.
1924	FISH Pearl A clk r	Los Angeles Directory Co.
	Fish F Alberta bkpr h	Los Angeles Directory Co.
	Fish Anna F wid Alonzo h	Los Angeles Directory Co.

### 1136 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MANUEL SOLIS	Cole Information Services
2009	MARICELA RODRIGUEZ	Cole Information Services
2006	a SOLIS Manuel	Haines Company, Inc
2004	MANUEL SOLIS	Cole Information Services
1999	MARICELA RODRIGUEZ	Cole Information Services
1981	COLEMAN ARVINE E	Pacific Telephone
1976	Wright Lola Kate	Pacific Telephone
1971	Wright Lola Kate	Pacific Telephone
1967	Wright Lola Kate	Pacific Telephone
1962	Wright Lola Kate	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	HAMILTON Raymond O Nancy R crmrywkr	Los Angeles Directory Co.
1937	Feehan Wm J	Los Angeles Directory Co.
	Cecil Anna E Mrs	Los Angeles Directory Co.
1933	FEEHAN Wm J	Los Angeles Directory Co.
	Cecil Annie	Los Angeles Directory Co.
1929	Feehan Wm J Lula carp	Los Angeles Directory Co.
1924	WORLEY J L auto mech r	Los Angeles Directory Co.
	Feehan Wm J stage hd h	Los Angeles Directory Co.

### 1137 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CECELIA CADE	Cole Information Services
2009	SOUTHERN CMFORT ASSSTED LIVING	Cole Information Services
	ANTHONY CADE	Cole Information Services
2006	e CADEGladys	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
	ANTHONY CADE	Cole Information Services
1962	Baker Elmer J	Pacific Telephone
1958	Baker Elmer J	Pacific Telephone
1942	Zito Vincent I airrcftwkr	Los Angeles Directory Co.
	Zito Jas B Jennie electn	Los Angeles Directory Co.
1937	Meints Mollie E bkpr	Los Angeles Directory Co.
	BAKER Ross L	Los Angeles Directory Co.
	Meints Cassen J Anna M	Los Angeles Directory Co.
1933	HALL Robt G Lillian M woodwkr	Los Angeles Directory Co.
1929	Earl Chas Mabel	Los Angeles Directory Co.
	Coakley Le Roy P clk	Los Angeles Directory Co.
1924	Magnuson Chas N bkpr h	Los Angeles Directory Co.

### 1140 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	ALVARADOEpimen lo a	Haines Company, Inc
2004	ROBERT ROGERS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1971	Ledesma Leo	Pacific Telephone
1967	Ledesma Leo	Pacific Telephone
1962	Ledesma Leo	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Ledesma Leo	Pacific Telephone
1942	Marzullo Jas D Esther v pres Jerseymaid Milk Products	Los Angeles Directory Co.
1937	Marzullo Jas D Esther pres Jerseymaid Milk Products Co	Los Angeles Directory Co.
1933	Marzullo Jas Esther plant supt Golden State Co	Los Angeles Directory Co.
1929	Marzullo Jas Esther plant supt Jersey Farm Dairy Co	Los Angeles Directory Co.
1924	Marzullo Jas D auto mech h	Los Angeles Directory Co.

### 1141 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	REFUGIO BUENROSTRO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	REFUGIO BUENROSTRO	Cole Information Services
	ELADIO SANTANA	Cole Information Services
2006	BUENROSTRO	Haines Company, Inc
	Refugio	Haines Company, Inc
	SANTANA adio	Haines Company, Inc
2004	REFUGIO BUENROSTRO	Cole Information Services
1999	REFUGIO BUENROSTRO	Cole Information Services
	ELADIO SANTANA	Cole Information Services
1990	MOORE HAROLD J	Pacific Bell
1986	MOORE HAROLD J	Pacific Bell
1981	MOORE HAROLD J	Pacific Telephone
1971	Dusset Freddie Leon Jr	Pacific Telephone
1967	Gray Viola	Pacific Telephone
	Ross Etta	Pacific Telephone
1962	Parker Wilbert L	Pacific Telephone
	Gray Viola	Pacific Telephone
1958	Consiglio Paul	Pacific Telephone
1942	Beacham Abbott Lillian mach	Los Angeles Directory Co.
	Koonz Thos H Faith aircrftwkr	Los Angeles Directory Co.
1937	Cufley John W acct Cords Piston Ring Sales Co of LA	Los Angeles Directory Co.
	MILLS John J	Los Angeles Directory Co.
1933	MILLS Jacob J	Los Angeles Directory Co.
	REYNOLDS Fred G Louise H	Los Angeles Directory Co.
1929	Horn Anderson B Emma clk LAG & E Corp	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	HORN Thelma L tchr	Los Angeles Directory Co.
1924	Mills John J storeroom hlpr L A Gas & Elec Corp h	Los Angeles Directory Co.

### 1144 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ARTIE HUDSPETH	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	ARTIE HUDSPETH	Cole Information Services
2006	MOLLES Essle	Haines Company, Inc
2004	ARTIE HUDSPETH	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	ARTIE HUDSPETH	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1976	Hudspeth Artle J	Pacific Telephone
1967	Coleman Helen Mrs	Pacific Telephone
1962	Crossley Magda	Pacific Telephone
	Bell Marilyn M	Pacific Telephone
	Bell Eddie E	Pacific Telephone
1958	Okimura Stanley	Pacific Telephone
	Tsutsui Ronald	Pacific Telephone
1942	Heinforth Orille H Helen M slsmn	Los Angeles Directory Co.
	WILLIAMS Jas W Molie driver	Los Angeles Directory Co.
1937	Goldberg David clk	Los Angeles Directory Co.
	Goldberg Minnie wid Hyman	Los Angeles Directory Co.
	Goldberg Seymoure	Los Angeles Directory Co.
	Stanek Wm G Vonis E	Los Angeles Directory Co.
1933	HEPNER Eliz Mrs	Los Angeles Directory Co.
	Morton Eliz M Mrs	Los Angeles Directory Co.
	Stanek Wm G electn Vouis	Los Angeles Directory Co.
1929	Merson Beulah E sten	Los Angeles Directory Co.
	Merson Jas W Inez	Los Angeles Directory Co.
	STEIN Anna E Mrs h	Los Angeles Directory Co.
1924	Stanek W G h	Los Angeles Directory Co.

### 1145 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HERMELINDA CARTAJENA	Cole Information Services
2009	PONSHONA WILLIAMS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WILLIAMS Dalphine	Haines Company, Inc
1999	PONSHONA WILLIAMS	Cole Information Services
1942	MILLS Wilmot C Olive electn	Los Angeles Directory Co.
1937	MILLS W Clare Olive M electn	Los Angeles Directory Co.
1933	Mill W C fixt hugr	Los Angeles Directory Co.
	MILLS Wilmot C Olive electn	Los Angeles Directory Co.
1929	MILLS Wilmot C Olive elect fixture mkr	Los Angeles Directory Co.
1924	Mills W Clare electr h	Los Angeles Directory Co.

### 1147 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAVIER BOLANOS	Cole Information Services
2009	JOSE MORALES	Cole Information Services
2006	MORENO Josefina	Haines Company, Inc
	SANCHEZ Abiga Il	Haines Company, Inc
	CHAVEZ Rosa	Haines Company, Inc
2004	JAVIER CHAVEZ	Cole Information Services
1999	JOSE MORALES	Cole Information Services
1990	LOPEZ JUAN MANUAL	Pacific Bell
1986	ORDAZ SLVIA	Pacific Bell
1962	Paynter Seana J	Pacific Telephone
1958	Paynter Seana J	Pacific Telephone
1933	Mc Laren Agnes Mrs	Los Angeles Directory Co.

### 1148 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RHONDA MARTIN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a FUENTES Fidel	Haines Company, Inc
2004	SHINIDA MOORE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1971	Roberts Billie	Pacific Telephone
1962	Fujii Gladys Mrs	Pacific Telephone
1958	Shon Young Choo	Pacific Telephone
1942	RUSSELL Thos H Lillian L driver	Los Angeles Directory Co.
1937	GIBSON Harold with Technicolor Motion Pict Corp	Los Angeles Directory Co.
	SPICER Florence wid Robt	Los Angeles Directory Co.
1933	PALMER Russell chauf	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	GILLESPIE Jos D Florence estimator Eng & Equip Co	Los Angeles Directory Co.
	KIFER Geo H Esperance vule	Los Angeles Directory Co.
1924	COHN Jack H garment mfr h	Los Angeles Directory Co.
	Miller Lucile Seam r	Los Angeles Directory Co.
	h	Los Angeles Directory Co.

### 1149 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GUZMAN DEJESUS	Cole Information Services
2009	ELIAS SANCHEZ	Cole Information Services
2006	o SANCHEZAbigall	Haines Company, Inc
2004	ABIGAIL SANCHEZ	Cole Information Services
1999	ELIAS SANCHEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1986	KAN S ELECTRICAL SERVICES	Pacific Bell
1981	SIMPSON V	Pacific Telephone
1976	Patterson Frederick	Pacific Telephone
1967	Dixon Melvin Z	Pacific Telephone
1962	Schwanzara Chas	Pacific Telephone
1958	Schwanzara Chas	Pacific Telephone
1942	Schwanzara Chas E Edith pntr	Los Angeles Directory Co.
1937	PATTON Belle	Los Angeles Directory Co.
	Stitt Julia L Mrs	Los Angeles Directory Co.
1933	Stitt Corwin J Juia L clk pntr	Los Angeles Directory Co.
1929	Stitt Corwin J Julia pntr	Los Angeles Directory Co.
1924	Stitt Corwin J painter	Los Angeles Directory Co.

### 1150 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROMERO IVANIA	Cole Information Services
2009	M WRIGHT	Cole Information Services
1999	M WRIGHT	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1981	RICHARDSON WANDA	Pacific Telephone
1971	Poston	Pacific Telephone
1958	Shon Bruce	Pacific Telephone
1942	THOMPSON Gail Constance	Los Angeles Directory Co.
1937	WARNER Theo H Lillian liquors	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	COHN Harold slsmn	Los Angeles Directory Co.
	COHN Jack Jessie slsmn	Los Angeles Directory Co.

### 1152 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FERNANDO JUAREZ	Cole Information Services
2009	FERNANDO JUAREZ	Cole Information Services
2006	JUAREZFemando	Haines Company, Inc
2004	ELENO PONCE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	FERNANDO JUAREZ	Cole Information Services
1994	FLORES, C	Cole Information Services
1990	FLORES TERESA	Pacific Bell
1958	Stephens Barbara	Pacific Telephone
1942	Greider Roy D Florence dispr Atlantic & S P Transfer Co	Los Angeles Directory Co.
	Greider Cath A	Los Angeles Directory Co.
1937	Greider Roy D Florance E dispatcher Atlantic & S P Transfer Co	Los Angeles Directory Co.
	Greider Cath N wid H H	Los Angeles Directory Co.
1933	Greider Roy D Florence dispr Atlantic & S P Transfer Co	Los Angeles Directory Co.
1929	Greider Roy D Florence dispatcher	Los Angeles Directory Co.
1924	Greider Roy D clk h	Los Angeles Directory Co.

### 1153 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MAX FLORES	Cole Information Services
	JUANA RUBIO	Cole Information Services
2009	JUANA RUBIO	Cole Information Services
2006	RUBIOJuana	Haines Company, Inc
2004	MAX FLORES	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JUANA RUBIO	Cole Information Services
1994	LOPEZ, JUAN M	Cole Information Services
1981	ABARAHAM	Pacific Telephone
1933	BAKER Owen Evelyn barber	Los Angeles Directory Co.
	Mc Daniels Paul A Corinne lab	Los Angeles Directory Co.
1929	Entriiken Emma J wid Saml K	Los Angeles Directory Co.
1924	Hubbard Arthur T clk h	Los Angeles Directory Co.



## FINDINGS

### 1155 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE TORRES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	MAX FLORES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	TORRES Blanca t	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MAX FLORES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1971	Williams Katie	Pacific Telephone
1967	Payne Julia	Pacific Telephone
1962	James Lewis	Pacific Telephone
	Martin Jos Jr	Pacific Telephone
1958	James Lewis	Pacific Telephone
1942	WILDER Peter	Los Angeles Directory Co.
	WILDER Verna F mach opr	Los Angeles Directory Co.
1937	JOHNSON Dee C Cath B auto glass	Los Angeles Directory Co.
1933	HANLEY Chas H Lucy E piano tuner	Los Angeles Directory Co.
	KIRCHOFF Wm R Lucille slsmn Youngs Mkt Co	Los Angeles Directory Co.
1929	BOND Ralph Forest bkpr Bobrick Chemical Corp	Los Angeles Directory Co.
	Guterding Jack Ethel credit mgr A Melman	Los Angeles Directory Co.
	ROBINSON Harold clk r	Los Angeles Directory Co.

### 1156 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA VELAZQUEZ	Cole Information Services
	GALLEGOS ROOFING	Cole Information Services
2009	GUILLERMO HERNANDEZ	Cole Information Services
2006	HERNANDEZ Erka	Haines Company, Inc
	VELASQUEZ Mara	Haines Company, Inc
	CONTRERAS Edgar	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
	GUILLERMO HERNANDEZ	Cole Information Services
	GALLEGOS ROOFING	Cole Information Services
1994	SILVA, OCTAVIO	Cole Information Services
	GALLEGOS ROOFING	Cole Information Services
1990	ALCANTARA FRANCISCO	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Evans Jerome	Pacific Telephone
1958	Northrup Carrie Mrs	Pacific Telephone
1942	GARDNER Edna E	Los Angeles Directory Co.
	GARDNER Eug S pntr	Los Angeles Directory Co.
1937	Gardner Edna E	Los Angeles Directory Co.
	Gardner Eug S pntr	Los Angeles Directory Co.
	NORTHROP Carrie L wid P H	Los Angeles Directory Co.
1933	GARDNER Edna E	Los Angeles Directory Co.
	GARDNER Eug S pntr	Los Angeles Directory Co.
1929	GARDNER Eug S Carrie pntr	Los Angeles Directory Co.
1924	GARDNER Eugene S paperhngr r	Los Angeles Directory Co.
	NORTHROP Pharis painter h	Los Angeles Directory Co.

### 1157 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAUL SALAZAR	Cole Information Services
2009	RAUL SALAZAR	Cole Information Services
2006	a SALAZARRaul	Haines Company, Inc
2004	RAUL SALAZAR	Cole Information Services
1999	RAUL SALAZAR	Cole Information Services
1976	Keller D	Pacific Telephone
1942	Meinburg Robt J Ruth prsmn	Los Angeles Directory Co.
1937	Dahl Otto F Hallie M bridge bldr	Los Angeles Directory Co.
1933	MILLARD Lawrence C Martha auto mech	Los Angeles Directory Co.
1924	Seber Veral D musician h	Los Angeles Directory Co.

### 1158 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Dahl Donald F	Los Angeles Directory Co.

### 1166 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	MAX FLORES	Cole Information Services
1999	MAX FLORES	Cole Information Services

### 1182 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	HOLDEN Robt	Los Angeles Directory Co.

## FINDINGS

### 1200 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DAVID RICHARDSON	Cole Information Services
2009	CYNTHIA SMITH	Cole Information Services
	STEVE RICHARDSON	Cole Information Services
	DAVID RICHARDSON	Cole Information Services
	THE BETHLEHEM VILLAGE INC	Cole Information Services
2006	RICHARDSON Genby	Haines Company, Inc
2004	STEVE RICHARDSON	Cole Information Services
1999	CYNTHIA SMITH	Cole Information Services
	STEVE RICHARDSON	Cole Information Services
	DAVID RICHARDSON	Cole Information Services
1995	Richardson G W Rev	Pacific Bell
1994	RICHARDSON, GENTRY W	Cole Information Services
1990	RICHARDSON G W REV	Pacific Bell
	RICHARDSON DOLORES	Pacific Bell
	RICHARDSON DOLORES	Pacific Bell
1986	RICHARDSON G W REV	Pacific Bell
	RICHARDSON DOLORES	Pacific Bell
	RICHARDSON DOLORES	Pacific Bell
1981	RICHARDSON G W REV	Pacific Telephone
	RICHARDSON DOLORES	Pacific Telephone
1976	Richardson G W Rev	Pacific Telephone
	Richardson Dolores	Pacific Telephone
1971	Richardson G W Rev	Pacific Telephone
1967	Richardson G W Rev	Pacific Telephone
1962	Richardson G W Rev	Pacific Telephone
1942	Mac DONALD Alex Ella	Los Angeles Directory Co.
	Trainoff Leonard Vera bus opr	Los Angeles Directory Co.
1937	Kendall Chas F Nora B	Los Angeles Directory Co.
	Mc Glade Geo T Shirley V	Los Angeles Directory Co.
1933	Brazil Oliver T E Grace baker	Los Angeles Directory Co.
	DAVIS Wm P clk	Los Angeles Directory Co.
	MOYER Edw O carp	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

### 1201 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ARACELI GOMEZ	Cole Information Services
2009	ARACELI GOMEZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o GOMEZAracell	Haines Company, Inc
2004	ARACELI GOMEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ARACELI GOMEZ	Cole Information Services
1994	GLASS, S	Cole Information Services
1990	GLASS SAVANNAH	Pacific Bell
1986	GLASS SAVANNAH	Pacific Bell
1981	GLASS SAVANNAH	Pacific Telephone
1976	Glass Savannah	Pacific Telephone
1958	Colangelo Jos	Pacific Telephone
1942	WILLSON Harvey L Hael	Los Angeles Directory Co.
	WILSON Harvey L slsmn H W Masters	Los Angeles Directory Co.
	WILSON Hazel M Mrs bkpr H W Masters	Los Angeles Directory Co.
	ORR Maxine sten	Los Angeles Directory Co.
	ORR Alton aircraftwkr	Los Angeles Directory Co.
	MASTERS Etta V wid H W	Los Angeles Directory Co.
1937	REID Josephine clk	Los Angeles Directory Co.
	La Caze John J Leola agt Prudential Ins Co	Los Angeles Directory Co.
1933	BLACKWELL Terence I Winifred chauf	Los Angeles Directory Co.
1929	THOMAS Wm jr Winifred eng h	Los Angeles Directory Co.
	Babbit Adyline Mrs sten	Los Angeles Directory Co.
1924	NOLAN Grace E clk r	Los Angeles Directory Co.
	NOLAN Elizabeth wid Danl h	Los Angeles Directory Co.
	NOLAN Paul E carp r	Los Angeles Directory Co.

### 1207 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	FRANCINE CANDIES	Cole Information Services
2006	a CANDIES Frank	Haines Company, Inc
2004	FRANK CANDIES	Cole Information Services
1999	FRANCINE CANDIES	Cole Information Services
	FRANK CANDIES	Cole Information Services
1986	CANDIES FRANK	Pacific Bell
1981	CANDIES FRANK	Pacific Telephone
1976	Candies Frank	Pacific Telephone
1971	Candies Frank	Pacific Telephone
1958	Stolinski August J	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Stolinski Aug J Stacy clk	Los Angeles Directory Co.
1937	Stolinsky Ruth J	Los Angeles Directory Co.
1933	CONNELLY Path J Eliz E lab	Los Angeles Directory Co.
1929	Dutton Walter W	Los Angeles Directory Co.
	Dutton Vera clk	Los Angeles Directory Co.
1924	Minnier Ralph H clk r	Los Angeles Directory Co.
	Dutton Walter W electr h	Los Angeles Directory Co.

### 1208 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAMES PRICE	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	NATHAN RICHARDSON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1981	DORSEY GUSSIE M	Pacific Telephone
1976	Jefferson Eva	Pacific Telephone
	Slaughter De Van	Pacific Telephone
1971	Haslam Birda Mae	Pacific Telephone
1967	Campbell Octave	Pacific Telephone
	Cummings Gertrude	Pacific Telephone
1962	Kalsbeek Henry	Pacific Telephone
	Hill Harmon	Pacific Telephone
1958	German Fred L Mrs	Pacific Telephone
	Mc Intosh Elvin P	Pacific Telephone

### 1210 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	D ANDERSON	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	DONNA MONROE	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	DAVID RICHARDSON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	DONNA MONROE	Cole Information Services
1994	STRANGE, YODA M	Cole Information Services
1981	RICHARDSON DAVID & VANESSA	Pacific Telephone
1971	Tervalon Hillary L	Pacific Telephone
1962	Stewart Walter A Mrs	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Stewart Nel P	Pacific Telephone
1958	Verrier Albert J	Pacific Telephone
1942	PENNY Glenn M Eileen firemn LAFD	Los Angeles Directory Co.
1937	PENNY Glenn G Eileen K factywkr	Los Angeles Directory Co.
1933	MOORE Lizzie L Mrs	Los Angeles Directory Co.
	MOORE Emma A prin Menlo Av Sch	Los Angeles Directory Co.
1929	MOORE Emma A Prin Menlo Av Sch	Los Angeles Directory Co.
	MOORE Eliz L	Los Angeles Directory Co.
1924	Moore Emma A tchr h	Los Angeles Directory Co.

### 1211 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JESUS JIMENEZ	Cole Information Services
2009	JESUS JIMENEZ	Cole Information Services
2006	JIMENEZJesus	Haines Company, Inc
2004	JESUS JIMENEZ	Cole Information Services
1999	JESUS JIMENEZ	Cole Information Services
1990	CHACON OSCAR A	Pacific Bell
1971	Johnson Grace Y	Pacific Telephone
1967	Olmos Rutilo	Pacific Telephone
	Olmos Inez	Pacific Telephone
1962	Sorapuru Elmo	Pacific Telephone
1958	Sorapuru Elmo	Pacific Telephone
1937	MURPHY Jos M Anna electn	Los Angeles Directory Co.
1933	Alley Lillie M Mrs	Los Angeles Directory Co.
	Pffirmann Leah Mrs beauty shop	Los Angeles Directory Co.
1929	Elder Edgar Eliz tchr	Los Angeles Directory Co.
1924	OConnor John J tailor h	Los Angeles Directory Co.
	r	Los Angeles Directory Co.

### 1212 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	LESCO MATERIAL CORPORATION	Cole Information Services
1991	ALL ROOFING & BUILDING MATERIALS CORP	Pacific Bell
1970	ALL ROOFING & BUILDING MATERIALS CORP	Pacific Telephone

## FINDINGS

### 1214 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2004	MARIA DIAZ	Cole Information Services
1967	Overshown Ann	Pacific Telephone
1958	Plummer Francis W	Pacific Telephone
1942	MONTGOMERY Hugh carp	Los Angeles Directory Co.
	Nugent Maude Mrs smstrs	Los Angeles Directory Co.
	MONTGOMERY Hamilton Eliz	Los Angeles Directory Co.
	MONTGOMERY Eliz W	Los Angeles Directory Co.
1933	Nugent Maude A smstrs	Los Angeles Directory Co.
	RICHARDS Geo W Lydia A plstr	Los Angeles Directory Co.
1929	Nugent Maude Mrs mach opr	Los Angeles Directory Co.
1924	Pontius Benj F barber h	Los Angeles Directory Co.

### 1215 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RODOLFO MELENDEZ	Cole Information Services
2009	RODOLFO MELENDEZ	Cole Information Services
2006	REYES Rodolo a	Haines Company, Inc
	SANTOS Madluz	Haines Company, Inc
2004	MARILUZ SANTOS	Cole Information Services
1999	RODOLFO MELENDEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	OCA, B	Cole Information Services
1990	OLIVA ZOILA A	Pacific Bell
1967	McKennis A	Pacific Telephone
1962	Clifford Ann Mrs	Pacific Telephone
1958	Clifford Ann Mrs	Pacific Telephone
1942	RANDOLPH Wallace L Kath L mgr Industrial Chemical Supp Co	Los Angeles Directory Co.
1937	CAMPBELL John R Ollie chauf	Los Angeles Directory Co.
1933	Haberman Saml J Elma S tchr City Schs	Los Angeles Directory Co.
1929	Sinnard Esther N Mrs nurse r	Los Angeles Directory Co.
	Sandstrum Walter W auto mech r	Los Angeles Directory Co.
	Sandstrum Emma wid Chas F	Los Angeles Directory Co.
1924	Schlager Isaac printer h	Los Angeles Directory Co.

## FINDINGS

### 1216 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Garrett Larry	Pacific Telephone
	Sadler Jas	Pacific Telephone
1958	Holley Lee M	Pacific Telephone

### 1218 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MICHEAL BENT	Cole Information Services
	SUSAN BROUSSARA	Cole Information Services
2009	VINESHA JONES	Cole Information Services
	SUSAN BROUSSARA	Cole Information Services
	MARY WRIGHT	Cole Information Services
	SUSAN BROUSSARD	Cole Information Services
	WRIGHT DWIGHT	Cole Information Services
2006	e THAXTON Mary	Haines Company, Inc
1999	SUSAN BROUSSARA	Cole Information Services
	MARY WRIGHT	Cole Information Services
	SUSAN BROUSSARD	Cole Information Services
	WRIGHT DWIGHT	Cole Information Services
	VINESHA JONES	Cole Information Services
1942	Haberman Barbara	Los Angeles Directory Co.
1937	Haberman Saml J Elma S tchr City Sch	Los Angeles Directory Co.
1933	MILLER Fred Virginia plmbr	Los Angeles Directory Co.
1929	BAILEY Olive A cashr	Los Angeles Directory Co.
	BAILEY Maude L Mrs	Los Angeles Directory Co.
1924	Cowley Rex J slsmn h	Los Angeles Directory Co.

### 1219 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ERNESTINE WALTON	Cole Information Services
2006	a BLAYLOCKDouglas	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ERNESTINE WALTON	Cole Information Services
1990	BROWN BOBBY	Pacific Bell
1981	CHANDLER ETHEL	Pacific Telephone
1971	Blaylock Douglas	Pacific Telephone
1967	Blaylock Douglas	Pacific Telephone
1962	Aiken Tena	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Aiken Tena	Pacific Telephone
1937	AIKEN Edw Tena slsmn	Los Angeles Directory Co.
1933	ATKINSON John W Kate chauf	Los Angeles Directory Co.
	AIKEN Edw J Tena Royal Catering Co	Los Angeles Directory Co.
1929	AIKEN Edw Tena printer	Los Angeles Directory Co.
1924	Ligon Douglas W carp h	Los Angeles Directory Co.

### 1222 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TERESA SALCEDO	Cole Information Services
2009	EVANGELINA SANDOVAL	Cole Information Services
2006	Evangelina	Haines Company, Inc
	SANDOVAL	Haines Company, Inc
	OCHOA AJejandro	Haines Company, Inc
2004	EVANGELINA SANDOVAL	Cole Information Services
1999	EVANGELINA SANDOVAL	Cole Information Services
1994	SANDOVAL, E	Cole Information Services
1962	Gutenkauf J Mrs	Pacific Telephone
1958	Gutenkauf J Mrs	Pacific Telephone
1942	Travis Amon E Margt div mgr SR & Co	Los Angeles Directory Co.
1937	ALLEN Edw C Helen engr L A Down Town Shopping News Corp	Los Angeles Directory Co.
	ALLEN Nan B Mrs	Los Angeles Directory Co.
	Travis Amon E Margt slsmn Sears Roebuck & Co	Los Angeles Directory Co.
1933	KELLOGG Harlow crmrywkr	Los Angeles Directory Co.
	FRASER Minnie E sten	Los Angeles Directory Co.
	FRASER David M Annie chauf	Los Angeles Directory Co.
	FRASER Calvin W slsmn	Los Angeles Directory Co.
1929	KELLOGG Harlow H car repr	Los Angeles Directory Co.
	FRASER Minnie E sten	Los Angeles Directory Co.
	FRASER David Annie millwright	Los Angeles Directory Co.
1924	Hickman Emmett J asst foremn Evening Herald h	Los Angeles Directory Co.

### 1223 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRIAN GONZALEZ	Cole Information Services
2009	IRMA GONZALEZ	Cole Information Services
2006	GONZALEZCados	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	IRMA GONZALEZ	Cole Information Services
1981	JACKSON JOAN	Pacific Telephone
1976	Wallace Frank L	Pacific Telephone
	Wallace Valita	Pacific Telephone
1962	Loyd Sibyl L Mrs	Pacific Telephone
1958	Loyd Sibyl L Mrs	Pacific Telephone
1942	LOYD Wm E Sybil L	Los Angeles Directory Co.
1937	Lyon Sibyl L wid E W	Los Angeles Directory Co.
	Baultus Eleanor	Los Angeles Directory Co.
1933	LYON Elmer Bessie carp	Los Angeles Directory Co.
1929	LYON Elmer W Sibyl mtrmn	Los Angeles Directory Co.
1924	Neugebauer Arthur G foremn h	Los Angeles Directory Co.

### 1226 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALEJANDRO CHACON	Cole Information Services
2009	GUADALUPE CHACON	Cole Information Services
2006	CHACON AJiandro	Haines Company, Inc
2004	GUADALUPE CHACON	Cole Information Services
1999	GUADALUPE CHACON	Cole Information Services
1981	THOMPSON FLETCHER	Pacific Telephone
1971	Sims J D	Pacific Telephone
1962	Beckman Barney	Pacific Telephone
1958	Beckman Barney	Pacific Telephone
1942	Weinert Henry J Doris clk	Los Angeles Directory Co.
1937	JACOBY Morris N Florence	Los Angeles Directory Co.
1933	JACOBY Morris N Gabrielle	Los Angeles Directory Co.
1929	PARSONS Wm E Florence baker	Los Angeles Directory Co.
	JACOBY Morris N Fay dept mgr Jacoby Bros	Los Angeles Directory Co.
1924	JACOBY Morris N rec dept Jacoby Bros h	Los Angeles Directory Co.

### 1227 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	MARIA ORTEGA	Cole Information Services
2006	e GARCIAEstehan	Haines Company, Inc
	ORTEGA Made	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	MARIA BAUTISTA	Cole Information Services
1999	MARIA ORTEGA	Cole Information Services
1967	Morris Ann	Pacific Telephone
	Morris Ernest R	Pacific Telephone
1962	Morris Ann	Pacific Telephone
	Morris Ernest R	Pacific Telephone
1942	KNOWLES Dwight C Helen R acct	Los Angeles Directory Co.
1937	RIGGINS Walter A Doris L	Los Angeles Directory Co.
1929	Tweedy Walter K Mary slsmn Cal Dairies Inc h	Los Angeles Directory Co.
1924	Muchnick Wm clk r	Los Angeles Directory Co.
	r	Los Angeles Directory Co.
	Kusnick Wm h	Los Angeles Directory Co.

### 1229 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Aiken Edw Tena	Los Angeles Directory Co.

### 1230 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RUDY BARRIOS	Cole Information Services
2009	RUDY BARRIOS	Cole Information Services
2006	BARRIOS Rudy	Haines Company, Inc
2004	CARMELO BEDOYA	Cole Information Services
1999	RUDY BARRIOS	Cole Information Services
1994	POZUELOS, ANTONIO	Cole Information Services
1986	CLARK YVONNE B	Pacific Bell
	CLARK AL J	Pacific Bell
1981	CLARK YVONNE B	Pacific Telephone
	CLARK AL J	Pacific Telephone
1976	Clark Yvonne B	Pacific Telephone
	Clark Al J	Pacific Telephone
1971	Clark Yvonne B	Pacific Telephone
	Clark Al J	Pacific Telephone
1967	Cameron Ernest A	Pacific Telephone
1962	Cameron Ernest A	Pacific Telephone
1958	Cameron Ernest A	Pacific Telephone
1942	Stutheir Leslie A Hazel carp	Los Angeles Directory Co.
	Courchaine Antoine	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Cossette Philip Antoinette carp	Los Angeles Directory Co.
1937	HALL Jas A Louise slsmn	Los Angeles Directory Co.
	HALL Bernard driver	Los Angeles Directory Co.
1929	Babb Frank D clk	Los Angeles Directory Co.
1924	Schwab Arnold driver r	Los Angeles Directory Co.
	Schwab John M auto opr h	Los Angeles Directory Co.

### 1231 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	PHOEBE DENT	Cole Information Services
2006	DENT Phoebe	Haines Company, Inc
2004	PHOEBE DENT	Cole Information Services
1999	PHOEBE DENT	Cole Information Services
1990	RUFFIN KATHERYN	Pacific Bell
1986	RUFFIN KATHERYN	Pacific Bell
1981	RUFFIN KATHERYN	Pacific Telephone
1976	Ruffin Katheryn	Pacific Telephone
1971	Ruffin Katheryn	Pacific Telephone
1967	Ruffin Katheryn	Pacific Telephone
1962	Ruffin Katheryn	Pacific Telephone
1958	Ruffin Katheryn	Pacific Telephone
1942	Kunz Harry S Margt G electn	Los Angeles Directory Co.
1937	Kunz Harry S Margt auto electn	Los Angeles Directory Co.
1933	NOLAN C Myrtle Mrs	Los Angeles Directory Co.
	NOLAN Margt L clk	Los Angeles Directory Co.
1929	MILLER Luella wid C E	Los Angeles Directory Co.
	NOLAN Edw Myrtle eng	Los Angeles Directory Co.
1924	Hossman Bessie M clk r	Los Angeles Directory Co.
	HOUSMAN Edwd auto opr h	Los Angeles Directory Co.
	HOUSMAN Elizabeth clk r	Los Angeles Directory Co.

### 1234 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JABULANI NAMDI	Cole Information Services
2009	JABULANI NAMDI	Cole Information Services
2006	o NNAMDI Jabulan I	Haines Company, Inc
2004	JABULANI NAMDI	Cole Information Services
1999	JABULANI NAMDI	Cole Information Services
1990	N NAMDI JABULANI	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	NAMNDI M	Pacific Bell
1981	NAMDI N	Pacific Telephone
1962	Thomas Emma R	Pacific Telephone
1942	THOMAS Wm D Emma R gdnr CPD	Los Angeles Directory Co.
	OLSON Charlotte dom	Los Angeles Directory Co.
1937	THOMAS Wm D Emma R gdnr Park Dept	Los Angeles Directory Co.
1933	OLSON Charlotte M maid	Los Angeles Directory Co.
	THOMAS Wm D Emma R gdnr Park Dept	Los Angeles Directory Co.
1929	THOMAS Wm D Emma gdnr h	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

### 1235 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE IZQUIERDO	Cole Information Services
2006	ADKINSVaree	Haines Company, Inc
2004	VAREE ADKINS	Cole Information Services
1994	ADKINS, L	Cole Information Services
1990	ADKINS LAWRENCE & VAREE	Pacific Bell
1986	ADKINS LAWRENCE & VAREE	Pacific Bell
1981	ADKINS LAWRENCE & VAREE	Pacific Telephone
1958	Jordan Willard S	Pacific Telephone
1942	SLADE John W Vera rubberwkr	Los Angeles Directory Co.
1937	ROBINSON Fred B Mae A mach	Los Angeles Directory Co.
1933	BROWN Grace D clk	Los Angeles Directory Co.
	BROWN Norton B Maude A car greaser	Los Angeles Directory Co.
1929	PARKER Ernest J clk	Los Angeles Directory Co.
	BROWN Norton B Maud lab	Los Angeles Directory Co.
1924	BROWN Norton B auto polshr h	Los Angeles Directory Co.
	HEALEY Paul D auto opr r	Los Angeles Directory Co.

### 1238 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RUBEN DIAZ	Cole Information Services
2009	I LINARES	Cole Information Services
2006	LINARES I Lelv la	Haines Company, Inc
2004	ORLANDO MENDOZA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	I LINARES	Cole Information Services
1981	MCDOWELL WM	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Cazaux Elien P Jeanne glasswkr	Los Angeles Directory Co.
1937	Cazaux Elien P glass beveler	Los Angeles Directory Co.
	Casaux Elien P Jeanette E glasswkr	Los Angeles Directory Co.
1933	Darees Marie Mrs	Los Angeles Directory Co.
	Cabaux Elien Jeanne Glass Products Co	Los Angeles Directory Co.
1929	Cazaux Elien Joan glasswkr	Los Angeles Directory Co.
	Cazaux Jeanne phone opr	Los Angeles Directory Co.
	Darees Mary F wid Jos B Indywkr	Los Angeles Directory Co.
1924	Spurr W B h	Los Angeles Directory Co.

### 1239 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DIONISIO ROMERO	Cole Information Services
2009	DORIS SAMPLER	Cole Information Services
2006	e SAMPLER Dods	Haines Company, Inc
2004	DORIS SAMPLER	Cole Information Services
1999	DORIS SAMPLER	Cole Information Services
1971	Sampler Doris	Pacific Telephone
1962	Gipson Alberta	Pacific Telephone
1958	Wynn Robt	Pacific Telephone
1942	HUDSON Loretta L Mrs fctywkr	Los Angeles Directory Co.
	HUDSON Herbt D Loretta slsmn	Los Angeles Directory Co.
1924	Galusha Howard F electr h	Los Angeles Directory Co.

### 1242 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUDY MCKINNEY	Cole Information Services
2009	BRYAN MCKINNEY	Cole Information Services
2006	MCKINNEY Juanita	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	BRYAN MCKINNEY	Cole Information Services
1981	FIELD ADELL SUMMER	Pacific Telephone
1976	Knowles D C	Pacific Telephone
1971	Knowles David D	Pacific Telephone
	Knowles D C	Pacific Telephone
1967	Knowles David D	Pacific Telephone
	Knowles D C	Pacific Telephone
1962	Knowles D C	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Knowles D C	Pacific Telephone
1942	Houps Chas J Nellie	Los Angeles Directory Co.
	Curd Edgar M shtmtlwkr	Los Angeles Directory Co.
1937	Houpe Chas Nell	Los Angeles Directory Co.
1933	Tann Fern Mrs	Los Angeles Directory Co.
1929	Brissler Ferdinand E Thelma welder	Los Angeles Directory Co.
1924	Leinhard Albt G firemn L A F D r	Los Angeles Directory Co.

### 1243 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LESLIE STEVENS	Cole Information Services
2009	THERESE DESIRE	Cole Information Services
2004	CLOTHILDE STEVENS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	THERESE DESIRE	Cole Information Services
1994	STEVENS, LESLIE T	Cole Information Services
1990	STEVENS LESLIE T	Pacific Bell
1986	STEVENS LESLIE T	Pacific Bell
1981	STEVENS LESLIE T	Pacific Telephone
1976	Stevens Leslie T	Pacific Telephone
1971	Stevens Leslie T	Pacific Telephone
1967	Stevens Leslie T	Pacific Telephone
1962	Stevens Leslie T	Pacific Telephone
1958	Stevens Leslie T	Pacific Telephone
1942	DOTSON Chas P Laura M plstr	Los Angeles Directory Co.
1937	DOTSON Chas P Laura M plstr	Los Angeles Directory Co.
1933	DOTSON Chas P Laura M plstr contr	Los Angeles Directory Co.
1929	REEVES John R Nancy cook h	Los Angeles Directory Co.
	DOTSON Chas P	Los Angeles Directory Co.
1924	DOTSON Chas P supt h	Los Angeles Directory Co.

### 1246 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	STACY PENFOLD	Cole Information Services
2006	a CABEZAS Salvador	Haines Company, Inc
2004	SAUL OLIVA	Cole Information Services
1999	STACY PENFOLD	Cole Information Services
1971	Pounds Maxine	Pacific Telephone
	Chase Thelma	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Pounds Maxine	Pacific Telephone
	Chase Thelma	Pacific Telephone
1962	Chase C C	Pacific Telephone
1942	GUINN Margt wid W B	Los Angeles Directory Co.
	DUNCAN Cap E Maude bartndr	Los Angeles Directory Co.
1937	Guinn Wm B Margt J jan	Los Angeles Directory Co.
1933	ROSEN Abr Goldie	Los Angeles Directory Co.
1929	TROWBRIDGE Mina wid Edw C h	Los Angeles Directory Co.
	HANSON Gordon lab	Los Angeles Directory Co.
	GREEN Harry	Los Angeles Directory Co.
1924	Kagy Orville L cement contr h	Los Angeles Directory Co.

### 1247 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	CHAOS INC	Cole Information Services
	ISMAEL MEMBRENO	Cole Information Services
	KHAOS	Cole Information Services
2006	MEMBRENO Ismael	Haines Company, Inc
2004	ISMAEL MEMBRENO	Cole Information Services
1999	ISMAEL MEMBRENO	Cole Information Services
1962	Wilson Waymon Jr	Pacific Telephone
1958	Bush Elmo	Pacific Telephone
1942	Wemple Lizzie A Mrs	Los Angeles Directory Co.
	Poyrel Albt mach	Los Angeles Directory Co.
	MESSENGER May L	Los Angeles Directory Co.
1937	NEWTON Chas B cook	Los Angeles Directory Co.
	MESSENGER May bkpr Tom Nestor	Los Angeles Directory Co.
	ANDERSON Louis cook	Los Angeles Directory Co.
1933	MESSENGER May bkpr T D Nestor	Los Angeles Directory Co.
	Kyhl Lawrence M Bess slsmn	Los Angeles Directory Co.
1929	MESSINGER May bkpr T D Nestor	Los Angeles Directory Co.
	MESSENGER May Mrs	Los Angeles Directory Co.
	LYMAN Eliz Mrs	Los Angeles Directory Co.
1924	MESSENGER L Mary bkpr Popkin & Nestor r	Los Angeles Directory Co.
	MESSENGER May L r	Los Angeles Directory Co.
	Pardee Harry M oil wkr h	Los Angeles Directory Co.



## FINDINGS

### 1249 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Eales Herald E spec metermn L A Gas & Elec Corp h	Los Angeles Directory Co.

### 1250 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CONCEPCON TRUJILLO	Cole Information Services
2009	CABEZAS TRANSPORT	Cole Information Services
	SALVADOR CABEZAS	Cole Information Services
2006	CABEZAS Salvador	Haines Company, Inc
2004	SALVADOR CABEZAS	Cole Information Services
1999	SALVADO CABEZAS	Cole Information Services
	SALVADOR CABEZAS	Cole Information Services
1994	CABEZAS, S	Cole Information Services
1990	CABEZAS SALVADOR	Pacific Bell
1971	Henry Edna L	Pacific Telephone
1967	Bergener Henry A	Pacific Telephone
1962	Bergener Henry A	Pacific Telephone
1958	Bergener Henry A	Pacific Telephone
1942	Mc Cutcheon Erie P crmrwkr	Los Angeles Directory Co.
	HANNA Rosemary Mrs	Los Angeles Directory Co.
	Bergener Henry A Lena	Los Angeles Directory Co.
1937	Bergner Henry A Lena slsmn	Los Angeles Directory Co.
1933	Bergener Henry A Lena meatctr	Los Angeles Directory Co.
1929	Mc Cutcheon Erie P weigher Cal Milk Produces Assn	Los Angeles Directory Co.
	Bergener Henry A Lena meats	Los Angeles Directory Co.
1924	Oglvie Wm F slsmn h	Los Angeles Directory Co.

### 1251 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BERTHA GONZALEZ	Cole Information Services
	NILSON RODAS	Cole Information Services
	INEZ MARTINEZ	Cole Information Services
	JACKELIN RIVAS	Cole Information Services
2009	BERTHA GONZALEZ	Cole Information Services
	JAIME CAMPOS	Cole Information Services
	INEZ MARTINEZ	Cole Information Services
2006	GONZALEZ Bertha	Haines Company, Inc
2004	JAIME CAMPOS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	BERTHA GONZALEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	INEZ MARTINEZ	Cole Information Services
	JAIME CAMPOS	Cole Information Services
1971	Johnson John D Sr	Pacific Telephone
1967	Johnson John D Jr	Pacific Telephone
	Williams Roger C	Pacific Telephone
1962	Harris Jas C	Pacific Telephone
1942	Schullo Anthony J Evelyn formn Hallenscheid & Mc Donald	Los Angeles Directory Co.
1937	Minder E A v pres J W Minder Chain Gear Co	Los Angeles Directory Co.
	PIERCE A P	Los Angeles Directory Co.
1933	JONES Ernest W Lillian cook	Los Angeles Directory Co.
	SCHNEIDER Carl	Los Angeles Directory Co.
1929	Cullingham Leland S Kath drapery mech	Los Angeles Directory Co.
	Waldschmidt Helen A clk ST&SBank r	Los Angeles Directory Co.
1924	SCHNEIDER Arthur J foremn Thos Haverty Co h	Los Angeles Directory Co.

### 1254 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DEBRA BOOKER	Cole Information Services
2009	EVERLENA BOOKER	Cole Information Services
2006	BOOKER Eveaena	Haines Company, Inc
2004	EVERLENA BOOKER	Cole Information Services
1999	EVERLENA BOOKER	Cole Information Services
1962	Bezart Viola	Pacific Telephone
1958	Manuel Chas	Pacific Telephone
1942	SMITH Harry E Goldie mech	Los Angeles Directory Co.
1933	CRAIG Roy K Evelyn N screenmkr	Los Angeles Directory Co.
1929	Parkington Geo	Los Angeles Directory Co.

### 1255 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GERARDO CORTEZ	Cole Information Services
2009	GERARDO CORTEZ	Cole Information Services
2006	CORTEZRosa	Haines Company, Inc
2004	MARIA OROZCO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	GERARDO CORTEZ	Cole Information Services
1990	SMITH SANDRA J	Pacific Bell
1986	SMITH SANDRA J	Pacific Bell
1981	JAMES ALICE	Pacific Telephone
1976	Lang Rachael	Pacific Telephone
	James Cora Lee	Pacific Telephone
	James Alice E	Pacific Telephone
1971	Smith Geo A Sr	Pacific Telephone
1967	Woods Ira Jr	Pacific Telephone
1962	Woods Ira Jr	Pacific Telephone
	Hall Odessa	Pacific Telephone
	Blanton Horace J	Pacific Telephone
1942	FRANCO Raymond BHelen boxmkr	Los Angeles Directory Co.
1937	Klintman Elmer W Edythe rubberwkr	Los Angeles Directory Co.
1933	Plumley Maxwell J emp SFN Bank	Los Angeles Directory Co.
	PIEPER Helen A Mrs	Los Angeles Directory Co.
	Plumley Iris E sten	Los Angeles Directory Co.
1929	GREEN Ethel C slsldy	Los Angeles Directory Co.
	GREEN Melvin A Ethel invest mn LAG & E Corp	Los Angeles Directory Co.
	Seiler Harold L Hazel invest inn L A & E Corp h	Los Angeles Directory Co.
1924	Gideon Gilbert W collr L A Gas & Elec Corp h	Los Angeles Directory Co.

### 1257 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	IGNACIO HUERTA	Cole Information Services
2009	ROSA CORTEZ	Cole Information Services
2006	SOPON Biplan	Haines Company, Inc
2004	IGNACIO HERNANDEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ROSA CORTEZ	Cole Information Services
1990	JONES MINNIE	Pacific Bell
1981	FREEMAN RICHARD L	Pacific Telephone
1976	Freeman Richard L	Pacific Telephone
1967	Puryear John	Pacific Telephone
1958	Woods Ira Jr	Pacific Telephone
1942	FARRELL Richd C Constance bkpr L H Gurrio	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	FARRELL Connie boxmkr	Los Angeles Directory Co.
1937	Putthoff Johanna A	Los Angeles Directory Co.
	FARRELL Richd E Constance gas sta atdt	Los Angeles Directory Co.
	FARRELL Connie M boxmkr	Los Angeles Directory Co.

### 1258 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FOSTER PLANING MILL CO	Cole Information Services
2009	BLANCA DELOZANO	Cole Information Services
2006	LOZANO Pedro	Haines Company, Inc
	DELOZANO Blanca L	Haines Company, Inc
2004	BLANCA DELOZANO	Cole Information Services
1999	BLANCA DELOZANO	Cole Information Services
1990	WALKER ROBT	Pacific Bell
1986	WALKER ROBT	Pacific Bell
1981	STEWART WILBURN A	Pacific Telephone
1976	Stewart Wilburn A	Pacific Telephone
1971	Stewart Wilburn A	Pacific Telephone
1967	Stewart Wilburn A	Pacific Telephone
1962	Stewart Wilburn A	Pacific Telephone
1958	Brainard Will C	Pacific Telephone
1942	Hogarth Leone mid D G	Los Angeles Directory Co.
	Hogarth David G	Los Angeles Directory Co.
1937	Hogarth David G Leone M carp	Los Angeles Directory Co.
	Bergner Robt E electn	Los Angeles Directory Co.
	Bergner H Donald slsmn	Los Angeles Directory Co.
1933	Hogarth David G Leone B gas sta	Los Angeles Directory Co.
1929	Hogarth David G Leone gas sta	Los Angeles Directory Co.
1924	PETERS Harry E marine eng h	Los Angeles Directory Co.
	Hogarth David G Hogarth & Benz h	Los Angeles Directory Co.

### 1259 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANA ARCHILA	Cole Information Services
2009	ANA ARCHILA	Cole Information Services
2006	ARCHILAAanas R	Haines Company, Inc
2004	JOSE CLAVEL	Cole Information Services
1999	ANA ARCHILA	Cole Information Services
1986	HAMP M	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Walker Xerxes E	Pacific Telephone
1942	RANDALL Chas P Alta tel instr	Los Angeles Directory Co.
1937	Caldabaugh Godfrey C Evelyn slsmn R L Craig & Co	Los Angeles Directory Co.
	Niss John G Violet elev opr	Los Angeles Directory Co.
1933	Paul Florence M clk	Los Angeles Directory Co.
	TANNER Philip A Grace roofer	Los Angeles Directory Co.
	MORSE W S plmbr	Los Angeles Directory Co.
1924	RICE Edna H r	Los Angeles Directory Co.
	RICE Harry A mech eng h	Los Angeles Directory Co.

### 1263 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MA CRUZ	Cole Information Services
2009	OSVALDO CRUZ	Cole Information Services
1999	OSVALDO CRUZ	Cole Information Services

### 1300 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAIRO GUERRIDO	Cole Information Services
2009	MARIA GUERRIDO	Cole Information Services
2006	GUERRIDO Mada	Haines Company, Inc
2004	MARIA GUERRIDO	Cole Information Services
1999	MARIA GUERRIDO	Cole Information Services
1958	Farmer W H Mrs	Pacific Telephone
1942	FARMER Wm H Anna clk	Los Angeles Directory Co.
1937	FARMER Wm H Anna cash Farmer Bros Co	Los Angeles Directory Co.
1929	Loomis Albt L Pearl eng	Los Angeles Directory Co.
1924	Petta F S ranchmn h	Los Angeles Directory Co.

### 1301 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRIAN BEETE	Cole Information Services
2009	MICHELLE SYKES	Cole Information Services
2006	a SYKES Michelle	Haines Company, Inc
2004	DIANA SYKES	Cole Information Services
1999	MICHELLE SYKES	Cole Information Services
1994	VELASQUEZ, JOSE	Cole Information Services
1962	Baker Oletha	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Baker Oletha	Pacific Telephone
1942	MILLS Evarett C Alice M	Los Angeles Directory Co.
1937	Shekelton Nancy E wid R J	Los Angeles Directory Co.
	HOPKINS Lillie M wid John	Los Angeles Directory Co.
1933	BRADY John Alice	Los Angeles Directory Co.
1929	Shekelton Nancy E wid R J drsmkr h	Los Angeles Directory Co.
1924	Shekelton Nancy F wid H J h	Los Angeles Directory Co.
	Asplind Frank dftsmn S C E Co r	Los Angeles Directory Co.

### 1304 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JACQUELYN MCLOUGHLYN	Cole Information Services
	STEPHANIE ABBOTT	Cole Information Services
2009	JOSE CAZARES	Cole Information Services
	EMMANUEL PENALOZA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	J KELLUM	Cole Information Services
	LAVERNE PITTS	Cole Information Services
	ENRIQUE SANDOVAL	Cole Information Services
2006	PENALOSAC	Haines Company, Inc
	PrI TSLeo	Haines Company, Inc
	/a CAZARES Jose	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	ERICA NIETO	Cole Information Services
1999	EMMANUEL PENALOZA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	ENRIQUE SANDOVAL	Cole Information Services
	J KELLUM	Cole Information Services
	LAVERNE PITTS	Cole Information Services
	JOSE CAZARES	Cole Information Services
1994	PENALOZA, JOSE A	Cole Information Services
	PITTS, CHESTER	Cole Information Services
1990	PITTS CHESTER	Pacific Bell
1986	PITTS CHESTER	Pacific Bell
1976	Ortega Jose	Pacific Telephone
1967	Walker Jean	Pacific Telephone
1962	Jones Richard T	Pacific Telephone
1942	SCHILLING Aida Mrs	Los Angeles Directory Co.
1937	Hysten Gunnas B Dorothy metalwkr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Hylan Gustav M Anna E carp	Los Angeles Directory Co.
1933	Hylan Gustave Anna carp	Los Angeles Directory Co.
	Hylan Mildred E sten	Los Angeles Directory Co.
1929	Hylan Garnner B mach	Los Angeles Directory Co.
	Hylan Gustave M Anna carp	Los Angeles Directory Co.
	Hylar Gunnnar B electn	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

### 1305 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN BONILLA	Cole Information Services
2009	JUAN CORTEZ	Cole Information Services
2006	CORTEZJuan	Haines Company, Inc
2004	JUAN BONILLA	Cole Information Services
	LEVIN RIVAS	Cole Information Services
	JUAN CORTEZ	Cole Information Services
1999	JUAN CORTEZ	Cole Information Services
1990	WATSON V	Pacific Bell
1986	WATSON V	Pacific Bell
1967	Kennedy Saml	Pacific Telephone
	Kennedy Ruth	Pacific Telephone
1962	Ellis Ruth	Pacific Telephone
1942	Yost Evelyn M	Los Angeles Directory Co.
1937	Yost Evelyn	Los Angeles Directory Co.
1933	FRANKLIN Maurice A Beula M	Los Angeles Directory Co.
1929	HOYT Harold E police	Los Angeles Directory Co.
1924	Yost Irving P carp h	Los Angeles Directory Co.
	Yost Evelyn M clk r	Los Angeles Directory Co.
	Yost Bernice L r	Los Angeles Directory Co.

### 1308 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	AMILCAR MAGANA	Cole Information Services
2009	MIRIAM RAMIREZ	Cole Information Services
2006	RAMIREZ Mir lam	Haines Company, Inc
2004	DANIEL GARCIA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	MIRIAM RAMIREZ	Cole Information Services
1990	FLETCHER V	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Brown Saml	Pacific Telephone
1962	Brown Saml	Pacific Telephone
1942	STOREY Boone C mot pict opr	Los Angeles Directory Co.
	STOREY Lela C wid W C	Los Angeles Directory Co.
1937	Deckleman Lizzie	Los Angeles Directory Co.
	Merifield Clara M wid J S	Los Angeles Directory Co.
1933	Deckelman Eliz	Los Angeles Directory Co.
	MERIFIELD Clara Mrs	Los Angeles Directory Co.
1929	Deckelman Lizzie	Los Angeles Directory Co.
	Merifield Clara wid J S	Los Angeles Directory Co.
	Merifield J Earl claim agt	Los Angeles Directory Co.
1924	Higgins Edwd D auto opr h	Los Angeles Directory Co.

### 1309 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LARRY PHELPS	Cole Information Services
2009	M FLEMING	Cole Information Services
2006	PHELPS Larry	Haines Company, Inc
2004	JULIA GRAY-PHELPS	Cole Information Services
1999	M FLEMING	Cole Information Services
1967	Stull Ethel	Pacific Telephone
1958	Meza Gilbert Mrs	Pacific Telephone
1942	Henshaw Gaston D Olive J radio techn Waldo Ong	Los Angeles Directory Co.
1937	Henshaw Gaston D Olive J radios	Los Angeles Directory Co.
1933	Henshaw Gaston D Olive J elec supp	Los Angeles Directory Co.
1929	Henshaw Gaston D Olive elect supp	Los Angeles Directory Co.
1924	Henshaw Gaston D Surveryor Sou Counties Gas Co h	Los Angeles Directory Co.

### 1312 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LUIS REYES	Cole Information Services
2009	ARACELY REYES	Cole Information Services
2006	MARTINEZ Mario	Haines Company, Inc
2004	MARIO MARTINEZ	Cole Information Services
1999	ARACELY REYES	Cole Information Services
1942	DOYLE Richd E	Los Angeles Directory Co.
	DOYLE Lucille A clk	Los Angeles Directory Co.
	Doyle Celia A wid J R	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Doyle Lucille A clk	Los Angeles Directory Co.
1929	Mc CLAIN Roy Hazel shsmn	Los Angeles Directory Co.
	HANSEN Eugenie Mrs	Los Angeles Directory Co.
	GREGG Irma bkpr Signal Oil & Gas Co	Los Angeles Directory Co.
1924	BELL Nathan h	Los Angeles Directory Co.

### 1313 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE ORTIZ	Cole Information Services
2009	JOSE ORTIZ	Cole Information Services
2006	ORTIZJose	Haines Company, Inc
2004	DEBBIE DELACRUZ	Cole Information Services
1999	JOSE ORTIZ	Cole Information Services
1990	WILSON NORRIS	Pacific Bell
1976	Collins Dean	Pacific Telephone
1962	Verdugo Salvador	Pacific Telephone
1958	Jackson Claude	Pacific Telephone
1942	Wurzingar Florence wid Gus	Los Angeles Directory Co.
1937	Hashberger Franklin	Los Angeles Directory Co.
	Walker Georgia C clk	Los Angeles Directory Co.
	Wursinger Donald	Los Angeles Directory Co.
	Wurr Ina F Indywkr	Los Angeles Directory Co.
	Wursinger Jean	Los Angeles Directory Co.
	Wursinger Florence Mrs	Los Angeles Directory Co.
1929	UPSON Wayne F agt U S Int Rev r	Los Angeles Directory Co.

### 1314 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	GERARDO RAMIREZ	Cole Information Services

### 1315 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	J FERGURSON	Cole Information Services

### 1316 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	AGUSTIN DIAZ	Cole Information Services
2009	LUIS DIAZ	Cole Information Services
2006	RAMIREZ Victor	Haines Company, Inc
	DIAZ Esperanza	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	LUIS DIAZ	Cole Information Services
1999	LUIS DIAZ	Cole Information Services
1994	BOHORQUEZ, SENITH	Cole Information Services
1976	Clark Odessa W	Pacific Telephone
1962	Higgs Lutie	Pacific Telephone
1958	Higgs Lutie	Pacific Telephone
1937	WALMSLEY Stuart F clk County Charities	Los Angeles Directory Co.
	WALMSLEY Rothwell F Ola M lumbermn	Los Angeles Directory Co.
1933	BROWN Philip M clk	Los Angeles Directory Co.
	MITCHELL Mary sten	Los Angeles Directory Co.
	MITCHELL John D Mary F formn Pac Knitting Mills	Los Angeles Directory Co.
1929	HERMAN Ethel C typist	Los Angeles Directory Co.
	Hermans Ethel C sten	Los Angeles Directory Co.
1924	Bellas B J archt h	Los Angeles Directory Co.
	Asplind Frances telep opr r	Los Angeles Directory Co.

### 1317 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RUBEN CONTRERAS	Cole Information Services
2009	RUBEN PORTILLO	Cole Information Services
2006	JAYA	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	RUBEN PORTILLO	Cole Information Services
1994	PREZA, CARLOS A	Cole Information Services
1962	Davila Edgar	Pacific Telephone
1958	Davila Edgar	Pacific Telephone
1942	Sleeper Jay A Essie pntr	Los Angeles Directory Co.
1937	Sleeper Wm	Los Angeles Directory Co.
	Sleeper Wesley	Los Angeles Directory Co.
	Sleeper Jay A Essie	Los Angeles Directory Co.
1933	Sleeper Joy A Essie pntr	Los Angeles Directory Co.
1929	SLEEPER Wesley A clk r	Los Angeles Directory Co.
	SLEEPER Jay A Elsie pntr h	Los Angeles Directory Co.
1924	Sleeper Jay A painter h	Los Angeles Directory Co.

### 1318 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	JIMS MACHINE SHOP	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	JIMS MACHINE SHOP	Cole Information Services

### 1320 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CEDRIC WALKER	Cole Information Services
2009	MICHAEL ASHFORD	Cole Information Services
2006	ASHFORD Bessie	Haines Company, Inc
2004	BESSIE ASHFORD	Cole Information Services
1999	MICHAEL ASHFORD	Cole Information Services
1958	Kelber Beckle	Pacific Telephone
1942	Kelber Rebecca wid John	Los Angeles Directory Co.
1937	Kelber Milton truck driver	Los Angeles Directory Co.
	Kelber Rebecca Mrs	Los Angeles Directory Co.
1933	Kelber Jacob Becky clo clnr	Los Angeles Directory Co.
	Kelber May M clk	Los Angeles Directory Co.
	Kelber Milton A slsmn	Los Angeles Directory Co.
1929	Kelber Jos Backie cl prsr	Los Angeles Directory Co.
1924	Cherwitz Saml seam r	Los Angeles Directory Co.
	Kelber Joa prsr h	Los Angeles Directory Co.

### 1321 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	DEAN POLLARD	Cole Information Services
2006	e ALVAREZAna	Haines Company, Inc
2004	JORGE ALVAREZ	Cole Information Services
1999	DEAN POLLARD	Cole Information Services
1958	Piano Norman D	Pacific Telephone
1942	Sleeper Wm D studiowkr	Los Angeles Directory Co.
	SHEPHERD Glenn B Vada	Los Angeles Directory Co.
1937	Manning Clifford L Dora W sta eng	Los Angeles Directory Co.
1933	Pate Oscar E carp	Los Angeles Directory Co.
	Kreisher Orville G Bertha A chauf	Los Angeles Directory Co.
	HARRINGTON M Raymond metalwkr	Los Angeles Directory Co.
1929	Westland Carl A Winifred toolmkr h	Los Angeles Directory Co.
1924	HURST Warren H clk r	Los Angeles Directory Co.
	CRESMER Wm V auto mech r	Los Angeles Directory Co.
	h	Los Angeles Directory Co.

## FINDINGS

### 1323 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	KENDAL TOMLIN	Cole Information Services
2009	REYNALDA RANGEL	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	REYNALDA RANGEL	Cole Information Services
1981	HARPER GEO	Pacific Telephone
1971	King Frank	Pacific Telephone
1967	King Frank	Pacific Telephone
1962	Colletti Russell T	Pacific Telephone
1958	Ortega Albert	Pacific Telephone
1942	Quimet Edw R Acme Photo Service	Los Angeles Directory Co.
	Wemet Edw Peggie	Los Angeles Directory Co.
1937	Quimet Edw R Margt mech Light Control Co	Los Angeles Directory Co.
1933	Quimet Edw R Margt S musician	Los Angeles Directory Co.
1929	Kreisher Orval G Bertha chauf	Los Angeles Directory Co.

### 1324 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MIGUEL GARCIA	Cole Information Services
2009	MIGUEL GARCIA	Cole Information Services
2006	PINEDA Oralla Garcia	Haines Company, Inc
	GARCIA Miguel a	Haines Company, Inc
2004	MARIA MEDINA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	MIGUEL GARCIA	Cole Information Services
1990	BARAHONA FRANCISCO	Pacific Bell
1967	Santana Ignacio R	Pacific Telephone
1962	Santana Ignacio R	Pacific Telephone
1958	Santana Ignacio R	Pacific Telephone
1942	BARRETT Robt E Clair L slsmn	Los Angeles Directory Co.
	CLAIR Lorraine beauty shop	Los Angeles Directory Co.
	CRAMER John D Mary A leatherwkr	Los Angeles Directory Co.
	CRAMER John E sta atdt	Los Angeles Directory Co.
	WARD Martha S wid W H	Los Angeles Directory Co.
1937	Holthoefer Mark Grace	Los Angeles Directory Co.
1933	TOMPKINS Geo C Mary H slsmn	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Campigha Rosie Mrs	Los Angeles Directory Co.
	La Clay Amielia wid Chas	Los Angeles Directory Co.
1924	Spang Laura musician r	Los Angeles Directory Co.

### 1325 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DOLORES SANCHEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	DOLORES SANCHEZ	Cole Information Services
2006	SANCHEZFidellna	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	FIDELINA SANCHEZ	Cole Information Services
1999	DOLORES SANCHEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	LATHA, JAMES	Cole Information Services
1976	Latha Jas	Pacific Telephone
1971	Latha Jas	Pacific Telephone
	Lattier Milton	Pacific Telephone
1942	HUNTINGTON Imogene Mrs slsw n	Los Angeles Directory Co.
	RICHMOND Wm H Elois acct	Los Angeles Directory Co.
1937	Huntington Roy W Imogene L pntr	Los Angeles Directory Co.
1933	HUNTINGTON Dora pkr	Los Angeles Directory Co.
	HUNTINGTON Bert	Los Angeles Directory Co.
1929	HUNTINGTON Le Roy W Imogene auto pntr	Los Angeles Directory Co.
1924	HUNTINGTON Leroy W painter h	Los Angeles Directory Co.

### 1326 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1328 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAMON IBARRA	Cole Information Services
2009	RAMON IBARRA	Cole Information Services
2006	IBARRA Ramon	Haines Company, Inc
2004	RAMON IBARRA	Cole Information Services
1999	RAMON IBARRA	Cole Information Services
1962	Davis Clarice	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Davis Clarice	Pacific Telephone
1937	KELLY Wm T Kathryn chauff	Los Angeles Directory Co.
1929	TOLSON Frank T Edith millwkr h	Los Angeles Directory Co.
1924	Herbert Felix C slsmn h	Los Angeles Directory Co.
	JACOBUS Ralph slsmn r	Los Angeles Directory Co.

### 1329 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NOE GUTIERREZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	SALAZAR Manual	Haines Company, Inc
2004	RAQUEL RAMIREZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1986	SCALLION JOHN LEE	Pacific Bell
1981	SCALLION MARGIE	Pacific Telephone
	SCALLION JOHN LEE	Pacific Telephone
	WARREN JOHN A	Pacific Telephone
1976	Scallion Margie	Pacific Telephone
	Scallion John Lee	Pacific Telephone
1971	Scallion Margie	Pacific Telephone
	Scallion John Lee	Pacific Telephone
1967	Scallion Margie	Pacific Telephone
	Scallion John Lee	Pacific Telephone
1962	Scallion Margie	Pacific Telephone
	Scallion John Lee	Pacific Telephone
1942	SPENCER Darryl G pin setter	Los Angeles Directory Co.
	SPENCER Wesley E jr	Los Angeles Directory Co.
	SPENCER Viola Mrs	Los Angeles Directory Co.
1937	SPENCER Wesley E whsmn	Los Angeles Directory Co.
	Spencer Darryl G clk	Los Angeles Directory Co.
	SPENCER Viola Mrs	Los Angeles Directory Co.
1933	Spencer Darryl G clk	Los Angeles Directory Co.
	SPENCER Wesley E Viola bkpr	Los Angeles Directory Co.
	SPENCER Wesley E jr clk	Los Angeles Directory Co.
1929	SPENCER Wesley E Viola and h	Los Angeles Directory Co.
	SORENSEN Howard electn r	Los Angeles Directory Co.

## FINDINGS

### 1332 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PRISCILLA BROWN	Cole Information Services
2009	PRISCILLA BROWN	Cole Information Services
2006	o BROWN Louis	Haines Company, Inc
2004	ROBERT BROWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	PRISCILLA BROWN	Cole Information Services
1976	Johnson Dorothy	Pacific Telephone
1971	Johnson John	Pacific Telephone
	Johnson John	Pacific Telephone
1958	Richmond W H	Pacific Telephone
1942	Duerksen John E Helen carp	Los Angeles Directory Co.
1937	Thiessen John A Eliz	Los Angeles Directory Co.
	Thiessen Anna nurse	Los Angeles Directory Co.
1933	Thiessen Waldo J office mgr Golden State Co	Los Angeles Directory Co.
	Thiessen John A Eliz	Los Angeles Directory Co.
	Buller Edw W clk	Los Angeles Directory Co.
	Thiessen Daisy B nurse	Los Angeles Directory Co.
	Thiessen Anna clk	Los Angeles Directory Co.
1929	JOHNSON David Ella	Los Angeles Directory Co.
	JOHNSON E clk	Los Angeles Directory Co.

### 1333 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIO MENA	Cole Information Services
	JOSE RODRIGUEZ	Cole Information Services
2009	MARIO MENA	Cole Information Services
2006	MENAGJose	Haines Company, Inc
2004	RODOLFO NAVARRO	Cole Information Services
	HILDA MENA	Cole Information Services
1999	MARIO MENA	Cole Information Services
1994	NAVARRO, RODOLFO	Cole Information Services
1958	Kleinheinz Leo W	Pacific Telephone
1942	Kleinheinz Leo W Vivian G forman	Los Angeles Directory Co.
1937	Kleinheinz Leo W Vivian G millwkr	Los Angeles Directory Co.
1929	Kleinheinz Leo W Vivian	Los Angeles Directory Co.
1924	Kleinheinz Leo W forem America Mfg Co h	Los Angeles Directory Co.

## FINDINGS

### 1336 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TOMAS MORALES	Cole Information Services
2009	MARIA SANTIAGO	Cole Information Services
2006	MORALES Benilo	Haines Company, Inc
2004	LUIS SALES	Cole Information Services
	BENITO MORALES	Cole Information Services
1999	MARIA SANTIAGO	Cole Information Services
	MAIRA CASTILLO	Cole Information Services
1958	Clark Guy L plmbr	Pacific Telephone
	Clark Gey L	Pacific Telephone
1942	CLARK Guy L Kath plmbr	Los Angeles Directory Co.
	DIXON Dahlia smstrs	Los Angeles Directory Co.
	Scott Wm L mech	Los Angeles Directory Co.
1937	CLARK Guy L Kath H plmbr	Los Angeles Directory Co.
	WHITEHEAD Ferron usher	Los Angeles Directory Co.
1933	CLARK Guy L Kath H plmbr	Los Angeles Directory Co.
	CLARK Alice A Mrs	Los Angeles Directory Co.
1929	CLARK Guy L Kath plmbr	Los Angeles Directory Co.
	CLARK Allie A wid Isaac G	Los Angeles Directory Co.
	CLARK Kath mach opr	Los Angeles Directory Co.
1924	CLARK Guy L plumber	Los Angeles Directory Co.
	CLARK Kath H mach opr r	Los Angeles Directory Co.

### 1337 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERT LAUBHAN	Cole Information Services
	SERGIO HERRERA	Cole Information Services
2009	MARJORIE LAUBHAN	Cole Information Services
2006	HERRERA Serglo	Haines Company, Inc
2004	VIRGINIA SANCHEZ	Cole Information Services
1999	SERGIO MARTINEZ	Cole Information Services
	MARJORIE LAUBHAN	Cole Information Services
1967	Strickland Calvin M	Pacific Telephone
1962	Strickland Calvin M	Pacific Telephone
1958	Baker C W	Pacific Telephone
1942	Kopta Geraldine B Mrs	Los Angeles Directory Co.
	BAKER Sherman E clk	Los Angeles Directory Co.
	BAKER Calvin W Edith M police	Los Angeles Directory Co.
1937	BAKER Calvin W Edith M police	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	BAKER Calvin W Edith police	Los Angeles Directory Co.
1929	BAKER Calvin W Edith police	Los Angeles Directory Co.
1924	BAKER Calvin W police h	Los Angeles Directory Co.

### 1340 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANITA PENN	Cole Information Services
2009	ANITA PENN	Cole Information Services
2006	PENN Norna	Haines Company, Inc
2004	ANGELA PENN	Cole Information Services
1999	ANITA PENN	Cole Information Services
1976	Nelson Morris W	Pacific Telephone
1971	Nelson Morris W	Pacific Telephone
1967	Nelson Morris W	Pacific Telephone
1962	Nelson Morris W	Pacific Telephone
1958	Nelson Ruby C	Pacific Telephone
1942	NOVAK Frank Laura clk	Los Angeles Directory Co.
1937	NOVAK Frank Erusta	Los Angeles Directory Co.
1933	Roller Chas A Mary lab	Los Angeles Directory Co.
1929	GLOBE Elma S sten	Los Angeles Directory Co.
	Stolp Walter E Lydia clk h	Los Angeles Directory Co.
1924	ALLEN Harvey G timekpr r	Los Angeles Directory Co.
	ALLEN Laura M P wid E F h	Los Angeles Directory Co.

### 1341 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
1942	Bruff Wm O clk	Los Angeles Directory Co.
	Bruff Kath H Mrs	Los Angeles Directory Co.
	Bruff Russell F jr clk	Los Angeles Directory Co.
1937	HANSON Alta asst cafeteria mgr Bd of Educ	Los Angeles Directory Co.
	HARRINGTON Raymond M msngr	Los Angeles Directory Co.
	Kreisher Bertha Mrs cafeteria mgr Bd of Educ	Los Angeles Directory Co.
	Kreisher Orval G Bertha A electn	Los Angeles Directory Co.
	Pate Oscar E carp	Los Angeles Directory Co.
1933	Aumaier Estelle L sten	Los Angeles Directory Co.
	Aumaier Herman O auto mach	Los Angeles Directory Co.
	Aumaier Theresa R compt opr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Matsdorf Leo R Edith M auto mech	Los Angeles Directory Co.
1929	Harrington Ray msngr	Los Angeles Directory Co.
	MARTINEZ Bernardina Mary slsmn	Los Angeles Directory Co.
1924	Schiess Geo T br mgr Rogan Drug Co r	Los Angeles Directory Co.
	Schiess Martha A clk r	Los Angeles Directory Co.
	Schiess Ferdinand h	Los Angeles Directory Co.

### 1344 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SAUL CASTILLO	Cole Information Services
2009	SAUL CASTILLO	Cole Information Services
2006	QUINTANILLAAddana	Haines Company, Inc
1999	SAUL CASTILLO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1990	LAKES HORACE	Pacific Bell
1986	LAKES HORACE	Pacific Bell
1981	LAKES HORACE	Pacific Telephone
1976	Lakes Horace	Pacific Telephone
1971	Lakes Horace	Pacific Telephone
1967	Lakes Horace	Pacific Telephone
1962	Lakes Horace	Pacific Telephone
1958	Lakes Horace	Pacific Telephone
1942	BELL Saml M Elda	Los Angeles Directory Co.
1937	Whisler Eug D lab	Los Angeles Directory Co.
	Whisler Lee M Ethel tile setter	Los Angeles Directory Co.
	Whisler Jos D	Los Angeles Directory Co.
	Whisler Ethel slswn	Los Angeles Directory Co.
1933	Whisler Lee M Ethel Y	Los Angeles Directory Co.
	Whisler Jos D slsmn	Los Angeles Directory Co.
	Whisler Eug D clk	Los Angeles Directory Co.
1929	Whisler Lee M Ethel tile setter h	Los Angeles Directory Co.
	Whisler Jos D r	Los Angeles Directory Co.

### 1345 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARTIN SANCHEZ	Cole Information Services
2009	GEZY AVELAR	Cole Information Services
2006	o AVELARGezy	Haines Company, Inc
2004	GEZY AVELAR	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	GEYZY AVELAR	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	AVELAR, MIGUEL	Cole Information Services
1990	AVELAR MIGUEL	Pacific Bell
1942	Rondestvedt Harold E Leora carp	Los Angeles Directory Co.
1937	OSullivan Jas	Los Angeles Directory Co.
1933	Norfolk Jas Martha chauf	Los Angeles Directory Co.
	Norfolk Martha dental asst A L Grossberg	Los Angeles Directory Co.
	KELLEY John A Tillie plmbr	Los Angeles Directory Co.
1929	Wharton Mary A Mrs r	Los Angeles Directory Co.

### 1348 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SHELIA JOHNSON	Cole Information Services
2009	SHEILA JOHNSON	Cole Information Services
2006	o JOHNSON Shella	Haines Company, Inc
2004	SHEILA JOHNSON	Cole Information Services
1999	SHEILA JOHNSON	Cole Information Services
1971	Smith Barbara E	Pacific Telephone
1967	Smith Barbara E	Pacific Telephone
1962	Smith W Chas	Pacific Telephone
1958	Brown Jos B	Pacific Telephone
1942	Clingerman Sylvia H wid Jack asst bkpr Cal Chair Co	Los Angeles Directory Co.
1937	Burchfield Leland	Los Angeles Directory Co.
	Burchfield John A	Los Angeles Directory Co.
1929	Burchfield Leland	Los Angeles Directory Co.
	Burchfield John Q slsmn	Los Angeles Directory Co.
1924	ROGERS Wm E slsmn Pennzoll Co h	Los Angeles Directory Co.

### 1349 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAFAEL ZELAYA	Cole Information Services
2009	RAFAEL ZELAYA	Cole Information Services
2006	e CANAS Defna	Haines Company, Inc
2004	GERALD BORTON	Cole Information Services
1999	RAFAEL ZELAYA	Cole Information Services
	SHARON ROSS	Cole Information Services
1942	Gilday Earl P Irene L slsmn	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Gilday Jack M plater	Los Angeles Directory Co.
1937	HOWARD Wm A Ada M mach	Los Angeles Directory Co.
1933	Triplett Wm E Vera M lab	Los Angeles Directory Co.
1929	Boone Jas W Theresa oil driller	Los Angeles Directory Co.
1924	Fallgren John W plasterer h	Los Angeles Directory Co.

### 1353 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARY CARRAWAY	Cole Information Services
2009	MARY CARRAWAY	Cole Information Services
2006	SALTSMAN Gerald	Haines Company, Inc
	CARRAWAY Mary L	Haines Company, Inc
2004	MARY CARRAWAY	Cole Information Services
1999	MARY CARRAWAY	Cole Information Services
1994	DICKERSON, GORDON R	Cole Information Services
1990	DICKERSON GORDON R	Pacific Bell
	DICKERSON GORDON R	Pacific Bell
1971	Washington Edith	Pacific Telephone
1942	Gaatiens Henry W Mary lab	Los Angeles Directory Co.
1937	Gaetiens Henry W Mary firemn	Los Angeles Directory Co.
1933	HANSEN John S gas sta	Los Angeles Directory Co.
	Williamson Alex A Tena C slsmn	Los Angeles Directory Co.
1929	Corwin Ruby L	Los Angeles Directory Co.
	Corwin Henry p	Los Angeles Directory Co.
1924	HART Richd C r	Los Angeles Directory Co.

### 1354 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OSCAR MAGANA	Cole Information Services
2009	LOHENDY PEREZ	Cole Information Services
2006	JACKSON Oledia	Haines Company, Inc
2004	EVERETT JACKSON	Cole Information Services
1999	LOHENDY PEREZ	Cole Information Services
1962	Jackson Oledia	Pacific Telephone
	Jackson Elmo	Pacific Telephone
1942	Gramer Victor W Frieda carp	Los Angeles Directory Co.
1937	Gramer Victor W Frieda carp	Los Angeles Directory Co.
1933	PEYTON Jesse C Elsie M police	Los Angeles Directory Co.
1929	Delmon Edith M wid Harry nurse	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Peterkin John E plastr h	Los Angeles Directory Co.

### 1356 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JESUS GUILLEN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	GARCIA Cesar	Haines Company, Inc
2004	LILIAN DURAN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1981	CLARK S	Pacific Telephone
1958	Mc Bride U T	Pacific Telephone
1937	Peugeot Boyd Goldie M civ eng	Los Angeles Directory Co.
	Peugeot Ralph L clk	Los Angeles Directory Co.
1929	STEPHENS Nora J smstrs r	Los Angeles Directory Co.
	KEMP Nicholas F	Los Angeles Directory Co.
	Flenniken Fannie S Mrs	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

### 1357 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SUZANNE COLEMAN	Cole Information Services
2009	ROSARIO PEDRAZA	Cole Information Services
	SUZANNE COLEMAN	Cole Information Services
2006	o COLEMAN Suzanne	Haines Company, Inc
2004	CATHY RANFORD	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ROSARIO PEDRAZA	Cole Information Services
	SUZANNE COLEMAN	Cole Information Services
1976	Summers Lawana	Pacific Telephone
1971	Summers Lawana	Pacific Telephone
1967	Locus Emma	Pacific Telephone
1962	Locus Emma	Pacific Telephone
1958	Locus Emma	Pacific Telephone
1942	WATSON Jeanette C wid F C	Los Angeles Directory Co.
	Southwood Jack driver	Los Angeles Directory Co.
	Tygrett Roy O shor repr	Los Angeles Directory Co.
1929	Silloway Esther A br mgr WUT Co r	Los Angeles Directory Co.
1924	Burchfield John Q jr h	Los Angeles Directory Co.

## FINDINGS

### 1358 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Gillett Idus L	Los Angeles Directory Co.

### 1359 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	SPENCER Wesley E asst traffic mgr Cal Vegetable Union h	Los Angeles Directory Co.

### 1362 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Crutill Chas L electr h	Los Angeles Directory Co.

### 1386 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	CLARK Kath H mach opr	Los Angeles Directory Co.

### 1395 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Hu Frank L	Los Angeles Directory Co.

### 1400 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Vander Linden Raymond fndrywkr	Los Angeles Directory Co.
	LEADER Henrietta wid Richd	Los Angeles Directory Co.
1933	Huffman Omer Naomi mldr	Los Angeles Directory Co.
	Huffman Isaac Gertrude carp	Los Angeles Directory Co.
	CAMP Margt A Indywkr	Los Angeles Directory Co.
	ALLEN Eug Naomi electn	Los Angeles Directory Co.
1929	BELL Oscar J Mary lab	Los Angeles Directory Co.

### 1401 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	PIERSON Edwd F painter h	Los Angeles Directory Co.

### 1402 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARCOS NAVARRO	Cole Information Services
2009	MARCOS NAVARRO	Cole Information Services
1999	MARCOS NAVARRO	Cole Information Services
1942	DAVIS Naomi Mrs	Los Angeles Directory Co.
	DAVIS Roy aircrftwkr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	KIRCH Henry B Elsie lab	Los Angeles Directory Co.
	BELL Oliver J crmrywkr	Los Angeles Directory Co.

### 1404 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HUGO PEREZ	Cole Information Services
2009	DIANA LIMA	Cole Information Services
2004	ROSA MENA	Cole Information Services
1999	DIANA LIMA	Cole Information Services
1971	Washington Jas	Pacific Telephone
1962	Henry Zenelia	Pacific Telephone
1958	Leaman John A	Pacific Telephone
1942	Mrs waiter	Los Angeles Directory Co.
1937	Ort Clifton J Bessie	Los Angeles Directory Co.
1933	Janssen Henry B Emma plmbr	Los Angeles Directory Co.
1929	Earl Chas E Anna marble settr	Los Angeles Directory Co.
1924	GIBSON Clyde R auto mech h	Los Angeles Directory Co.

### 1406 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MONEISHA WATKINS	Cole Information Services
2006	a COLEMAN Mildred	Haines Company, Inc
2004	MILDRED COLEMAN	Cole Information Services
1981	COLEMAN MILDRED D MRS	Pacific Telephone
1976	Coleman Mildred D Mrs	Pacific Telephone
	James Alfonso	Pacific Telephone
1971	Coleman Mildred D Mrs	Pacific Telephone
1967	Coleman Mildred D Mrs	Pacific Telephone
1937	SULLIVAN Martin Mildred auto mech	Los Angeles Directory Co.
1933	Secord Henry J Marie G eng	Los Angeles Directory Co.
1929	NELSON Arth Louise ironwkr	Los Angeles Directory Co.
	NELSON Walter C Jennie ironwkr	Los Angeles Directory Co.
1924	Hall Ray R serv mgr J B Fahy r	Los Angeles Directory Co.
	Hall Roy R electr h	Los Angeles Directory Co.

### 1407 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Toth Jos	Pacific Telephone
1958	Toth Jos	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Huisveld Herman A Rio clk	Los Angeles Directory Co.
1937	Chapin Guy D Eda chauf	Los Angeles Directory Co.
1929	Pickett Laverne C Grace carp	Los Angeles Directory Co.
	Pickett Grace Mrs smstrs	Los Angeles Directory Co.
1924	Griffis Percy S slsmn American Slient Chain & Pump Co h	Los Angeles Directory Co.

### 1410 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CLYDE DAVIS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	o DAVSO lyde	Haines Company, Inc
2004	CLYDE DAVIS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	DANTZLER, LELA M	Cole Information Services
1976	Wanza Anesta	Pacific Telephone
1962	Smith Alfred H	Pacific Telephone
1958	Smith Alfred H	Pacific Telephone
1942	SMITH Alf H Charlotte	Los Angeles Directory Co.
	FORRESTER Joshua S	Los Angeles Directory Co.
1937	SMITH Alf H Charlotte dental mech	Los Angeles Directory Co.
1933	STANLEY Arth F Zella E formn Illustrated Daily News	Los Angeles Directory Co.
	SMITH ALFRED H Charlotte California Dental Laboratories Director Smith Dental Institute	Los Angeles Directory Co.
	SMITH Carol	Los Angeles Directory Co.
1929	h	Los Angeles Directory Co.
	SMITH ALFRED H Callifornia Dental Laboratorles Director School of Mechanical Dentistry	Los Angeles Directory Co.
	SMITH Albt dental mech h	Los Angeles Directory Co.
1924	r	Los Angeles Directory Co.
	Schmidt Helene wid Aug h	Los Angeles Directory Co.

### 1411 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LEONEL SALCEDO	Cole Information Services
2009	LEONEL SALCEDO	Cole Information Services
2006	a SALCEDOTeresa	Haines Company, Inc
2004	LEONEL SALCEDO	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	WESLEY ROBINSON	Cole Information Services
	LEONEL SALCEDO	Cole Information Services
1971	Jordan Bernet	Pacific Telephone
1962	Corral Jess D	Pacific Telephone
1958	Corral Jess D	Pacific Telephone
1942	CHAPMAN Thos C Velma mtrmn	Los Angeles Directory Co.
1937	Blocher Frank Ednalee auto mech	Los Angeles Directory Co.
1933	Blocher Frank Ednalee auto pk atdt	Los Angeles Directory Co.
1929	Shellhorn Edmund G Lottie clk h	Los Angeles Directory Co.
	FULLER John M	Los Angeles Directory Co.

### 1412 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	MADSEN Karen M	Los Angeles Directory Co.

### 1413 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HUMBERTO RAMIREZ	Cole Information Services
	LEROY HERNANDEZ	Cole Information Services
2009	RODOLFO RAMIREZ	Cole Information Services
2006	a RAMIREZ Rodolfo L	Haines Company, Inc
2004	CASIMIRO RAMIREZ	Cole Information Services
1999	RODOLFO RAMIREZ	Cole Information Services
1994	RAMIREZ, RODOLFO L	Cole Information Services
1990	RAMIREZ RODOLFO L	Pacific Bell
1986	RAMIREZ RODOLFO L	Pacific Bell
	TORRES LUIS R	Pacific Bell
1971	Rasmussen Dagmar	Pacific Telephone
1967	Camorgo Francisco P	Pacific Telephone
	Rasmussen Dagmar	Pacific Telephone
1942	Landers Lester F Berice	Los Angeles Directory Co.
	Landers Alice wid J F	Los Angeles Directory Co.
	Landers Bernita Mrs clk	Los Angeles Directory Co.
	Crittenden Robt P Myrtle baker	Los Angeles Directory Co.
1937	Prather Nelson associate Marian Mac Leod	Los Angeles Directory Co.
	MADSEN Karen M B	Los Angeles Directory Co.
1933	MADSEN Karen M B sten Co Auditor	Los Angeles Directory Co.
1929	MADSEN K M B clk Co Surveyor	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	KORN Bertha sten	Los Angeles Directory Co.
	KORN Mary	Los Angeles Directory Co.

### 1416 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DIANA WANZA	Cole Information Services
2009	DIANA WANZA	Cole Information Services
2006	WANZA Diane	Haines Company, Inc
2004	ANESTA WANZA	Cole Information Services
1999	DIANA WANZA	Cole Information Services
1994	WANZA, DIANE M	Cole Information Services
1990	WANZA D M	Pacific Bell
1986	WANZA D M	Pacific Bell
1981	WANZA D M	Pacific Telephone
1971	Wanza Anesta	Pacific Telephone
1967	Wanza Anesta	Pacific Telephone
1962	Wanza Willie B	Pacific Telephone
1958	Shaffer Herbert J	Pacific Telephone
	Reals Louise H	Pacific Telephone
1942	SHAFFER Mary E asst G I Labowe	Los Angeles Directory Co.
	SHAFFER Herbt J jr	Los Angeles Directory Co.
	SHAFFER Herbt J Lucy T auto repr	Los Angeles Directory Co.
1937	SHAFFER Herbt Lucy batterymn	Los Angeles Directory Co.
1933	SHAFFER Herbt Lucy F batteries and tires	Los Angeles Directory Co.
1929	SHAFFER Herbt J Lucy battery repr	Los Angeles Directory Co.
	h	Los Angeles Directory Co.

### 1417 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIEN MARADIAGA	Cole Information Services
2009	MARCIO PINEDA	Cole Information Services
2004	MARCIO PINEDA	Cole Information Services
1999	MARCIO PINEDA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1990	PAVON JESUS	Pacific Bell
1986	HERNANDEZ ELOISA	Pacific Bell
1981	HERNANDEZ ELOISA	Pacific Telephone
1976	Hernandez Eloisa	Pacific Telephone
1971	Hernandez Eloisa	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Hernandez Eloisa	Pacific Telephone
1962	Hernandez Eloisa	Pacific Telephone
1958	Hernandez Eloisa	Pacific Telephone
1942	HERNANDEZ Eloisa ofc nurse Alejandro Wallace	Los Angeles Directory Co.
	Gaxiola Ralph Mary slsmn	Los Angeles Directory Co.
1937	HERNANDEZ Eloisa office sec Alejandro Wallace	Los Angeles Directory Co.
1929	Hernandes Maria Mrs	Los Angeles Directory Co.
	HERNANDEZ Eloise sec Alejandro Wallace	Los Angeles Directory Co.

### 1418 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDUARDO ALEMAN	Cole Information Services
2006	COAPIO Camilo	Haines Company, Inc
	SORIANO Mada	Haines Company, Inc
2004	JOSE GARZARO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1981	FLORES A	Pacific Telephone
1971	Quetant Louise	Pacific Telephone
1962	Mc Grew R B	Pacific Telephone
1958	Mc Grew R B	Pacific Telephone
1942	MCGrew Robt B Rosetta mach LAPD	Los Angeles Directory Co.
1937	Mc GREW Jas F servmn Sou Calif Gas Co	Los Angeles Directory Co.
	Mc GREW Robt B Rosetta auto mech	Los Angeles Directory Co.
1933	Mc Grew Jas Fred Am Gas Assn	Los Angeles Directory Co.
	Mc GREW Robt B Rosetta mach LAPD	Los Angeles Directory Co.
1929	SABLE Chas jr	Los Angeles Directory Co.
	Mc GREW Robt B Rosetta auto mech LAPD	Los Angeles Directory Co.
	Mc GREW Jas F	Los Angeles Directory Co.
1924	MARTIN Carl A painter h	Los Angeles Directory Co.

### 1419 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALFONSO CISNEROS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	BERTHA RODRIGUEZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	ESCOBAR, MARIA M	Cole Information Services
	MENDOZA, ROSA A	Cole Information Services
	PORTILLO, CANDIDA R	Cole Information Services
1990	ARREDONDO ALEJANDRINA A	Pacific Bell
1986	ARREDONDO ALEJANDRINA A	Pacific Bell
1981	ARREDONDO ALEJANDRINA A	Pacific Telephone
1967	Haynes Suzanna	Pacific Telephone
1962	Escareno Rudolph	Pacific Telephone
1958	Escareno Francisco	Pacific Telephone
1942	MILLER Henry H Mary driver	Los Angeles Directory Co.
1937	Jeffries Elmer auto trmr	Los Angeles Directory Co.
	Jeffrey Elmer B Luella auto trmr	Los Angeles Directory Co.
1933	Kipke Lewie P jr Virginia chainmn City Eng	Los Angeles Directory Co.
1929	JENKS Fredk bldg supts Westinghouse Elec & Mfg Co	Los Angeles Directory Co.

### 1422 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ORLANDO POUZEAUD	Cole Information Services
2009	BLANCA ROSALES	Cole Information Services
2006	a ROSALES Blanca	Haines Company, Inc
	ROSALES BLANCA	Haines Company, Inc
2004	AURA MACILLA	Cole Information Services
1999	C CASTELLANOS	Cole Information Services
	BLANCA ROSALES	Cole Information Services
1990	FUENTES CHRISTINA	Pacific Bell
	MATAMOROS SARA	Pacific Bell
1976	Martin Myrtle	Pacific Telephone
1971	Martin Myrtle	Pacific Telephone
1942	Seachrest Lucille M clk	Los Angeles Directory Co.
	SECHRIST Jas pntr	Los Angeles Directory Co.
1937	Mc GUIRE Claude A drftsmn	Los Angeles Directory Co.
	Mc GUIRE Lena Mrs	Los Angeles Directory Co.
1933	LAWTON Geo Emma lab City Eng	Los Angeles Directory Co.
1929	Lawton Geo lab City Eng	Los Angeles Directory Co.
	Laughla Geo Emma lab	Los Angeles Directory Co.
1924	Troxler Jos barber h	Los Angeles Directory Co.
	Troxler Emma R supvsr Broadway Dept Store r	Los Angeles Directory Co.

## FINDINGS

### 1423 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARTA CHAVEZ	Cole Information Services
2009	BELL VIVIAN	Cole Information Services
2006	KING Emma	Haines Company, Inc
2004	EMMA KING	Cole Information Services
1999	BELL VIVIAN	Cole Information Services
1990	ANDERSON EMMA L	Pacific Bell
1981	ANDERSON EMMA L	Pacific Telephone
1937	SLOSSON Harold D Margt chemist	Los Angeles Directory Co.
1933	SLOSSON Harold Margt	Los Angeles Directory Co.
1929	SLOSSON Harold D Margt chemist h	Los Angeles Directory Co.

### 1424 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	IRVING GAGE	Cole Information Services
2009	IRVING GAGE	Cole Information Services
2006	JOHNSSON Gage	Haines Company, Inc
	o GAGE Irv Ing	Haines Company, Inc
2004	IRVING GAGE	Cole Information Services
1999	IRVING GAGE	Cole Information Services
1994	GAGE, IRVING	Cole Information Services
1990	GAGE IRVING	Pacific Bell
	GAGE IRVING J	Pacific Bell
1986	GAGE IRVING J	Pacific Bell
1981	GAGE IRVING J	Pacific Telephone
1976	Gage Irving J	Pacific Telephone
1971	Gage Irving J	Pacific Telephone
1967	Gage Irving J	Pacific Telephone
1962	Gage Irv Inglewood J	Pacific Telephone
1958	Richardson Mary A	Pacific Telephone
1942	JOHNSON Wm Isabel	Los Angeles Directory Co.
1937	JOHNSON Wm Belle stockmn Barker Bros	Los Angeles Directory Co.
1933	JOHNSON Wm Isabella stockmn Barker Bros	Los Angeles Directory Co.
1929	JOHNSON Wm clk	Los Angeles Directory Co.
	JOHNSON Wm Isabella stockmn	Los Angeles Directory Co.
1924	JOHNSON Wm warehsmn h	Los Angeles Directory Co.

## FINDINGS

### 1425 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MORENO BARRIENTOS	Cole Information Services
2009	JOHNNY HOMES	Cole Information Services
2006	o CUEVAS Made	Haines Company, Inc
2004	GABRIEL ROBLEDO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JOHNNY HOMES	Cole Information Services
1994	ROBLEDO, GABRIEL	Cole Information Services
1986	VARNADO BERTHA	Pacific Bell
1981	VARNADO BERTHA	Pacific Telephone
1976	Varnado Bertha	Pacific Telephone
1971	Varnado Bertha	Pacific Telephone
1967	Varnado Herbert	Pacific Telephone
1962	Varnado Herbert	Pacific Telephone
1958	Varnado Herbert	Pacific Telephone
1937	Labine Lawrence O Anna lab	Los Angeles Directory Co.
1933	Morton Claude M Bernice	Los Angeles Directory Co.
1929	Lavine Lawrence O Anna stockmn	Los Angeles Directory Co.

### 1426 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	La Bine Lawrence O Anna meter reprmn SCG Co	Los Angeles Directory Co.

### 1428 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OSCAR CASTANEDA	Cole Information Services
2009	CLARA CATANEDA	Cole Information Services
2006	a CASTANEDACatalino	Haines Company, Inc
2004	CATALINO CASTANEDA	Cole Information Services
1999	CLARA CATANEDA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	CASTANEDA, C A	Cole Information Services
	COLINDRES, OSMIN A	Cole Information Services
	CATANEDA, JUAN	Cole Information Services
1990	GARCIA CLARA	Pacific Bell
1967	Crite Anna B	Pacific Telephone
1962	Williams Otho Lee	Pacific Telephone
1958	Whitby Eric W	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Miranda Edw Margt mach	Los Angeles Directory Co.
1933	KELLY Minnie O Mrs	Los Angeles Directory Co.
1929	Mac DOUGALL Herbt Hattie lab	Los Angeles Directory Co.
1924	HENRY Kate candymkr r	Los Angeles Directory Co.
	HENRY Frank roofer h	Los Angeles Directory Co.

### 1429 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ELSTON CARR	Cole Information Services
2006	o CARRElston	Haines Company, Inc
2004	ANGEL SANCHEZ	Cole Information Services
	SILVIA ESCOBEDO	Cole Information Services
1999	ELSTON CARR	Cole Information Services
1971	Fabela Mary	Pacific Telephone
1967	Fabela Mary	Pacific Telephone
1962	Fabela Gus	Pacific Telephone
1958	Fabela Gus	Pacific Telephone
1942	DREW Raymond M Margt asst formn Armour & Co	Los Angeles Directory Co.
1937	Hemmings Richd J Eliz vulc	Los Angeles Directory Co.
	Hemmings Richd J jr auto mech	Los Angeles Directory Co.
1933	WHEELER Jeanette Mrs	Los Angeles Directory Co.

### 1430 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	R PAZ	Cole Information Services
2009	R PAZ	Cole Information Services
2006	o LEDESMAJose	Haines Company, Inc
1999	JUAN CASTANEDA	Cole Information Services
	R PAZ	Cole Information Services
1981	NELSON JAMES & PATRICIA	Pacific Telephone
1962	Gracia Mary	Pacific Telephone
1958	Moradilla Benie R	Pacific Telephone
1942	HARRIS John J Jessie carp	Los Angeles Directory Co.
	HARRIS Frank I	Los Angeles Directory Co.
1937	Cashman Gertrude H Mrs	Los Angeles Directory Co.
	Cashman Dorothy rubberwkr	Los Angeles Directory Co.
	Cashman Benj msgnr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Hogarth Emma Mrs	Los Angeles Directory Co.
1924	SHOEMAKER Gertrude sec r	Los Angeles Directory Co.
	SHOEMAKER Frank T carp h	Los Angeles Directory Co.

### 1431 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE LOPEZ	Cole Information Services
2009	JOSE LOPEZ	Cole Information Services
2006	LOPEZ Jose	Haines Company, Inc
2004	JOSE LOPEZ	Cole Information Services
1999	JOSE LOPEZ	Cole Information Services
1995	Hernandez Cesar A	Pacific Bell
1994	HERNANDEZ, CESAR A	Cole Information Services
1990	HERNANDEZ CESAR A	Pacific Bell
1976	Wesley Lizzie	Pacific Telephone
1971	Johnson Donna Louise	Pacific Telephone
1967	Maxie Alvin	Pacific Telephone
1958	Kesterson P G	Pacific Telephone
1942	Hirsh Sandy Louise driver	Los Angeles Directory Co.
1937	Jerrue Mary Mrs beauty opr	Los Angeles Directory Co.
	Landry Leona B	Los Angeles Directory Co.
1933	LEE Margie T Indywkr	Los Angeles Directory Co.
	Jerue Margt Mrs	Los Angeles Directory Co.
1929	Jerrue Clarence W firemn LAFD	Los Angeles Directory Co.
	Jerrul Clarence w Mary firemn	Los Angeles Directory Co.
1924	Jerrue Clarence W carp h	Los Angeles Directory Co.

### 1434 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ABRAM BRAVO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	MANUEL BRAVO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	o BRAVO Manuel	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	MANUEL BRAVO	Cole Information Services
1999	MANUEL BRAVO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1962	Berg Minnie	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Garza Homer	Pacific Telephone
1958	Garcia Blasa	Pacific Telephone
	Berg Minnie	Pacific Telephone
1942	Warlick David B Gertrude	Los Angeles Directory Co.
	Strausheim Adam Mildred pkr	Los Angeles Directory Co.
1937	PARRISH Jack	Los Angeles Directory Co.
1933	ZUNIGA Wm Aida concrete fnshr	Los Angeles Directory Co.
	Owens Edith	Los Angeles Directory Co.
	MASON Chris A Frances constr formn	Los Angeles Directory Co.
1929	NUNN Marle C Minnie Barber	Los Angeles Directory Co.

### 1435 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CELIA GONZALEZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	LOGAN Margaret	Haines Company, Inc
	JOHNSON Michael 323 750 6 B	Haines Company, Inc
2004	JUSTIN SHULL	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1990	THOMAS E	Pacific Bell
1981	GUIDRY RAY	Pacific Telephone
1958	Guardia Miguel A	Pacific Telephone
1942	WEBSTER Hazel M Mrs sten City Eng	Los Angeles Directory Co.
1937	WEBSTER Harry Hazel carp	Los Angeles Directory Co.
	WEBSTER Hazel M sten City Eng	Los Angeles Directory Co.
1933	WEBSTER Harry Hazel	Los Angeles Directory Co.
	WEBSTER Hazel M emp City Eng	Los Angeles Directory Co.
1924	Eberhard Mattie Mrs telep opr L A Gas & Elec Corp r	Los Angeles Directory Co.
	Eberhard Geo auto mech h	Los Angeles Directory Co.

### 1436 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ERICA REYES	Cole Information Services
2009	JOSE MEDINA	Cole Information Services
2006	MEDINA Jose	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	JOSE MEDINA	Cole Information Services
1994	HERNANDEZ, ROBERTA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	OCHOA LUIS	Pacific Bell
1986	SAMS CATHERINE D	Pacific Bell
1981	HAYES FRED	Pacific Telephone
1971	Davis Dick handyman	Pacific Telephone
1967	Davis Dick handyman	Pacific Telephone
1962	Garcia Reynaldo D	Pacific Telephone
1958	Regal Mariano P	Pacific Telephone
1942	Dreyer Ernest Alice gdnr	Los Angeles Directory Co.
1937	DREYER Ernest E Alice grdnr	Los Angeles Directory Co.
1933	Sutherland Jas D Alice lab	Los Angeles Directory Co.
	Makee Myrtle sten	Los Angeles Directory Co.
	Laman R Fae bkpr	Los Angeles Directory Co.
1929	NUNN Merrill Anna Mech	Los Angeles Directory Co.
1924	Mannis K Edgar clk h	Los Angeles Directory Co.

### 1437 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LEONER SANTOS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	LEONER SANTOS	Cole Information Services
	JOSE MENENDEZ	Cole Information Services
2006	Ye MENENDEZ Jose	Haines Company, Inc
2004	ABRAHAM ITUAH	Cole Information Services
	ASIA ATKINS	Cole Information Services
1999	LEONER SANTOS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	JOSE MENENDEZ	Cole Information Services
1976	Parhms Florine	Pacific Telephone
	Williams Ollie	Pacific Telephone
1971	Parhms Florins	Pacific Telephone
1967	Parhms Florine	Pacific Telephone
1958	Arriola Gilbert	Pacific Telephone
	Snelson Joy	Pacific Telephone
1942	MICHAELS Clarence E Bertha mach opr	Los Angeles Directory Co.
	SMITH Josephine clk	Los Angeles Directory Co.
	WILLIAMS Henry R Mona carp	Los Angeles Directory Co.
	WILLIAMS Mozelle Indywkr	Los Angeles Directory Co.
1937	LEONARD Cath Mrs	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	LEONARD Janet L compt opr	Los Angeles Directory Co.
	SAGE Ellsworth Ann auto mech	Los Angeles Directory Co.
1933	JENSEN Ruby	Los Angeles Directory Co.
	Luger Jos	Los Angeles Directory Co.
	Parkhouse Claire	Los Angeles Directory Co.
1929	HOPKINS Floyd V	Los Angeles Directory Co.
	MOORE Wm S Agnes lab h rear	Los Angeles Directory Co.

### 1438 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Makee Galen P mach	Los Angeles Directory Co.

### 1440 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAIME PENA	Cole Information Services
2009	DAVID VASQUEZ	Cole Information Services
2006	VASQUEZ David	Haines Company, Inc
2004	DAVID VASQUEZ	Cole Information Services
1999	DAVID VASQUEZ	Cole Information Services
1942	Almany Wm T Evona auto garage	Los Angeles Directory Co.
1937	Almany Wm T Hotel Garage Leeward Av Garage	Los Angeles Directory Co.
	Alany Thos W Ewanda auto mech	Los Angeles Directory Co.
1933	CANNON Stella	Los Angeles Directory Co.
	Almany Wm T Yvonne clk	Los Angeles Directory Co.
1924	Almany Wm T electr h	Los Angeles Directory Co.

### 1441 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MERCEDES MENA	Cole Information Services
	DENNIS VASQUEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	MARIA VENEGAS	Cole Information Services
2009	DENNIS VASQUEZ	Cole Information Services
	LOURDES CARINO	Cole Information Services
	ADELA VEGA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	ENEDY ORTEGA	Cole Information Services
	MITXI VARGAS	Cole Information Services
2006	HERNANDEZSandra	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VARGAS Mltxa	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	LOURDES CARINO	Cole Information Services
	ADELA VEGA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	ENEDY ORTEGA	Cole Information Services
	MITXI VARGAS	Cole Information Services
	DENNIS VASQUEZ	Cole Information Services
1994	ORTIZ, F	Cole Information Services
1971	Dowdell Norma Jean	Pacific Telephone
1967	Jones J B	Pacific Telephone
1962	Rey Clarice	Pacific Telephone
1942	ELLIOTT Florence P Mrs labtywkr C F Rehnborg	Los Angeles Directory Co.
	ELLIOTT Leroy G Florence whsmn	Los Angeles Directory Co.
	WILLIAMS Clyde Hazel carp	Los Angeles Directory Co.
	YOUNG Geo W Thelma J stereo	Los Angeles Directory Co.
1937	Engeldorf Hadley R Eugenia chauf	Los Angeles Directory Co.
	NELSON Warner Lucie slsmn	Los Angeles Directory Co.
1929	TAYLOR Thos S Mary h	Los Angeles Directory Co.
	GREEN Wm J Alice lab	Los Angeles Directory Co.
1924	Miller Allan P electr h	Los Angeles Directory Co.

### 1442 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PATRICIO SOLIS	Cole Information Services
2009	MARIA RODRIGUEZ	Cole Information Services
2006	SOUS Pabicio	Haines Company, Inc
	RODRIGUEZ Mata C	Haines Company, Inc
2004	PATRICIO SOLIS	Cole Information Services
1999	ROBERTO RODRIGUEZ	Cole Information Services
	MARIA RODRIGUEZ	Cole Information Services
1990	ROSAS PATRICIO	Pacific Bell
	SALCEDO GLORIA	Pacific Bell
1962	Holloman Fred H	Pacific Telephone
	Holloman Norma L	Pacific Telephone
1958	Steuben Ray	Pacific Telephone
1942	Soule Jas D Harriet	Los Angeles Directory Co.
	Stolz Wm Margt pntr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	CAMPBELL Harry	Los Angeles Directory Co.
1929	RANDALL Chas P Elga phone installer h	Los Angeles Directory Co.
1924	RANDALL Chas P mech h	Los Angeles Directory Co.

### 1443 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	SANDRA HERNANDEZ	Cole Information Services
	SANTIAGO CANTARERO	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	LIGIA PUERTO	Cole Information Services
	PORFIRIOS SALINAS	Cole Information Services
2006	NAVARRO Marcos	Haines Company, Inc
	SALINAS Poririos	Haines Company, Inc
	V/ PUERTO Ugia	Haines Company, Inc
2004	AGAPITO REYES	Cole Information Services
1999	LIGIA PUERTO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	PORFIRIOS SALINAS	Cole Information Services
1994	BORRAYO, R	Cole Information Services
1981	ANGUIANO OFELIA	Pacific Telephone
1967	Buckley Hattie Bell	Pacific Telephone
	Lindeman Mae Mrs	Pacific Telephone
1962	Reyburn W W	Pacific Telephone
1958	Marriott J H	Pacific Telephone
	Reyburn W W	Pacific Telephone
1942	Elder Bert L Ladonne mach	Los Angeles Directory Co.
	Lindeman Frank Maybelle cook	Los Angeles Directory Co.
1937	Lindemann Frank Mabel stone mason	Los Angeles Directory Co.
	Hofferber Fay D Dorothy rubberwkr	Los Angeles Directory Co.
1933	CHAMBERS Lou V Martha electn	Los Angeles Directory Co.
1929	Stephensen Thos slsmn h	Los Angeles Directory Co.
	SAGE Ellsworth Anna cabtmkr h	Los Angeles Directory Co.
1924	Verman Jos auto mech h	Los Angeles Directory Co.
	ROGERS Ruby E Mrs steno r	Los Angeles Directory Co.

### 1446 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CLIFFORD TAYLOR	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	LATOYA JONES	Cole Information Services
2006	ROBINSON D	Haines Company, Inc
1999	D ROBINSON	Cole Information Services
	LATOYA JONES	Cole Information Services
1967	Reals Louise H	Pacific Telephone
1962	Reals Louise H	Pacific Telephone
1942	Boan Felix C Alice shtmtlwkr	Los Angeles Directory Co.
	Boan Dealtha labeler	Los Angeles Directory Co.
1937	RANDALL Chas P Alta tel installer	Los Angeles Directory Co.
1933	CARR Arth X Lorena M auto mech	Los Angeles Directory Co.
1929	ANDERSON Theo L Mary lab	Los Angeles Directory Co.
1924	Graft Geo J collr h	Los Angeles Directory Co.

### 1447 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE MONCADA	Cole Information Services
	MARIA VENEGAS	Cole Information Services
	MARIA CABADAS	Cole Information Services
	CARLOS ARANIBA	Cole Information Services
	JOSE MENDEZ	Cole Information Services
2009	CARLOS ARANIBA	Cole Information Services
	ROSA MENA	Cole Information Services
2006	ARANIBA Car los	Haines Company, Inc
2004	MARIA CABADAS	Cole Information Services
1999	MARIA CABADAS	Cole Information Services
	ROSA MENA	Cole Information Services
	CARLOS ARANIBA	Cole Information Services
1986	ANDRADE LUIS	Pacific Bell
1971	Cage Annice	Pacific Telephone
1967	Harris Eddie L	Pacific Telephone
1962	Rubertis Rex	Pacific Telephone
1942	Modeland Hazel Mrs	Los Angeles Directory Co.
	Modeland Raymond with TG & TCo	Los Angeles Directory Co.
	REYNOLDS Edw L Anna	Los Angeles Directory Co.
	REYNOLDS Geo B mech	Los Angeles Directory Co.
1937	REYNOLDS John E Margt metalwkr	Los Angeles Directory Co.
	REYNOLDS Margt G sten Germain Seed & Piant Co	Los Angeles Directory Co.
	Schul Earl G Susie plmbr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	COX Floyd L msngr	Los Angeles Directory Co.
	COX Edith B Indywkr	Los Angeles Directory Co.
	COX Eldred B lab	Los Angeles Directory Co.
1929	NELSON Sylvester W Lillian slsmn Sears Roebuck & Co	Los Angeles Directory Co.
1924	GREENE Martha R wid W J h	Los Angeles Directory Co.

### 1448 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RICARDO MOLINA	Cole Information Services
2009	HUGHES TOSHA	Cole Information Services
2006	AKINBILE Morufu	Haines Company, Inc
2004	MARY DALE	Cole Information Services
	GABRIEL PULIDO	Cole Information Services
	KENARD HOWARD	Cole Information Services
1999	HUGHES TOSHA	Cole Information Services
1981	ROSS JO LEE	Pacific Telephone
1976	Williams C	Pacific Telephone
1971	Williams Christine	Pacific Telephone
1967	Franklin Anna Mrs	Pacific Telephone
1958	Flanigan Juanita	Pacific Telephone
	Carter Deborah	Pacific Telephone
1924	ROGERS R Edwin slsma r	Los Angeles Directory Co.

### 1449 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FERNANDO ORTIZ	Cole Information Services
2009	FERNANDO ORTIZ	Cole Information Services
2006	ORTIZ Femando	Haines Company, Inc
2004	FERNANDO ORTIZ	Cole Information Services
1999	FERNANDO ORTIZ	Cole Information Services
1994	BLANCO, ONECIMO	Cole Information Services
1990	BLANCO ONECIMO	Pacific Bell
1981	DARRELL MICHAEL & SHILREY	Pacific Telephone
1967	Wood M P	Pacific Telephone
1962	Wood M P	Pacific Telephone
1942	ISAAC Elmer Beulah clk	Los Angeles Directory Co.
	Isaacs Elmer clk	Los Angeles Directory Co.
1929	Fingerson Ernest carp	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Fingerson Ho B Indrywkr	Los Angeles Directory Co.
	Fingerson Leona sten	Los Angeles Directory Co.
	Fingerson Winifred acct	Los Angeles Directory Co.
1924	CRANDALL Arbie D painter r	Los Angeles Directory Co.

### 1450 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PORFIRIOS SALINAS	Cole Information Services
2009	BELL LIANNA	Cole Information Services
2004	JAZEL FRELO	Cole Information Services
1999	BELL LIANNA	Cole Information Services
1986	BONNER ALMA	Pacific Bell
1981	BONNER ALMA	Pacific Telephone
1967	McBee Cleo	Pacific Telephone

### 1452 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	MICHAEL ODEN	Cole Information Services
2006	ODEN Michael S	Haines Company, Inc
2004	CYNTHIA MEDRANO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	MICHAEL ODEN	Cole Information Services
1990	SELLERS CAROL A	Pacific Bell
1986	SELLERS CAROL A	Pacific Bell
1981	SELLERS CAROL A	Pacific Telephone
1971	Aho Frank	Pacific Telephone
1967	Aho Frank	Pacific Telephone
	Felix Ruben B	Pacific Telephone
1962	Aho Frank	Pacific Telephone
	Felix Ruben B	Pacific Telephone
1958	Aho Frank	Pacific Telephone
1942	INMAN Lloyd O Jane driver	Los Angeles Directory Co.
1937	Weinmann John H Lillian B steelwkr	Los Angeles Directory Co.
1933	Tisue Richd E Eloise slsmn	Los Angeles Directory Co.
	Weinmann J Henry Lillian blksmith	Los Angeles Directory Co.
1929	Weinmann John H lab h	Los Angeles Directory Co.
	Tugwell Jerry N Zelma clk h	Los Angeles Directory Co.
1924	Weinmann J H forem h	Los Angeles Directory Co.



## FINDINGS

### 1453 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	MIGUEL REYES	Cole Information Services
2006	REYES Maria	Haines Company, Inc
	SERRANO Hilda	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MIGUEL REYES	Cole Information Services
1994	SOTOORTIZ, HERMILO	Cole Information Services
1971	Eulenbach Ernst	Pacific Telephone
1967	Eulenbach Ernst	Pacific Telephone
1962	Eulenbach Ernst	Pacific Telephone
1958	Eulenbach Ernst	Pacific Telephone
1942	Melhuish Alice wid Walter	Los Angeles Directory Co.
	Melhuish Harry H Helen clk UPRRCo	Los Angeles Directory Co.
1937	Mc INTYRE Percy W clk UPSystem	Los Angeles Directory Co.
	Melhuish Alice Mrs	Los Angeles Directory Co.
1933	Melhuish Louise clk SFN Blank	Los Angeles Directory Co.
	Mc INTYRE Percy W clk	Los Angeles Directory Co.
	Melhuish Alice M slsw n	Los Angeles Directory Co.
	Melhuish Harry H clk	Los Angeles Directory Co.
1929	Mc INTYRE Percy W clk	Los Angeles Directory Co.
	Melhuish Alice Mrs slsldy	Los Angeles Directory Co.
	Melhuish Harry H clk	Los Angeles Directory Co.
1924	Melhuish Walter meat ctr h	Los Angeles Directory Co.
	Melhuish Alice M Mrs slswmn r	Los Angeles Directory Co.
	Melhuish Harry H clk r	Los Angeles Directory Co.

### 1454 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN GRANADOS	Cole Information Services
2009	GIOVANI PEREZ	Cole Information Services
2006	CASTANEDA Juan	Haines Company, Inc
	NUNEZ Maurice	Haines Company, Inc
2004	JORGE VALDEZ	Cole Information Services
1999	GIOVANI PEREZ	Cole Information Services
1962	Hill Edw E	Pacific Telephone
1958	Hill Edw E	Pacific Telephone
1942	JONES Kate W wid D W	Los Angeles Directory Co.
	HILL Edw C aircrftwkr	Los Angeles Directory Co.
	HILL Edna M bkpr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	JONES Kath W Mrs	Los Angeles Directory Co.
	HILL Edna M bkpr Mullen & Bluett Inc	Los Angeles Directory Co.
1933	JONES Kate Mrs clk	Los Angeles Directory Co.
	HILL Edna Mrs	Los Angeles Directory Co.
1929	JONES Kate adj Jacoby Bros	Los Angeles Directory Co.
	HOWELL Clara cashr Jacoby Bros	Los Angeles Directory Co.
	Differbough P Henry	Los Angeles Directory Co.

### 1455 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE CARDONA	Cole Information Services
2009	VIRGINIA CARDONA	Cole Information Services
2006	SANCHEZGuillermo	Haines Company, Inc
2004	JOSE PINA	Cole Information Services
1999	VIRGINIA CARDONA	Cole Information Services
1962	Logan Francisco	Pacific Telephone
1958	Logan Francisco	Pacific Telephone
1937	OConnell Edw Collette mach	Los Angeles Directory Co.
1929	TOWNSEND Earl W h	Los Angeles Directory Co.
	OConnell Collette E Slsldy	Los Angeles Directory Co.
1924	OConnell Edwd P pipe ftr h	Los Angeles Directory Co.

### 1456 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CAROL SELLERS	Cole Information Services
2006	e SELLERS Carol A	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	SELLERS, CAROL A	Cole Information Services
1971	Poirier Elma	Pacific Telephone
1942	OConnell Edw I Colette	Los Angeles Directory Co.

### 1459 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	LOPEZ CRUZ	Cole Information Services
2006	SANCHEZArnoldo	Haines Company, Inc
2004	FRANCISCO VILLA	Cole Information Services
1999	LOPEZ CRUZ	Cole Information Services
1971	Evangelists Frank C	Pacific Telephone
1967	Evsngelista Frank G	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Evangelista Frank G	Pacific Telephone
1958	Rasor Burty R	Pacific Telephone
1942	Bridgers Chas M Alice M	Los Angeles Directory Co.
	Banfield Jimmie wid C C	Los Angeles Directory Co.
1937	Bridgers Chas M Alice M	Los Angeles Directory Co.
1924	Cryan Margaret M bkpr Columbia Outfitting Co r	Los Angeles Directory Co.
	Cryan John T tel insp h	Los Angeles Directory Co.

### 1500 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANITA PINELO	Cole Information Services
	MARCOS CASTANEDA	Cole Information Services
	GLORIA LOWSON	Cole Information Services
2009	GLORIA LAWSON	Cole Information Services
	GLMP INC	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	ALICE PINELO	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	GLORIA LAWSON	Cole Information Services
	ALICE PINELO	Cole Information Services
1994	SMART, RACQUEL	Cole Information Services
1962	Thomas Frances	Pacific Telephone
1958	Thomas Frances	Pacific Telephone
1942	Thomas Alf J Frances custodian LA City College	Los Angeles Directory Co.
1933	FRANKLIN Paul T Clarabel bkpr	Los Angeles Directory Co.
	FRANKLIN Clara B waiter	Los Angeles Directory Co.
1929	ROBERTSON Jesse T electn r	Los Angeles Directory Co.
	ROBERTS Jesse T Pearl electn h	Los Angeles Directory Co.
1924	Wasserman Philip Am Sheet Metal Works h	Los Angeles Directory Co.

### 1501 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TANISHA PIERSON	Cole Information Services
2009	WILLIAMS JENNIFER	Cole Information Services
2006	a GOFFE Veda	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	VEDA GOFFE	Cole Information Services
1999	WILLIAMS JENNIFER	Cole Information Services
1990	VALLE S	Pacific Bell
1981	HERRERA IGNACIO	Pacific Telephone
1967	Koch Walter F	Pacific Telephone
	Rice Louise	Pacific Telephone
1958	Hueda Moases L	Pacific Telephone
1942	Monnier Floyd Dulcie	Los Angeles Directory Co.
1937	Monnier Floyd Dulcie cond	Los Angeles Directory Co.
1933	Mann Alma wid Fred	Los Angeles Directory Co.
	Monnier Floyd Dulcie cond	Los Angeles Directory Co.
1929	MANN Alma Mrs	Los Angeles Directory Co.
	Monnier Floyd Dulcie	Los Angeles Directory Co.

### 1504 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ASHLI REEVES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	LARFAE CLOUDY	Cole Information Services
2006	o CLOUDY Larfae	Haines Company, Inc
1999	LARFAE CLOUDY	Cole Information Services
1994	PENIGAR, TAMMY	Cole Information Services
1942	MURPHY Wm S fctywkr	Los Angeles Directory Co.
	MURPHY Robt F mach	Los Angeles Directory Co.
	MURPHY Francis Gladys	Los Angeles Directory Co.
	Juno Arth L Hazel clk	Los Angeles Directory Co.
	Juneau Wm E aircrftwkr	Los Angeles Directory Co.
1937	Juno Arth L clk	Los Angeles Directory Co.
	Juneau Arth L Hazel clk	Los Angeles Directory Co.
1933	Juno Arth L buyer Western Dairy Products	Los Angeles Directory Co.
	Juneau Arth L Hazel bkpr	Los Angeles Directory Co.
1929	Juno Arth L Hazel bkpr Cal Co op Crmry Co	Los Angeles Directory Co.
1924	Juno Arthur L h	Los Angeles Directory Co.

### 1505 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	STEPHANIE ALEMAN	Cole Information Services
	B OSEGUEDA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ISAIAS VEGA	Cole Information Services
2009	ISAIAS VEGA	Cole Information Services
2006	VEGA Isaleas VA OSEGUERAMAEDA L	Haines Company, Inc
2004	B OSEGUEDA	Cole Information Services
	ISAIAS VEGA	Cole Information Services
1999	ISAIAS VEGA	Cole Information Services
1981	GOMEZ MARCOS	Pacific Telephone
1958	Geck Catalina N Mrs	Pacific Telephone
	Montes Alicia G Mrs	Pacific Telephone
	Montes Jose J	Pacific Telephone
1942	Pace Gordon C Edna plmbr	Los Angeles Directory Co.
	PARSONS Floyd W Eunice sta atdt	Los Angeles Directory Co.
1937	Mc INTYRE Frank A plstr	Los Angeles Directory Co.
	Mc LANE Cora Mrs	Los Angeles Directory Co.
	DAVIE Ira lab	Los Angeles Directory Co.
	Mc INTYRE Florence H Mrs	Los Angeles Directory Co.
1933	Mc INTYRE Geo carp	Los Angeles Directory Co.
1929	Dixon Chas W	Los Angeles Directory Co.
	FARRELL Frank Josephine slsmn	Los Angeles Directory Co.
	Marshall Carl	Los Angeles Directory Co.
1924	Mc INTYRE Geo E bldg contr r	Los Angeles Directory Co.
	Mc INTYRE Wm A bldg contr h	Los Angeles Directory Co.

### 1116 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	CHENAULT REED	Pacific Telephone

### 1118 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	SHAHID SHUKRIYYAN B	Pacific Telephone

### 1120 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WILSON BETTY	Pacific Bell

### 1124 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WARD MARY	Pacific Bell

## FINDINGS

### 1210 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	TERVALON HILLARY L	Pacific Bell

### 1304 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	PENALOZA JOSE A	Pacific Bell

### 1325 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LATHA JAS	Pacific Bell

### 1437 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MARTINEZ CARMEN	Pacific Bell

### 1441 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ORTIZ FERNANDO	Pacific Bell

### 1441 1/4 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	LUNA IGNACIO L	Pacific Bell

### 1441 3/4 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	VERDUZCO MANUEL	Pacific Bell

### 1443 1/4 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ANAYA CARLOS	Pacific Telephone

### 1447 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GONZALES RICARDO	Pacific Bell

### 1452 1/2 W 58TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	THOMPSON PHYLLIS	Pacific Telephone

## FINDINGS

### **W 58TH ST**

#### **1100 W 58TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2009	WALTER DURAN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	LAURA TORRES	Cole Information Services
1999	WALTER DURAN	Cole Information Services
1967	Allen Jos C	Pacific Telephone
1958	Thompson Roy G	Pacific Telephone

#### **1101 W 58TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	ANA QUINTERO	Cole Information Services
2009	TERESA HARO	Cole Information Services
2006	e CORMIADamon	Haines Company, Inc
1999	TERESA HARO	Cole Information Services
1994	ASHLEY, K	Cole Information Services
1958	Milligans Lawnmower Repairing	Pacific Telephone

#### **1104 W 58TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	GWEN COLE	Cole Information Services
2009	ALFRED WILLIAMS	Cole Information Services
2006	e WARDEN Harold W	Haines Company, Inc
2004	SOPHIE WARDEN	Cole Information Services
1999	ALFRED WILLIAMS	Cole Information Services
1994	WARDEN, HAROLD W	Cole Information Services
1958	Jackson Daisy	Pacific Telephone

#### **1105 W 58TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	JAIME GAMERO	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	CARL MCGEHEE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

#### **1108 W 58TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2009	JOSE MARGANA	Cole Information Services
2006	e MAGANAJose	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CRUZAAmanc lo	Haines Company, Inc
2004	JOSE MAGANA	Cole Information Services
1999	JOSE MARGANA	Cole Information Services
	JASPER HARRIS	Cole Information Services

### 1109 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAUL BARRERA	Cole Information Services
2009	WALTER DUBON	Cole Information Services
2006	MARTINEZ William	Haines Company, Inc
	DUBON Walter	Haines Company, Inc
	o BARRERARaul a	Haines Company, Inc
2004	RAUL BARRERA	Cole Information Services
1999	WALTER DUBON	Cole Information Services
1958	Edwards W Hal	Pacific Telephone

### 1112 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	AMELIA MITCHELL	Cole Information Services
2009	BERNARD MITCHELL	Cole Information Services
2006	MITCHELL M	Haines Company, Inc
2004	BURNIS MITCHELL	Cole Information Services
1999	BERNARD MITCHELL	Cole Information Services
1995	Mitchell M	Pacific Bell
1994	MITCHELL, M	Cole Information Services
1976	Mitchell M	Pacific Telephone
1967	Mitchell Burnis	Pacific Telephone
	Mitchell Martha	Pacific Telephone
1958	Lucas Henry	Pacific Telephone

### 1113 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOVEL MORAN	Cole Information Services
2009	TOMAS AGUILERA	Cole Information Services
2006	e AGUILERASera	Haines Company, Inc
2004	TOMAS AGUILERA	Cole Information Services
1999	TOMAS AGUILERA	Cole Information Services
1994	CRUZ, JOSE L	Cole Information Services
1958	Jones Earnest Sqt	Pacific Telephone



## FINDINGS

### 1116 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GREGORIO ALVAREZ	Cole Information Services
2009	GREGORIO ALVAREZ	Cole Information Services
2006	s ALVAREZGragorlo a	Haines Company, Inc
2004	EVA CERVANTES	Cole Information Services
	GREGORIO ALVAREZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	GREGORIO ALVAREZ	Cole Information Services
1967	Green Nona	Pacific Telephone
1958	Burns Edw P	Pacific Telephone

### 1119 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HUMBERTO ROMERO	Cole Information Services
2009	HUMBERTO ROMERO	Cole Information Services
2006	ROMERO Humberto a	Haines Company, Inc
2004	HUMBERTO ROMERO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	HUMBERTO ROMERO	Cole Information Services
1967	Buchanan Michael A	Pacific Telephone
	Buchanan Aubruna A	Pacific Telephone
1958	Buchanan Aubruna A	Pacific Telephone

### 1120 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANTOINE IRBY	Cole Information Services
2009	RALEIGH IRBY	Cole Information Services
2006	a CARDELIrby	Haines Company, Inc
2004	RALEIGH IRBY	Cole Information Services
1999	RALEIGH IRBY	Cole Information Services
1976	Irby Cardel Jas Jr	Pacific Telephone
1967	Guerrero Jenny	Pacific Telephone
1958	Guerrero Dolores	Pacific Telephone

### 1124 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EUGENE GARCIA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Krumsiek Mima M	Pacific Telephone
1958	Krumsiek Mima M	Pacific Telephone

### 1125 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LESBOURNE BAINBRIDGE	Cole Information Services
2009	SAMUEL BAINBRIDGE	Cole Information Services
2006	Lesboume BAINBRIDGE	Haines Company, Inc Haines Company, Inc
2004	LESBOURNE BAINBRIDGE	Cole Information Services
1999	SAMUEL BAINBRIDGE	Cole Information Services
1958	Berouty Elair	Pacific Telephone

### 1128 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERT FLOYD	Cole Information Services
2009	AGNES FLOYD	Cole Information Services
2006	e FLOYD Robert	Haines Company, Inc
2004	AGNES FLOYD	Cole Information Services
1999	AGNES FLOYD	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 1129 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARGARET MCCULLOM	Cole Information Services
2009	MARGARET MCCULLOM	Cole Information Services
2004	MARGARET MCCULLOM MIGUEL LOPEZ	Cole Information Services Cole Information Services
1999	MARGARET MCCULLOM	Cole Information Services
1976	Mc Cullom Margaret	Pacific Telephone
1967	McCullom Margaret McCullom Kenneth	Pacific Telephone Pacific Telephone

### 1132 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SAMUEL PACE	Cole Information Services
2009	DONETHYA PACE	Cole Information Services
2006	GOODMAN G	Haines Company, Inc
2004	DARYL GOODMAN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	DONETHYA PACE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	GREENE, F I	Cole Information Services
1976	Greene F I	Pacific Telephone
1967	Green Fannie	Pacific Telephone

### 1133 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOE WILLIAMS	Cole Information Services
2009	JOE WILLIAMS	Cole Information Services
2006	WILLIAMS John	Haines Company, Inc
2004	JOE WILLIAMS	Cole Information Services
1999	JOE WILLIAMS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1976	Dunbar Sidney A	Pacific Telephone
1967	Dunbar Annie Owens	Pacific Telephone
1958	Franklin Herman F	Pacific Telephone

### 1136 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SERGIO BOCANEGRA	Cole Information Services
2009	STEPHANIE VASQUEZ	Cole Information Services
2006	a CALIXTOLId Ia	Haines Company, Inc
2004	DENNIS KANE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	STEPHANIE VASQUEZ	Cole Information Services
1967	Hom G	Pacific Telephone
1958	Wong W D	Pacific Telephone

### 1137 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROCHELLE STOKES	Cole Information Services
2009	OLIVE ADAMS	Cole Information Services
2006	STOKES Rochelle	Haines Company, Inc
	ADAMS Olvis	Haines Company, Inc
2004	OLIVE ADAMS	Cole Information Services
1999	OLIVE ADAMS	Cole Information Services
1994	ADAMS, WILLIE A	Cole Information Services
1976	Adams Olive	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Adams Willie A	Pacific Telephone
1967	Adams Willie A	Pacific Telephone
	Adams Olive	Pacific Telephone
1958	Adams Willie A	Pacific Telephone
	Adams Olive	Pacific Telephone

### 1140 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MAYRA GARCIA	Cole Information Services
2009	MAYRA GARCIA	Cole Information Services
2006	COVARRUBIAS Bryan	Haines Company, Inc
2004	CONSTANCIO NIEVES	Cole Information Services
1999	MAYRA GARCIA	Cole Information Services
1967	Ferner Edith	Pacific Telephone
1958	Ferner Edith	Pacific Telephone

### 1141 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JULIO LOPEZ	Cole Information Services
2009	MANUEL MONTOYA	Cole Information Services
2006	a CONTRERAS Mar lo	Haines Company, Inc
	OSORIO Ros L	Haines Company, Inc
2004	HECTOR GIOVANNI	Cole Information Services
1999	MANUEL MONTOYA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Christmas Lena	Pacific Telephone

### 1143 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	SANDRA MORALES	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	SANDRA MORALES	Cole Information Services
	ROSA MATUTE	Cole Information Services
1999	SANDRA MORALES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 1144 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HERIBERTO AMEZCUA	Cole Information Services
2009	HERIBERTO AMEZCUA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LIVINGSTON Bemice	Haines Company, Inc
2004	NETTIE LIVINGSTON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	HERIBERTO AMEZCUA	Cole Information Services
1995	Livingston Dorsey Jr	Pacific Bell
1994	LIVINGSTON, DORSEY	Cole Information Services
1976	Livingston Dorsey Jr	Pacific Telephone
1967	Livingston Dorsey Jr	Pacific Telephone

### 1145 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OSWALD BRUCE	Cole Information Services
2009	OSWALD BRUCE	Cole Information Services
2006	BRUCEOswald	Haines Company, Inc
2004	OSWALD BRUCE	Cole Information Services
1999	OSWALD BRUCE	Cole Information Services
1994	BRUCE, OSWALD	Cole Information Services
1967	Steinbock Leo E	Pacific Telephone
1958	Steinbock Leo E	Pacific Telephone

### 1147 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Wilson S E	Pacific Telephone

### 1148 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FIDEL FUENTES	Cole Information Services
2009	FIDEL FUENTES	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	FIDEL FUENTES	Cole Information Services
1999	FIDEL FUENTES	Cole Information Services
1976	Lee Elliott	Pacific Telephone
1958	Lee Elliot	Pacific Telephone

### 1149 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DORA GUTIERREZ	Cole Information Services
	YANIK JAMBULSKY	Cole Information Services
2009	JAN PRESLEY	Cole Information Services
2006	a PRESLEY Jan	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JAMES PRESSLEY	Cole Information Services
1999	JAN PRESLEY	Cole Information Services
1994	HARPER, M D	Cole Information Services
	JONES, S	Cole Information Services
1976	Harper Marjorie D	Pacific Telephone
1967	Harper Marjorie D	Pacific Telephone
1958	Harper Marjorie O	Pacific Telephone

### 1151 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA ARROYO	Cole Information Services
2009	PEDRO CRUZ	Cole Information Services
2006	a MIRRAFATI David	Haines Company, Inc
2004	JOSEFINA GUDINO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	PEDRO CRUZ	Cole Information Services

### 1152 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARCIANO CASTILLO	Cole Information Services
2009	LUIS MARTINEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	JASMINE TAYLOR	Cole Information Services
1999	LUIS MARTINEZ	Cole Information Services
1976	Palmer Clarence	Pacific Telephone

### 1153 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SAL CASTRO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	COHRAN, JOHN	Cole Information Services
1976	Cohran John C	Pacific Telephone
1958	Paige J H	Pacific Telephone

### 1156 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ADOLFO GALLEGOS	Cole Information Services
2009	ADOLFO GALLEGOS	Cole Information Services
2006	GALLEGOS	Haines Company, Inc
	ROOFING	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GALLEGOS N	Haines Company, Inc
2004	GALLEGOS ROOFING CO	Cole Information Services
	NATIVIDAD LOPEZ	Cole Information Services
1999	ADOLFO GALLEGOS	Cole Information Services
1958	Guerrero Gilbert G	Pacific Telephone

### 1158 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EARL JONES	Cole Information Services

### 1162 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Nikkari Chas W	Pacific Telephone

### 1207 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DANIEL VAZQUEZ	Cole Information Services
	PABLO AMEZCUA	Cole Information Services
2009	PABLO AMEZCUA	Cole Information Services
	MARICELA VAZQUEZ	Cole Information Services
2006	a AMEZCUAPa No	Haines Company, Inc
2004	PABLO AMEZCUA	Cole Information Services
1999	PABLO AMEZCUA	Cole Information Services
	MARICELA VAZQUEZ	Cole Information Services
1976	Henderson Booker T	Pacific Telephone
1967	Henderson Booker T	Pacific Telephone
1958	Henderson Booker T	Pacific Telephone

### 1211 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	SANTIAGO ANAYA	Cole Information Services
2006	ANAYA Santiago	Haines Company, Inc
	GALEAS Lisselte	Haines Company, Inc
2004	LISSETTE GALEAS	Cole Information Services
1999	SANTIAGO ANAYA	Cole Information Services
1976	Drummonds Georgia	Pacific Telephone

### 1212 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALL ROOFING & BUILDING	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LESCO MATERIAL CORP	Cole Information Services
2009	ALL ROOFING	Cole Information Services
2006	LESCO MATERIAL LESSEL AL A L L ROOFING&	Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	LESCO MATERIAL CORP	Cole Information Services
1999	ALL ROOFING & BUILDING MATERIALS CORPORATION	Cole Information Services
1995	A L L Roofing & Building Materials Corp	Pacific Bell
1994	LESCO MATERIAL CORP ALL ROOFING & BUILDING CORP	Cole Information Services Cole Information Services
1985	A L L Roofing & Building Materials Corp	Pacific Bell
1980	A L L ROOFING & BUILDING MATERIALS CORP	Pacific Telephone
1976	Lesel A Los Angeles L L Roofing & Building Materials Corp LESCO MATERIAL CORP ALL ROOFING & BUILDING MATERIALS CORP A L L ROOFING & BUILDING MATERIALS CORP	Pacific Telephone Pacific Telephone Pacific Telephone Pacific Telephone
1975	A L L ROOFING & BUILDING MATERIALS CORP	Pacific Telephone
1967	Lesel A L A L L Roofing & Building L Materials Corp LESCO MATERIAL CORP ALL ROOFING & BUILDING MATERIALS CORP A L L ROOFING & BUILDING MATERIALS CORP	Pacific Telephone Pacific Telephone Pacific Telephone Pacific Telephone
1958	Lesco Material Corp Higdon C L Mrs	Pacific Telephone Pacific Telephone

### 1213 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SANTIAGO ANAYA	Cole Information Services
2009	ALICIA ANAYA	Cole Information Services
2006	ANAYAAlic Ia	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ALICIA ANAYA	Cole Information Services
1976	Turner K M	Pacific Telephone
1958	Franklin Melvin	Pacific Telephone



## FINDINGS

### 1214 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	LARRY BROUSSARD	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1215 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUNIOR PERAZA	Cole Information Services
2009	ARCADIO PERAZA	Cole Information Services
2006	a RIVERAJaeime	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ARCADIO PERAZA	Cole Information Services
1976	Mc Clintock Monroe Earl	Pacific Telephone
1967	McClintock Monroe Earl	Pacific Telephone
1958	Mc Clintock Monroe Earl	Pacific Telephone

### 1223 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	DOROTHY MASSEY	Cole Information Services
2004	DOROTHY MASSEY	Cole Information Services
1999	DOROTHY MASSEY	Cole Information Services
1967	Lockett Naomi	Pacific Telephone
1958	Powell Russel H	Pacific Telephone
	Long Earlie	Pacific Telephone

### 1225 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Combs Daisey	Pacific Telephone
	Combs Andrew J	Pacific Telephone

### 1226 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	ALTA FRASER EDWARDS CO	Pacific Telephone
	Alta Roofing Co	Pacific Telephone

### 1227 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
1958	Joiner Ed	Pacific Telephone

## FINDINGS

### 1233 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Willoughby Gerald A	Pacific Telephone
	McCalman Robt	Pacific Telephone
	Scott Mary F	Pacific Telephone
	Scott Moses	Pacific Telephone

### 1234 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Orwan Roofing Co	Pacific Telephone
1967	Marcy Transportation Co	Pacific Telephone
	Rapid Trucking Co	Pacific Telephone

### 1235 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Breaux Henry Jas	Pacific Telephone
	Breaux Bernadine	Pacific Telephone

### 1237 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Bell Collin Jr	Pacific Telephone

### 1242 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LAURA THORTON	Cole Information Services

### 1245 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Guidry Tolor	Pacific Telephone

### 1249 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SANTIAGO GONZALEZ	Cole Information Services
2009	GRISELDA HUERTA	Cole Information Services
	DALIA GUERRERO	Cole Information Services
2006	a GONZALEZ Santiago	Haines Company, Inc
2004	DALIA GUERRERO	Cole Information Services
	GRISELDA HUERTA	Cole Information Services
	SANTIAGO GONZALEZ	Cole Information Services
1999	DALIA GUERRERO	Cole Information Services
	GRISELDA HUERTA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Spendlove AI	Pacific Telephone

### 1255 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARLENE EVANS	Cole Information Services
2009	MARIA ALAIZ	Cole Information Services
2006	ALAIZMada	Haines Company, Inc
	a GOMEZJusto	Haines Company, Inc
2004	ENCARNACI MICHEL	Cole Information Services
	ERICK JAUREGUI	Cole Information Services
	JORGE GOMEZ	Cole Information Services
	KAREN MENDOZA	Cole Information Services
	M ARANJO	Cole Information Services
1999	MARIA ALAIZ	Cole Information Services
1976	Sutton Elizabeth	Pacific Telephone
1958	Washington Booker T	Pacific Telephone

### 1257 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE SAAVEDRA	Cole Information Services
2009	TANIA HERNANDEZ	Cole Information Services
1999	TANIA HERNANDEZ	Cole Information Services

### 1258 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	FOSTER PLANING MILL CO	Cole Information Services
2006	FOSTER PLANING	Haines Company, Inc
2004	FOSTER PLANING MILL CO	Cole Information Services
1999	FOSTER PLANING MILL COMPANY	Cole Information Services
1994	FOSTER PLANING MILL CO	Cole Information Services
1976	FOSTER PLANING MILL CO	Pacific Telephone
1967	FOSTER E W PLANING MILL CO	Pacific Telephone
	Foster Planing Mill Co Foster E W Planing Mill Co	Pacific Telephone
1958	FOSTER E W PLANING MILL CO	Pacific Telephone
	Foster Planing Mill Co Foster E W Planing Mill Co	Pacific Telephone

### 1259 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PAULA ALVARADO	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ANGELINA ALAY	Cole Information Services
2006	a CONTRERAS Marcela	Haines Company, Inc
1999	ANGELINA ALAY	Cole Information Services
1976	Jordan Barbara	Pacific Telephone
1958	Stevens Carolyn H	Pacific Telephone

### 1263 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARTIN SANCHEZ	Cole Information Services
2009	MARTIN SANCHEZ	Cole Information Services
2006	a SILVA Mert Hn CRUZOsvelto	Haines Company, Inc Haines Company, Inc
2004	MARTIN SILVA	Cole Information Services
1999	MARTIN SANCHEZ	Cole Information Services
1967	Hunter Lester T	Pacific Telephone

### 1265 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SANCHEZ PEREZ	Cole Information Services
2009	SANCHEZ PEREZ	Cole Information Services
2006	VILLAGOMEZ Laura	Haines Company, Inc
1999	SANCHEZ PEREZ	Cole Information Services

### 1301 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FRANSISCO VARGAS OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
2009	FRANSISCO VARGAS	Cole Information Services
2006	a RIDGEWAY Linda VARGAS Francisco	Haines Company, Inc Haines Company, Inc
2004	FRANSISCO VARGAS LINDA RIDGEWAY	Cole Information Services Cole Information Services
1999	FRANSISCO VARGAS	Cole Information Services
1967	Gaines Dorothy	Pacific Telephone
1958	Hawk Billy Hawk Ruby	Pacific Telephone Pacific Telephone

### 1305 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VICTOR AREVALO	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DAISY HERNANDEZ	Cole Information Services
	ROSALIA REYES	Cole Information Services
	BRIDGETT ZELAYA	Cole Information Services
	TOMAS NUNEZ	Cole Information Services
2009	ROSALIA REYES	Cole Information Services
	DANELIA NUNEZ	Cole Information Services
	A AREVALO	Cole Information Services
	DAISY HERNANDEZ	Cole Information Services
	CHRISTIAN ALARCON	Cole Information Services
2006	AREVALO AMELIA	Cole Information Services
	Aurora	Haines Company, Inc
	GAITAN Clods E	Haines Company, Inc
2004	GRANDE Mafla	Haines Company, Inc
	MANUEL GRANDE	Cole Information Services
1999	CLORIS GAITAN	Cole Information Services
	DAISY HERNANDEZ	Cole Information Services
1976	DANELIA NUNEZ	Cole Information Services
	A AREVALO	Cole Information Services
	CHRISTIAN ALARCON	Cole Information Services
	AREVALO AMELIA	Cole Information Services
	ROSALIA REYES	Cole Information Services
1976	Price Ruth	Pacific Telephone
	Richardson Lorraine	Pacific Telephone

### 1306 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Marks Paul contr	Pacific Telephone

### 1307 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Byrd Lyda	Pacific Telephone

### 1309 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN HENRIQUEZ	Cole Information Services
	MARIA DEPAZ	Cole Information Services
2009	MILAGRO GRANDE	Cole Information Services
	JUAN HENRIQUEZ	Cole Information Services
2006	SALGUERO Mada S	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ENRIQUEZB	Haines Company, Inc
	GRANDE Milagra	Haines Company, Inc
2004	BLANCA ENRIQUEZ	Cole Information Services
	ALMA LUNA	Cole Information Services
	MILAGRO GRANDE	Cole Information Services
	JULIO PALCIOS	Cole Information Services
	JUAN HENRIQUEZ	Cole Information Services
1999	MILAGRO GRANDE	Cole Information Services
	JUAN HENRIQUEZ	Cole Information Services
1994	CABRERA, ANTONIO	Cole Information Services
1967	Carnes Willie D	Pacific Telephone
	Johnson Berdi A	Pacific Telephone
1958	Edwards Nellie	Pacific Telephone
	Roby Clara	Pacific Telephone
	Mason Roy L	Pacific Telephone

### 1313 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CHARLESETTA ALLEN	Cole Information Services
2009	CHARLESETTA ALLEN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	TONYA ALLEN	Cole Information Services
1999	CHARLESETTA ALLEN	Cole Information Services
1976	Simmons Jimmie	Pacific Telephone
1958	Gray Viola	Pacific Telephone

### 1315 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	THOMAS PRINCE	Cole Information Services
2009	J FERGURSON	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	J FERGURSON	Cole Information Services
1967	Skinner Nolan	Pacific Telephone
	Skinner Nolan	Pacific Telephone

### 1316 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

### 1317 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JAMES SINGER	Cole Information Services
2006	No Current Listing	Haines Company, Inc
1999	JAMES SINGER	Cole Information Services

### 1318 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a DUSSETT Freddie L	Haines Company, Inc
1994	BOB NAJIEBS HAULING & CLEANUP	Cole Information Services
1976	Riness Roof Co	Pacific Telephone
	AMERICAN ROOFING CO	Pacific Telephone
1967	Federal Roofing Co	Pacific Telephone
	ALTA ROOFING CO	Pacific Telephone
	ALTA FRASER EDWARDS CO	Pacific Telephone
	ALTA INDUSTRIAL FLOORS INC	Pacific Telephone
1958	All Roofing & Building Materials Corp	Pacific Telephone
	A L L Roofing & Building Materials Corp	Pacific Telephone

### 1319 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LOPEZYolanda	Haines Company, Inc
	a AXUME Rolando	Haines Company, Inc
2004	MARTIN GARCIA	Cole Information Services
1994	ARCE, HAYDEE	Cole Information Services
1976	Wright Willie	Pacific Telephone
1967	Wallace Eddy Mae	Pacific Telephone

### 1320 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1321 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROLANDO AXUME	Cole Information Services
2009	ROLANDO AXUME	Cole Information Services
2006	a AXUME R	Haines Company, Inc
2004	ROLANDO AXUME	Cole Information Services
1999	ROLANDO AXUME	Cole Information Services
1976	Hill Sonya D	Pacific Telephone

## FINDINGS

### 1323 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DAYSI SALINAS	Cole Information Services
2009	FARIST THOMAS	Cole Information Services
2006	a ALVARENGA Santos	Haines Company, Inc
1999	FARIST THOMAS	Cole Information Services

### 1325 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DELIA OROZCO	Cole Information Services
2009	DELIA OROZCO	Cole Information Services
1999	DELIA OROZCO	Cole Information Services

### 1327 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	STARLING RICHARDSON	Cole Information Services
2006	Domthy M EDWARDS R Ys RICHARDSON	Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	STARLING RICHARDSON	Cole Information Services
1999	STARLING RICHARDSON	Cole Information Services
1994	RICHARDSON, DOROTHY M	Cole Information Services
1976	Richardson Arthur	Pacific Telephone
1967	Richardson Starling	Pacific Telephone
1958	Richardson Starling	Pacific Telephone

### 1331 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARQUEL JOHNSON	Cole Information Services
2009	MARY SMITH	Cole Information Services
2006	STEPEN Mable	Haines Company, Inc
1999	MARY SMITH	Cole Information Services

### 1333 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MABLE STEPHEN	Cole Information Services
2009	MABLE STEPHEN	Cole Information Services
2006	STEPHEN M	Haines Company, Inc
2004	MABLE STEPHEN	Cole Information Services
1999	MABLE STEPHEN	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	STEPHEN, MABLE	Cole Information Services
1976	Stephen Earl	Pacific Telephone
1967	Stephen Earl	Pacific Telephone

### 1335 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GUILLERMO QUEZADA	Cole Information Services
2009	SANTOS CANAS	Cole Information Services
2006	CANAS Marle	Haines Company, Inc
2004	RHENDA CURRY	Cole Information Services
1999	SANTOS CANAS	Cole Information Services
1958	Mc Cleary Robt L	Pacific Telephone

### 1337 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DEYSI LOEZA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Neal Ellsworth	Pacific Telephone
1958	Gonzales Baldomero	Pacific Telephone

### 1339 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MATIAS BELTRAN	Cole Information Services
2009	FRANCISCO GARCIA	Cole Information Services
2006	a BELTRAN Mates GARCIA Frandcso	Haines Company, Inc Haines Company, Inc
2004	MATIAS BELTRAN	Cole Information Services
1999	FRANCISCO GARCIA	Cole Information Services
1967	Jackson Hardiman	Pacific Telephone
1958	Pettit Wm J	Pacific Telephone

### 1340 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	TROY MARTINEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
1999	TROY MARTINEZ	Cole Information Services

## FINDINGS

### 1343 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	AQUISTA TAYLOR	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	MCCREARY Phyllis a DONESTER Arthur	Haines Company, Inc Haines Company, Inc
2004	ARTHUR DONESTER	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Speight Billie Jean Speight Robt E	Pacific Telephone Pacific Telephone
1958	Wildasin Louesa Wildasin Magdalena N	Pacific Telephone Pacific Telephone

### 1347 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	CARLOS CRUZ	Cole Information Services
2006	CRUZ Yolanda A	Haines Company, Inc
2004	CARLOS CRUZ	Cole Information Services
1999	OCCUPANT UNKNOWN CARLOS CRUZ	Cole Information Services Cole Information Services
1994	WILLIAMS, ESIC	Cole Information Services
1976	Schueser C H	Pacific Telephone
1967	Schuessler C H	Pacific Telephone
1958	Schuessler C H	Pacific Telephone

### 1351 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JOSE CRUZ	Cole Information Services
2006	a CRUZ Juan	Haines Company, Inc
2004	JOSE CRUZ	Cole Information Services
1999	JOSE CRUZ	Cole Information Services
1976	Mc Manus Edith M	Pacific Telephone
1967	McManus Edith N	Pacific Telephone
1958	Mc Manus Edith M	Pacific Telephone

### 1354 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	DEBORAH JOHNSON	Cole Information Services
2004	DEBORAH JOHNSON	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	DEBORAH JOHNSON	Cole Information Services

### 1355 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NORMANDIE SMOG CENTER	Cole Information Services
2006	NORMANDIESMOG CENTER	Haines Company, Inc Haines Company, Inc
2004	NORMANDIE SMOG CTR OCCUPANT UNKNOWN LOS TRES AMIGOS	Cole Information Services Cole Information Services Cole Information Services

### 1414 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Christmas Lena	Pacific Telephone

### 1415 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA TORRES OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
2009	OCCUPANT UNKNOWN HERLINDA TORRES	Cole Information Services Cole Information Services
2006	AVILARicardo Va GOMEZ Francisco	Haines Company, Inc Haines Company, Inc
2004	MARIA TORRES HARMIDA LOZANO	Cole Information Services Cole Information Services
1999	OCCUPANT UNKNOWN HERLINDA TORRES	Cole Information Services Cole Information Services
1958	Mathews Pearle G	Pacific Telephone

### 1417 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ALFREDO MELENDEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	ALFREDO MELENDEZ	Cole Information Services
1999	ALFREDO MELENDEZ OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
1967	Knox Ernestine	Pacific Telephone

## FINDINGS

### 1418 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Edwards Herlan H	Pacific Telephone

### 1421 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE GONZALEZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	GONZALEZ Jose	Haines Company, Inc
2004	JOSE GONZALEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	VASQUEZ, JOEL	Cole Information Services
	MALDONADO, MANUEL	Cole Information Services

### 1424 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SATURNINO BERRIOS	Cole Information Services
2009	SATURNINO DIAZ	Cole Information Services
2006	DIAZ Satumino	Haines Company, Inc
2004	YANIRA DIAZ	Cole Information Services
1999	SATURNINO DIAZ	Cole Information Services
1976	Kaigler Clarence	Pacific Telephone
1967	Kaigler Clarence	Pacific Telephone

### 1425 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OLGA SMITH	Cole Information Services
2009	OLGA SMITH	Cole Information Services
2006	SMITH Olga	Haines Company, Inc
	PINKETireran	Haines Company, Inc
2004	OLGA SMITH	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	OLGA SMITH	Cole Information Services
1958	Hardridge Jack C	Pacific Telephone

### 1428 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HARVEY MACKEY	Cole Information Services
2006	a MACKEY Harvey	Haines Company, Inc
1999	HARVEY MACKEY	Cole Information Services
1967	Afflalo Esmie	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Soto Hilario C	Pacific Telephone

### 1429 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FEDERICO CASTILLO	Cole Information Services
2009	SILVIA RAMOS	Cole Information Services
	JOSE CASTRO	Cole Information Services
2006	CASTRO Jose	Haines Company, Inc
2004	ANA CASTRO	Cole Information Services
1999	SILVIA RAMOS	Cole Information Services
	JOSE CASTRO	Cole Information Services
1976	Morris Fannie	Pacific Telephone
1958	Smith Odis	Pacific Telephone

### 1432 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MILDRED COOK	Cole Information Services
2009	MILDRED CROOK	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	MILDRED CROOK	Cole Information Services
1999	MILDRED CROOK	Cole Information Services

### 1433 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALI MELENDEZ	Cole Information Services
2009	ESTRELLA PEDRO	Cole Information Services
2004	SEBASTIAN LANDA	Cole Information Services
1999	ESTRELLA PEDRO	Cole Information Services
1994	COTTONHAM, JOHN	Cole Information Services
1958	Madsen Carl	Pacific Telephone

### 1434 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ARTHUR HARBIN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	ARTHUR HARBIN	Cole Information Services
1999	ARTHUR HARBIN	Cole Information Services
1958	Walton Edw	Pacific Telephone

## FINDINGS

### 1435 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ANA VILLALTA	Cole Information Services
2006	AREVALO Maximllian	Haines Company, Inc
1999	ANA VILLALTA	Cole Information Services

### 1436 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARCO PEREZ	Cole Information Services
2009	CHRISTOPHER MINES	Cole Information Services
2006	No Current Listing	Haines Company, Inc
1999	CHRISTOPHER MINES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Liptow Anna	Pacific Telephone
1958	Liptow Anna	Pacific Telephone

### 1437 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERTO MUNOZ	Cole Information Services
2009	ROBERTO MUNOZ	Cole Information Services
2006	MUNOZ Roberto A 323 758 2850w	Haines Company, Inc
2004	GRIMILDA LOPEZ	Cole Information Services
1999	ROBERTO MUNOZ	Cole Information Services
1994	MUNOZ, ROBERTO A	Cole Information Services
1976	Gaines Holsey Lee	Pacific Telephone
1967	Hinton Norman A	Pacific Telephone
	Hinton Betty F	Pacific Telephone
1958	Murphy J Harold	Pacific Telephone

### 1439 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARY LOCKHART	Cole Information Services

### 1440 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CURTIS MALONE	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a MALONECur Es	Haines Company, Inc
2004	GOILLA MALONE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

### 1441 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ENEDY ORTEGA	Cole Information Services
2009	TEDDY OSBORNE	Cole Information Services
2006	a OSBORNEChartes C	Haines Company, Inc
2004	CHARLES OSBORNE	Cole Information Services
1999	TEDDY OSBORNE	Cole Information Services
1958	Osborne Chas C	Pacific Telephone

### 1442 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1444 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAYMOND AMAYA	Cole Information Services
2009	DEYSI AMAYA	Cole Information Services
2006	a LOPEZAdoto a	Haines Company, Inc
2004	DANIEL HENRIQUEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	DEYSI AMAYA	Cole Information Services
1994	BROWN, JODIE	Cole Information Services
1976	Brown Jodie	Pacific Telephone
1967	Brown Jodie	Pacific Telephone
1958	Brown Jodie	Pacific Telephone

### 1445 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SHIRLEY KING	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	ROBBIE POWELL	Cole Information Services
2006	KING Chares	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ROBBIE POWELL	Cole Information Services
1994	BARNES, S T	Cole Information Services
1976	Bell Dorothy	Pacific Telephone
1967	Wilburn Zera	Pacific Telephone
	William Willie Mae	Pacific Telephone
1958	Tyus Jas Mrs	Pacific Telephone

## FINDINGS

### 1448 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HUGHES TOSHA	Cole Information Services
2009	KHRIS DASNEY	Cole Information Services
2006	a CUBBAGERaedele WILLAMS M	Haines Company, Inc Haines Company, Inc
2004	MICHAEL WILLIAMS	Cole Information Services
1999	KHRIS DASNEY OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
1976	Wahlstrom J W	Pacific Telephone
1967	Wahlstrom J W	Pacific Telephone
1958	Wahlstrom J W	Pacific Telephone

### 1449 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS RIVERA MARICRUZ DIAZ	Cole Information Services Cole Information Services
2009	IGNACIO GONZALEZ MARICRUZ CAMPOS OCCUPANT UNKNOWN	Cole Information Services Cole Information Services Cole Information Services
2006	V OCHOANolberto A OCHOAJorgs a GONZALEZ Ignaco	Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	LINDA MCCLENDON SHEENA BROWN OCCUPANT UNKNOWN LINDA DILLARD	Cole Information Services Cole Information Services Cole Information Services Cole Information Services
1999	OCCUPANT UNKNOWN IGNACIO GONZALEZ MARICRUZ CAMPOS	Cole Information Services Cole Information Services Cole Information Services
1994	KING, WILLIE M	Cole Information Services
1976	Davis Sylvester King Willie Mae	Pacific Telephone Pacific Telephone
1967	King Willie Mae Parson Billy W	Pacific Telephone Pacific Telephone
1958	King Willie Mae	Pacific Telephone

### 1452 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LOREE NELSON	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JESSICA WILSON	Cole Information Services
2006	WILSON Jessica	Haines Company, Inc
2004	JESSICA WILSON	Cole Information Services
1999	JESSICA WILSON	Cole Information Services
1976	Wilson Jessica	Pacific Telephone
1967	Green Esther	Pacific Telephone
1958	Felix R B Simpson Cleveland	Pacific Telephone Pacific Telephone

### 1453 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LURLENE GARNER	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	HUGHES Drgwendolyn	Haines Company, Inc Haines Company, Inc
2004	WILLIE HUGHES	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	HUGHES, ANNIE	Cole Information Services
1976	Hughes Dennis Hughes Annie	Pacific Telephone Pacific Telephone
1967	Hughes Willie H	Pacific Telephone
1958	Hughes Willie H	Pacific Telephone

### 1454 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JESSI GARCIA	Cole Information Services

### 1456 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Castellanos Hector	Pacific Telephone

### 1457 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	INOCENCIA VELASCO	Cole Information Services
2009	ONOFRE VALDIVIA	Cole Information Services
2006	a VALDIVIA Orofre	Haines Company, Inc
2004	ONOFRE VALDIVIA	Cole Information Services
1999	ONOFRE VALDIVIA OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
1976	Horn La Vonda	Pacific Telephone

## FINDINGS

### 1480 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JUVENTINO LOPEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	JUVENTINO LOPEZ	Cole Information Services
1999	JUVENTINO LOPEZ	Cole Information Services

### 1500 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	INDUSTRIAL COMMUNICATIONS SYSTEMS INC LOS ANGELES	Pacific Telephone

### W 59TH

#### 1101 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SMITH ALVIN	Pacific Bell
1986	SMITH ALVIN	Pacific Bell
1971	Jacobs Mattie	Pacific Telephone
1962	Gibbs Musa E	Pacific Telephone
1942	Klopner Ruby wid P L	Los Angeles Directory Co.
	Flood Ethel Mrs br mgr Sees Candy Shops	Los Angeles Directory Co.
	Flood Jack E Ethel clk	Los Angeles Directory Co.
1937	Nasser Abdullah S Marjorie R	Los Angeles Directory Co.
1929	CASEY Louis A Luella clk P O	Los Angeles Directory Co.

#### 1107 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MAGETTE PEARL S	Pacific Bell
1981	MAGETTE PEARL S	Pacific Telephone
1971	Russell Elinor	Pacific Telephone
	Scott Pearl	Pacific Telephone
1962	Flowers Georgia	Pacific Telephone
	Flowers Jas	Pacific Telephone
	Hunter Elinor	Pacific Telephone
	Scott Pearl	Pacific Telephone
1942	BAURE Jos W Mildred K carp	Los Angeles Directory Co.
	HAYES Winn W Bonita	Los Angeles Directory Co.
1937	BAUER Jos W Mildred bldg contr	Los Angeles Directory Co.
	Bauer Ruth H	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	CAMPBELL Evarett F Annie M	Los Angeles Directory Co.
	HAYS Winifield Y Venita barber	Los Angeles Directory Co.
	Patt Geo musician	Los Angeles Directory Co.
	Terry Isabell Mrs	Los Angeles Directory Co.
1933	Ferry Isabel mInr Calyork Minry Co	Los Angeles Directory Co.
	HAYS Winifield Y barber	Los Angeles Directory Co.
	WALLACE Saml S Ida T slsmn	Los Angeles Directory Co.
	WARNER Paul A Irma plstr	Los Angeles Directory Co.
1929	BAUER Jos W Mildred carp	Los Angeles Directory Co.
	Ferry Isabelle mInr	Los Angeles Directory Co.

### 1113 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	FAVORS BILLIE	Pacific Bell
1981	FAVORS BILLIE	Pacific Telephone
1971	Favors Leonard O	Pacific Telephone
1962	Novack Wm J	Pacific Telephone
1942	SCHNEIDER Karl F Beryl J clk Ry MS	Los Angeles Directory Co.
	EMERY Ella O wid A C	Los Angeles Directory Co.
1937	SCHNEIDER Karl F Beryl J clk Ry S	Los Angeles Directory Co.
	SCHNEIDER Nell C teleg opr	Los Angeles Directory Co.
1933	SCHNEIDER Karl F Beryl J clk Ry MS	Los Angeles Directory Co.
1929	SCHNEIDER Karl F Beryl clk Ry M S h	Los Angeles Directory Co.
1924	SCHNEIDER Karl F clk Ry M S h	Los Angeles Directory Co.

### 1115 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Diaz Vicente	Pacific Telephone

### 1117 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MATTHEWS ANNIE	Pacific Bell
1986	MATTHEWS ANNIE	Pacific Bell
1981	TYUS JAS MRS	Pacific Telephone
1971	Casas Tendoro R	Pacific Telephone
1962	Diaz Vicente	Pacific Telephone
1942	HILL Chas H Amelia M	Los Angeles Directory Co.
1937	HILL Chas H Amelia M electn	Los Angeles Directory Co.
	Hill Amelia M forwn Bailey Schmitz Co	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	HILL John W Inez auto mech	Los Angeles Directory Co.
	HILL Amelia M forwn Bailey Schmitz Co	Los Angeles Directory Co.
1929	HILL Amelia M forldy Beiley Schmitz Co	Los Angeles Directory Co.
	HILL Chas H Amelia electn	Los Angeles Directory Co.
1924	HILL Chas H electr h	Los Angeles Directory Co.
	HILL Amelia seam r	Los Angeles Directory Co.

### 1121 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SMITH GREGORY	Pacific Bell
1986	SMITH GREGORY	Pacific Bell
1942	Fohs Michl Eliz carp	Los Angeles Directory Co.
	Fohr Michl hospwkr	Los Angeles Directory Co.
1937	Fohs Michl Eliz carp	Los Angeles Directory Co.
1929	Fohs Susan clk	Los Angeles Directory Co.
	Fohs Michl Eliz pntr	Los Angeles Directory Co.
1924	Junghans Alex cabt mkr h	Los Angeles Directory Co.
	Fohs Susan A clk r	Los Angeles Directory Co.

### 1123 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	GRISBY LAWRENCE	Pacific Bell
1942	Coffey Louis V Willa B aircrftwkr	Los Angeles Directory Co.
1933	De Young John H Esther slsmn	Los Angeles Directory Co.
	De Young John A	Los Angeles Directory Co.

### 1125 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ALINARES INGRID	Pacific Bell
	BARRIOS CARLOS E	Pacific Bell
1986	ANTWINE ELESS	Pacific Bell
1981	ANTWINE ELESS	Pacific Telephone
1971	Antwine Eless	Pacific Telephone
1962	Antwine Eless	Pacific Telephone
1942	Hyer Wm C	Los Angeles Directory Co.
	Telfer Richd R Cath elev opr	Los Angeles Directory Co.
	WILSON Madoline H cash SR & Co	Los Angeles Directory Co.
	Woolson Madolin Mrs	Los Angeles Directory Co.
1937	Fulk Herschell C Alice A cbtmkr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Fulk Maxine M	Los Angeles Directory Co.
1933	PORTER Theo C Ellen pntr	Los Angeles Directory Co.
	PRATT Walter C pntr	Los Angeles Directory Co.
1929	STEEL Chas G r	Los Angeles Directory Co.
	STEEL Herman C Martha h	Los Angeles Directory Co.
1924	Porter Theo C slsmn h	Los Angeles Directory Co.

### 1141 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GAYLES LETITIA	Pacific Bell
1986	GAYLES R L	Pacific Bell
	SPRINGFIELD J B	Pacific Bell
1981	SPRINGFIELD RICHARD E JR	Pacific Telephone
1971	Springfield Richard E Jr	Pacific Telephone
	Wilburn Zera	Pacific Telephone
1962	Springfield Richard E Jr	Pacific Telephone
1942	GIBSON Robt T Carolee aircrftwkr	Los Angeles Directory Co.
	Stillman Frank F Elsie L mach	Los Angeles Directory Co.
1937	SORENSEN Sadie E clk US Int Rev	Los Angeles Directory Co.
	Lyon Anna asmblr Angelus Souvenir & Mfg Co	Los Angeles Directory Co.
	Lyon Otto H Anna	Los Angeles Directory Co.
	SORENSEN Anna wid Hans	Los Angeles Directory Co.
	SORENSEN Edgar R msngr State Div of Corporations	Los Angeles Directory Co.
1933	Bastille John Rebie asst linemn LAG & ECorp	Los Angeles Directory Co.
	Kabes Henry Lena auto mech	Los Angeles Directory Co.
	Wiemann Wm lab	Los Angeles Directory Co.
1929	Whitehead Edith wid Henry W h	Los Angeles Directory Co.
	Whitehead Leonard rubberwkr r	Los Angeles Directory Co.
1924	Mc RAE Saml E bldg contr	Los Angeles Directory Co.

### 1144 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	HATTEN REGINA	Pacific Telephone
1937	Kovach Helen	Los Angeles Directory Co.
	Kovach Jos J Rose	Los Angeles Directory Co.
1933	Kanta Victor Rose mech	Los Angeles Directory Co.
	Kovach Chas A coremkr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Kovach Jos Rose auto wrecker	Los Angeles Directory Co.
	Kovach Jas jr shtmtlwkr	Los Angeles Directory Co.
	Kovach Rose M cook	Los Angeles Directory Co.
1929	Kovach Chas A coremkr	Los Angeles Directory Co.
	Kovach Dara V	Los Angeles Directory Co.
	Kovach Jos Rose auto mech	Los Angeles Directory Co.
1924	Kovacs Chas A lab r	Los Angeles Directory Co.
	Kovacs Jos mach h	Los Angeles Directory Co.
	SMITH Chas Coremkr r	Los Angeles Directory Co.

### 1105 1/2 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	REED LINDA K	Pacific Bell
1981	REED LINDA K	Pacific Telephone

### 1141 1/2 W 59TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WILBURN ZERA	Pacific Telephone

### W 59TH PL

#### 1200 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JOSE PEREZ	Cole Information Services
2004	JOSE PEREZ	Cole Information Services
1999	JOSE PEREZ	Cole Information Services

#### 1201 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PATRICIA CALDERON	Cole Information Services
2009	RICARDO MEJIA	Cole Information Services
2006	MEJIA Mana	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	RICARDO MEJIA	Cole Information Services
1990	JACOBS PATRICIA H	Pacific Bell
1986	JACOBS PATRICIA H	Pacific Bell
1981	PEOPLES PATRICE M	Pacific Telephone
	JACOBS PATRICIA H	Pacific Telephone
1971	Jacobs Patricia H	Pacific Telephone
1967	Jacobs Patricia H	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	BRUNSON Ralph Trudie	Los Angeles Directory Co.
1937	BERGER Walter E Teresa fctywkr	Los Angeles Directory Co.
1933	WILLIAMS Clinton W	Los Angeles Directory Co.
	Cantrall Isabelle Mrs	Los Angeles Directory Co.
1929	WILLIAMS Maggie Mrs r	Los Angeles Directory Co.
	WILLIAMS Clinton W carrier P O r	Los Angeles Directory Co.
1924	Williams Maggie wid A J h	Los Angeles Directory Co.
	WILLIAMS Clint W carrier P O r	Los Angeles Directory Co.

### 1206 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	REYNA ZARCO	Cole Information Services
2009	OTIS WALKER	Cole Information Services
2006	RODRIGUEZE	Haines Company, Inc
	a ZARCOReyna	Haines Company, Inc
2004	REYNA ZARCO	Cole Information Services
1999	OTIS WALKER	Cole Information Services
1958	Williams Chas P	Pacific Telephone
1942	Galatioto Sol Sadie lab	Los Angeles Directory Co.
1937	Galatioto Salvador Sadie plsty	Los Angeles Directory Co.
1933	Mac DOUGALL Herbt Hattie firemn	Los Angeles Directory Co.
	Mc DOUGALL Hattie Indy wkr	Los Angeles Directory Co.
1929	Molyneux Frank T May carp	Los Angeles Directory Co.
1924	Galatioto Louis lab h	Los Angeles Directory Co.

### 1207 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SALLY WELKER	Cole Information Services
	ELENA BELTRAN	Cole Information Services
	GRETA WALDON	Cole Information Services
	TOMAS LARA	Cole Information Services
2009	ELENA BELTRAN	Cole Information Services
	MARIA IRAHETA	Cole Information Services
	DEIDRA DADISCHECK	Cole Information Services
	EDDIE MOORE	Cole Information Services
	TORRES TERESA	Cole Information Services
	JOSE HERAETTA	Cole Information Services
	SHIRLEY JOHNSON	Cole Information Services
	VICTOR PINEDA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BELTRAN Elena Laura	Haines Company, Inc
	MONTIELRosa	Haines Company, Inc
2004	EDDIE MOORE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	LAURA BELTRAN	Cole Information Services
	VICTOR PINEDA	Cole Information Services
	DEIDRA DADISCHECK	Cole Information Services
	SHIRLEY JOHNSON	Cole Information Services
1999	TORRES TERESA	Cole Information Services
	EDDIE MOORE	Cole Information Services
	ELENA BELTRAN	Cole Information Services
	SHIRLEY JOHNSON	Cole Information Services
	JOSE HERAETTA	Cole Information Services
	DEIDRA DADISCHECK	Cole Information Services
	MARIA IRAHETA	Cole Information Services
	VICTOR PINEDA	Cole Information Services
1976	Whitehead C	Pacific Telephone
1971	Harris Willie J	Pacific Telephone
1967	Harris Willie J	Pacific Telephone
1942	Heeney Frank J jr clk	Los Angeles Directory Co.
	Heeney Frank J Josephine C	Los Angeles Directory Co.
	FRAZIER Ira D Marjorie whsmn	Los Angeles Directory Co.
	Farnsworth Floyd R Honsetta benchmn	Los Angeles Directory Co.
1937	Mahaffey Virgil Carmen baker	Los Angeles Directory Co.
	Scagline John Maria	Los Angeles Directory Co.
1933	CONWAY Myrtle M wid W F	Los Angeles Directory Co.
	Dermody Ralph Mary pntr	Los Angeles Directory Co.
	Heerey Frank S Josephine C pntr	Los Angeles Directory Co.
	Spohn Rose Mrs	Los Angeles Directory Co.
	CONWAY Oneita clk	Los Angeles Directory Co.
1929	BOGARD Wm Eliz curigan clnr	Los Angeles Directory Co.
	Halbstein Harry Eliz slsmn	Los Angeles Directory Co.
	LONG Chas E Alice clk	Los Angeles Directory Co.
	Woods Unitee B sten r	Los Angeles Directory Co.

### 1209 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	ALFRED ROSS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1986	MAXFIELD JACK REV	Pacific Bell
1967	Glover Willie J	Pacific Telephone
1958	Champaine Betty Jean	Pacific Telephone
1942	Rush Huston Leslie clk	Los Angeles Directory Co.
	HERMAN Carroll L Edith L furn fnshr	Los Angeles Directory Co.
1937	HERMAN Carroll L L Edith cbtmkr	Los Angeles Directory Co.
	DAVIS Lyndall V Mrs compt opr	Los Angeles Directory Co.
1933	HILL Laura P Mrs	Los Angeles Directory Co.
	HILL Jos W Christine welder	Los Angeles Directory Co.
1929	COX Wm J Susan slsmn Sears Roebuck & Co	Los Angeles Directory Co.

### 1210 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALEX GARCIA	Cole Information Services
2009	MARCO ORELLANA	Cole Information Services
2006	FLORES Jorge	Haines Company, Inc
	a FUENTES Leonardo	Haines Company, Inc
2004	ALFREDO FUENTES	Cole Information Services
1999	MARCO ORELLANA	Cole Information Services
1990	RAINER S	Pacific Bell

### 1211 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JUANA RUIZ	Cole Information Services
1967	Keel Arthur	Pacific Telephone

### 1212 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ALFREDO FUENTES	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ALFREDO FUENTES	Cole Information Services
1981	LAW O JR	Pacific Telephone
1958	Zschoche Eva	Pacific Telephone
1942	Trammell Chas W Cleo D Pepper Tree Paint Store	Los Angeles Directory Co.
1937	Tramell Chas whsmn	Los Angeles Directory Co.
	DAVIS Frances M	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Trammell Chas W Cleo B chauf	Los Angeles Directory Co.
1929	Trammell Chas W Cleo driver h	Los Angeles Directory Co.
1924	Fariss Wm carp h	Los Angeles Directory Co.
	Fariss Rupert C clk Ry M S r	Los Angeles Directory Co.

### 1213 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOAQUIN CANJURA	Cole Information Services
	ROBERTO ARCIA	Cole Information Services
	MARCO DUBON	Cole Information Services
	LETICIA JIMENEZ	Cole Information Services
2009	MARCO DUBON	Cole Information Services
2006	DUBON Marco	Haines Company, Inc
2004	MARCO DUBON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	MARCO DUBON	Cole Information Services
1971	Henderson Hubert E	Pacific Telephone
1962	Block Beulah M	Pacific Telephone
	Taylor Leonard	Pacific Telephone
1958	Block Ben	Pacific Telephone
1942	HOLLOWAY Don V Elsie uphol	Los Angeles Directory Co.
	TYNER Jas Eula M wirewkr	Los Angeles Directory Co.
1933	BIRD Ralph E Juanita lab	Los Angeles Directory Co.
	CAMPBELL Arth A Willie jan City Bd of Educ	Los Angeles Directory Co.
	CAMPBELL Naomi E clo clnr	Los Angeles Directory Co.
1929	MITCHELL Regina Mrs	Los Angeles Directory Co.
1924	MITCHELL Regina cook r	Los Angeles Directory Co.
	MITCHELL Geo M cook h	Los Angeles Directory Co.

### 1214 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1215 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	ARTURO AYALA	Cole Information Services
1999	JAMES HARVEY	Cole Information Services

## FINDINGS

### 1216 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SHAY RODRIGUEZ	Cole Information Services
2009	MARGARET HERRON	Cole Information Services
2006	HERRON Margaret	Haines Company, Inc
2004	MARGARET HERRON	Cole Information Services
1999	MARGARET HERRON	Cole Information Services
1967	Perez Gus	Pacific Telephone
1962	Collins Clarence F	Pacific Telephone
1958	Collins Clarence F	Pacific Telephone
1942	EDWARDS John H Belle slsmn	Los Angeles Directory Co.
	STEVENS Olin D Anna M	Los Angeles Directory Co.
	COLLINS Clarence F driver	Los Angeles Directory Co.
1937	REYNOLDS Lydia Mrs	Los Angeles Directory Co.
1933	Worley Ralph clk	Los Angeles Directory Co.
	Worley Neal lab	Los Angeles Directory Co.
	Worley Jas	Los Angeles Directory Co.
	TEAL John M Ruby E chauf	Los Angeles Directory Co.
	REYNOLDS Nettie A Mrs	Los Angeles Directory Co.
1929	r	Los Angeles Directory Co.
	STEVENS Olin D Louise trans	Los Angeles Directory Co.
	REYNOLDS Ned A pntr h	Los Angeles Directory Co.
1924	Zanone Frances clk r	Los Angeles Directory Co.
	ANDREWS W metal wkr h	Los Angeles Directory Co.
	ANDREW Wm shtmtlwr r	Los Angeles Directory Co.

### 1217 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GUSTAVO CASTELLANOS	Cole Information Services
2009	MAYRA SOTEL	Cole Information Services
2006	LENARD John H	Haines Company, Inc
2004	DAVID LENARD	Cole Information Services
1999	MAYRA SOTEL	Cole Information Services
1990	LENARD JOHN H	Pacific Bell
1986	LENARD JOHN H	Pacific Bell
1981	LENARD JOHN H SR REV	Pacific Telephone
	LENARD JOHN H	Pacific Telephone
1976	Lenard John H	Pacific Telephone
1962	Cervantes Frank A	Pacific Telephone
1958	Cervantes Frank A	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	PORTER Norman Dee aircrftwkr	Los Angeles Directory Co.
1933	ANDERSON Mary J garmnt fnshr	Los Angeles Directory Co.
	WATKINS Henry Bessie lab	Los Angeles Directory Co.
1924	WINN Webster K millwkr r	Los Angeles Directory Co.
	Ostlund S clk r	Los Angeles Directory Co.

### 1221 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1222 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	VERDUZCO Dionlcla	Haines Company, Inc
2004	ANTONIO VERDUZCO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1971	Reno Dan	Pacific Telephone
1967	Reno Dan	Pacific Telephone
1962	Orwig Louise K	Pacific Telephone
1958	Orwig Louise K	Pacific Telephone
1942	THATCHER Thos Mary A	Los Angeles Directory Co.
1937	THATCHER Thos Maryann	Los Angeles Directory Co.
1933	Thatcher Thos Mary A	Los Angeles Directory Co.
1924	Kilkoren Beatrice tchr h	Los Angeles Directory Co.
	Hogue Ruth F real est h	Los Angeles Directory Co.

### 1223 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NORMA DECANO	Cole Information Services
2009	NORMA DECANO	Cole Information Services
2006	ASTURIAS Roua	Haines Company, Inc
1999	NORMA DECANO	Cole Information Services
1990	MACIAS MOISES	Pacific Bell
1967	Whitney Fitzgerald L	Pacific Telephone
1962	Whitney Fitzgerald L	Pacific Telephone
1958	Ageman Simon	Pacific Telephone
1942	Pestell Fredk J Ruth carp	Los Angeles Directory Co.
1937	Hendershott Nellie wid Bert	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Evelsisor Ella D wid W F	Los Angeles Directory Co.
1933	Hendershott Nellie A wid Herbt	Los Angeles Directory Co.
1929	Hendershott Herbt Nellie carp	Los Angeles Directory Co.
1924	Hendershott Herbt carp h	Los Angeles Directory Co.

### 1224 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JUAN BARAJAS	Cole Information Services
1986	LONE STAR STATIONARY	Pacific Bell
1976	Lewis Chas	Pacific Telephone
1971	Haywood Erthel	Pacific Telephone
1967	Wilson Irene	Pacific Telephone
1962	Thatcher Geo W	Pacific Telephone
1958	Thatcher Geo W	Pacific Telephone
1942	THATCHER Geo W Gladys carp	Los Angeles Directory Co.
1937	Thatcher Geo W Gladys carp	Los Angeles Directory Co.
1933	WHITE Lindley M clk	Los Angeles Directory Co.
	Thatcher Geo W Gladys carp	Los Angeles Directory Co.

### 1226 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MIGUEL LEONOR	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	WILLIAM SORIANO	Cole Information Services
	RUBEN CHAVEZ	Cole Information Services
2006	o SORIANO William	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	MARICELA CHAVEZ	Cole Information Services
1999	WILLIAM SORIANO	Cole Information Services
	RUBEN CHAVEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	SORIANO, WILLIAM	Cole Information Services
1986	NOBLE KATIE T	Pacific Bell
1981	BOYD LEON	Pacific Telephone
1976	Kelly Robt E	Pacific Telephone
1962	Berry J A Mrs	Pacific Telephone
1942	NELSON Robt D Thelma aircrftwkr	Los Angeles Directory Co.
1937	Waddingham Anne wid E D	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	SHAFER Jos Esther h	Los Angeles Directory Co.
	SCHAFER Jos Schater Bros r	Los Angeles Directory Co.
1924	Ule Anton printer h	Los Angeles Directory Co.

### 1227 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAUL DUARTE	Cole Information Services
2009	RAUL DUARTE	Cole Information Services
2006	ALEJOJan le a DUARTE Raul	Haines Company, Inc Haines Company, Inc
2004	JORGE RUIZ	Cole Information Services
1999	RAUL DUARTE	Cole Information Services
1990	ESCOVEDO EULOGEO MAURESCO	Pacific Bell
1986	ESCOVEDO EULOGEO MAURESEO	Pacific Bell
1976	Banuelos Felipe	Pacific Telephone
1971	Salazar Azan	Pacific Telephone
1967	Salazar Azan	Pacific Telephone
1962	Perez Gus	Pacific Telephone
1958	Perez Gus	Pacific Telephone
1942	Gayler Ebenezer Leah lather Gayler Frank whsmn	Los Angeles Directory Co. Los Angeles Directory Co.
1937	Gaylor Eber T Leah M lather Gaylor Francis C clk	Los Angeles Directory Co. Los Angeles Directory Co.
1933	MEYERS Bertha A Mrs	Los Angeles Directory Co.
1929	Vanskike Guy F auto mech r	Los Angeles Directory Co.
1924	Foley Fred W slsmn W H Cook r Foley John F clk r FOLEY M carp h	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.

### 1228 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANDREW OCAMPOS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	RUBEN CHAVEZ	Cole Information Services
1999	S OCAMPO OCCUPANT UNKNOWN	Cole Information Services Cole Information Services
1981	CARPENTER FRENCH	Pacific Telephone
1976	Harris Norma	Pacific Telephone
1937	Herr Wm H Maud M	Los Angeles Directory Co.

## FINDINGS

### 1229 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SANTOS SANDOVAL	Cole Information Services
2009	SANTOS SANDOVAL	Cole Information Services
2006	SANDOVAL Maria	Haines Company, Inc
2004	SANTOS SANDOVAL	Cole Information Services
1999	SANTOS SANDOVAL	Cole Information Services
1994	MAURICIO, FELIPE	Cole Information Services
1981	DAVIS MARK A	Pacific Telephone
1971	Johnson Hattie	Pacific Telephone
1942	Dunker Ansel H Claire br mgr Allen & Huck	Los Angeles Directory Co.
1937	Dunker Ansel H Claire C	Los Angeles Directory Co.
	Dunker Ansel H Claire C	Los Angeles Directory Co.
1933	Walker Bert A Ollie barber	Los Angeles Directory Co.

### 1232 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JORGE GOMEZ	Cole Information Services
2009	JORGE GOMEZ	Cole Information Services
2006	a GOMEZJorge	Haines Company, Inc
2004	MARK SMITH	Cole Information Services
1999	JORGE GOMEZ	Cole Information Services
1994	WILSON, C P	Cole Information Services
1990	WILSON C P	Pacific Bell
1986	WILSON C P	Pacific Bell
1981	WILSON C P	Pacific Telephone
1976	Wilson C P	Pacific Telephone
1971	Wilson C P	Pacific Telephone
1967	Moran Annah I Mrs	Pacific Telephone
1962	Moran Annah I Mrs	Pacific Telephone
1958	Moran Annah I Mrs	Pacific Telephone
1942	PETERS Myra W bkpr Co Treas	Los Angeles Directory Co.
1937	PETERS Fredk A Myra W	Los Angeles Directory Co.
1933	PETERS Myra W bknr Co Treas	Los Angeles Directory Co.
	BOYCE Mary E Mrs	Los Angeles Directory Co.
1929	Cully Russel A Frances photog	Los Angeles Directory Co.
1924	Cully Russel A carp h	Los Angeles Directory Co.

## FINDINGS

### 1233 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDUARDO SANDOVAL	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	LORDA SANDOVAL	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1971	Lee Chas	Pacific Telephone
1942	Appler Margt R	Los Angeles Directory Co.
1937	Lokey Jewel M Mrs	Los Angeles Directory Co.
	Appler Mamie R music tchr	Los Angeles Directory Co.
1929	Shulda Loraine Mrs h	Los Angeles Directory Co.
1924	Vignes Frank H h	Los Angeles Directory Co.
	Vignes Fred pipe ftr h	Los Angeles Directory Co.

### 1234 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	ALBERTO GARCIA	Cole Information Services

### 1235 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GABRIELA ORNELAS	Cole Information Services
2006	ORNELAS Gabrela PEREZAracely	Haines Company, Inc
2004	ROCIO PEREZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Herrin Myrtle	Pacific Telephone
1962	Herrin Myrtle	Pacific Telephone
1958	Herrin Myrtle	Pacific Telephone
1942	Graves Robt M Jackie mech	Los Angeles Directory Co.
1937	Guye Jos B Kathryn C electn	Los Angeles Directory Co.
1933	Felig Otto slsmn Challenge Cream & Butter Assn	Los Angeles Directory Co.
1929	THOMPSON Walter Daisy window trmr h	Los Angeles Directory Co.

### 1236 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TREA SHIELDS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	MONICA GONZALEZ	Cole Information Services
	JOSE ARGUELLO	Cole Information Services
	AMADA JAUREGUI	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	AMADA JAUREGUI	Cole Information Services
	RUBEN SANDOVAL	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	ALVARO BARRON	Cole Information Services
2006	ARGUELLO Gladys	Haines Company, Inc
	JAUREGUI Amada M	Haines Company, Inc
2004	JAVIER DOMINGUEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	ALVARO BARRON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	AMADA JAUREGUI	Cole Information Services
	RUBEN SANDOVAL	Cole Information Services
	ALVARO BARRON	Cole Information Services
1981	ALFRED M	Pacific Telephone
1976	Reece Lena	Pacific Telephone
1962	Hadley Edna I	Pacific Telephone
	Thompson Edna Mae	Pacific Telephone
1958	Thompson Edna Mae	Pacific Telephone
1942	JORDAN Archie Dorothy firemn	Los Angeles Directory Co.
	DIXON Iva Mrs	Los Angeles Directory Co.
1937	THOMPSON Melville Mend T custodian Bd of Educ	Los Angeles Directory Co.
	Adair Bill O mach	Los Angeles Directory Co.
1929	THOMPSON Chester H Carp r	Los Angeles Directory Co.
1924	THOMPSON Melville waiter h	Los Angeles Directory Co.

### 1237 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OSCAR ORNELAS	Cole Information Services
2009	SERGIO SOTO	Cole Information Services
2006	SOTO Sergio	Haines Company, Inc
2004	SERGIO SOTO	Cole Information Services
1999	SERGIO SOTO	Cole Information Services
1962	Branch Mark	Pacific Telephone
1958	Clark Evelyne	Pacific Telephone
1942	Cardoza Anthony Leona driver	Los Angeles Directory Co.
1937	Hart Otis V Flora A slsmn Sears Roebuck & Co	Los Angeles Directory Co.
1933	HART Olis V Flora slsmn Sears Roebuck & Co	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Futrell Carrie wid Frank	Los Angeles Directory Co.
	Lines Jas Euple driver	Los Angeles Directory Co.
1924	THOMPSON Walter L decorator h	Los Angeles Directory Co.

### 1238 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RUBEN SANDOVAL	Cole Information Services
2009	DAVID WHITCOMB	Cole Information Services
2004	RUBEN SANDOVAL	Cole Information Services
1999	DAVID WHITCOMB	Cole Information Services
1994	SANDOVAL, RUBEN	Cole Information Services
1967	Crooks Jas E	Pacific Telephone
1958	Stone Ossle	Pacific Telephone
1942	Muth Loring K Ruth slsmn	Los Angeles Directory Co.
1937	TAYLOR Albt A Florence elev opr	Los Angeles Directory Co.
1933	COMBS Roy A Kath lab	Los Angeles Directory Co.
1929	SCHERRER Robt Lurah prsmn h	Los Angeles Directory Co.

### 1242 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ROBBY COOPER	Cole Information Services
2006	WOODS Irma	Haines Company, Inc
	COOPERRobby	Haines Company, Inc
2004	ROBBY COOPER	Cole Information Services
1999	ROBBY COOPER	Cole Information Services
1962	Pall Karl Mrs	Pacific Telephone
1958	Lengyel Istvan	Pacific Telephone
1942	King Alice Mrs	Los Angeles Directory Co.
	Covalt Margt sec Coleman Lamp & Stove Co	Los Angeles Directory Co.
1937	WOOLEY Andw Mary L cook	Los Angeles Directory Co.
1933	PACKARD Walter radio mech	Los Angeles Directory Co.
	Mc Kown Jas E tchr Bev Sch for Boys	Los Angeles Directory Co.
	JACOBSON Mary L Mrs	Los Angeles Directory Co.
1924	Tibbetts Mary E Indy wkr r	Los Angeles Directory Co.
	Tibbetts Helen E Mrs h	Los Angeles Directory Co.
	Tibbetts Harry E clk h	Los Angeles Directory Co.

## FINDINGS

### 1243 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ISAIAS LEYVA	Cole Information Services
2009	ISAIAS LEYVA	Cole Information Services
2006	a LEYVA Isalas	Haines Company, Inc
2004	ISAIAS LEYVA	Cole Information Services
1999	ISAIAS LEYVA	Cole Information Services
1981	BRYANT KATHY	Pacific Telephone
1976	Fitzgerald Donald	Pacific Telephone
1967	Sing V Dolores	Pacific Telephone
1962	Sing B F Mrs	Pacific Telephone
1958	Sing B F Mrs	Pacific Telephone
1942	Sing Benj F Maud A mech	Los Angeles Directory Co.
	Sing Frank sta eng	Los Angeles Directory Co.
	Sing Violet D	Los Angeles Directory Co.
1937	Sing B Frank Maud A mech	Los Angeles Directory Co.
	Sing Dolores baker	Los Angeles Directory Co.
	Sing Frank pntr	Los Angeles Directory Co.
	SING V Dolores hakerywkr	Los Angeles Directory Co.
1933	Sing Dolores	Los Angeles Directory Co.
	Sing Frank Maude	Los Angeles Directory Co.
1929	Sing B Franklin Maude woodwkr h	Los Angeles Directory Co.
1924	Sing Frank B mach h	Los Angeles Directory Co.

### 1244 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FLORETTE MORRIS	Cole Information Services
2009	PATRICIA HAYES	Cole Information Services
2004	M FUGETT	Cole Information Services
1999	PATRICIA HAYES	Cole Information Services

### 1245 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Fitzpatrick Josephine nurse	Los Angeles Directory Co.

### 1246 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	STEPHANY NARANJO	Cole Information Services
2009	JOE DIAZ	Cole Information Services
2006	DIAZ Chrisna	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	ANTONIO DIAZ	Cole Information Services
1999	JOE DIAZ	Cole Information Services
1967	Ebert W H	Pacific Telephone
1962	Ebert W H	Pacific Telephone
1958	Ebert W H	Pacific Telephone
1942	Blackburn Geo Guadalupe	Los Angeles Directory Co.
1933	FITZPATRICK Thos	Los Angeles Directory Co.
	KEEFER Maragt L Mrs	Los Angeles Directory Co.
1924	Ebert H slsmn Libby Mc Neill & Libby h	Los Angeles Directory Co.

### 1247 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Milner Kenneth Ellen	Los Angeles Directory Co.
1929	Jenesen Nelson carp	Los Angeles Directory Co.
1924	LOWE Byron A auto mech h	Los Angeles Directory Co.

### 1248 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Dorland J C clk r	Los Angeles Directory Co.
	Dorland Violet T r	Los Angeles Directory Co.

### 1249 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERT SIMMONS	Cole Information Services
2009	NETTEIRENE ANTHONY	Cole Information Services
2006	ROBINSON Theresa	Haines Company, Inc
2004	THERESA ROBINSON	Cole Information Services
1999	NETTEIRENE ANTHONY	Cole Information Services
1981	WALL THERESA	Pacific Telephone
1962	Castaneda Mary Ellen	Pacific Telephone
	Castaneda Josephine	Pacific Telephone
1958	Barouh Isaac	Pacific Telephone
1942	Callen Roscoe M aircrftwkr	Los Angeles Directory Co.
	Callen Gertrude wid J J	Los Angeles Directory Co.
	Callen Casto M fctywkr	Los Angeles Directory Co.
	Callen Arzo A aircrftwkr	Los Angeles Directory Co.
	Callen Murry C arcfrtwkr	Los Angeles Directory Co.
1929	SCHAEFFER Robt H Julia miner h	Los Angeles Directory Co.

## FINDINGS

### 1251 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	NATHAN HENTGES	Cole Information Services
2006	HENTGES Nathan	Haines Company, Inc
2004	NATHAN HENTGES	Cole Information Services
1999	NATHAN HENTGES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1986	DUNCAN WALTER	Pacific Bell
1981	DUNCAN WALTER	Pacific Telephone
1976	Duncan Walter	Pacific Telephone
1971	Duncan Walter	Pacific Telephone
1967	Duncan Walter	Pacific Telephone
1962	Duncan Walter	Pacific Telephone

### 1252 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DURWIN WILLIAMS	Cole Information Services
2009	JESSE GRANGER	Cole Information Services
2006	a GRANGER Jesse	Haines Company, Inc
2004	JESSE GRANGER	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JESSE GRANGER	Cole Information Services
1967	Anderson M J	Pacific Telephone
1962	Robinson Lula Mae	Pacific Telephone
	Robinson Boston	Pacific Telephone
1942	Hahn John Arlie dep Co Clerk	Los Angeles Directory Co.
1937	PATTERSON Eleanor W Mrs maid Bd of Educ	Los Angeles Directory Co.
	Hahn John D Arlis P dep County Clerk	Los Angeles Directory Co.
1933	WILSON Douglas E Marjorie F lab	Los Angeles Directory Co.
	Miley Lloyd G Addie M pntr	Los Angeles Directory Co.
	Miley Addie M br mgr F T Gruver	Los Angeles Directory Co.
	Lueders John J Kath violin mkr	Los Angeles Directory Co.
1929	WILSON Douglas H Marjorie cond	Los Angeles Directory Co.
	Miley Lloyd G Addie pntr	Los Angeles Directory Co.
	Miley Addie M Mrs clk	Los Angeles Directory Co.
1924	COLLINS Edwd H slsmn h	Los Angeles Directory Co.
	BOYD Nettie Mrs seam r	Los Angeles Directory Co.
	BOYD Henry S photo h	Los Angeles Directory Co.

## FINDINGS

### 1253 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JORGE VALDES	Cole Information Services
2009	JORGE VALDES	Cole Information Services
2004	JONETTA JOHNSON	Cole Information Services
1999	JORGE VALDES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1981	MELENDEZ TERESA	Pacific Telephone
1967	Brown Travis L	Pacific Telephone
1962	Nickerson Richard	Pacific Telephone
1958	Price L L	Pacific Telephone
1942	Hernel Bert J Ester T crmrywkr	Los Angeles Directory Co.
	Harvel Bert J Estber clk	Los Angeles Directory Co.
1937	Harvel Bert J Esther ship dept Challenge Cream & Butter Assn	Los Angeles Directory Co.
1933	THOMPSON Chester H carp	Los Angeles Directory Co.
	THOMPSON Melville Mauude T jan City Bd of Educ	Los Angeles Directory Co.
1929	Campbell Alex Carrie jan	Los Angeles Directory Co.
1924	Rhom Edwd J lather r	Los Angeles Directory Co.
	FOSTER W J plstr h	Los Angeles Directory Co.

### 1254 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Burns Almetra Ann	Pacific Telephone
1942	PATTERSON Ralph aircrftwkr	Los Angeles Directory Co.
	PATTERSON Eleanor wid R R	Los Angeles Directory Co.
1937	Pickell Willard R	Los Angeles Directory Co.
1933	Goodhue Paul C Nina potter	Los Angeles Directory Co.
1929	WILSON Marjorie Mrs clk h	Los Angeles Directory Co.

### 1256 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CESAR HERNANDEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	DOROTHY FAIRWEATHER	Cole Information Services
	ROBERTO SABORIO	Cole Information Services
	MAURICIO CORNEJO	Cole Information Services
	LIMBER RAMIREZ	Cole Information Services
	WILLIAM MUSCHAMP	Cole Information Services
	RAFAEL DEPAZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a GUTIERREZ Custodio	Haines Company, Inc
2004	SAMUEL GOMEZ	Cole Information Services
	LIMBER RAMIREZ	Cole Information Services
	ALBERTO CANO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	RAFAEL DEPAZ	Cole Information Services
	MAURICIO CORNEJO	Cole Information Services
	ROBERTO SABORIO	Cole Information Services
	NORMA RODRIGUEZ	Cole Information Services
	DOROTHY FAIRWEATHER	Cole Information Services
	WILLIAM MUSCHAMP	Cole Information Services
	LIMBER RAMIREZ	Cole Information Services
1990	RUIZ SANTIAGO HUGO	Pacific Bell
1986	PITTS CHALONDA	Pacific Bell
1981	OLVERA SOCORRO	Pacific Telephone
1976	Olvera Socorro	Pacific Telephone
1967	Futterman H Mrs	Pacific Telephone
1962	Futterman H Mrs	Pacific Telephone
1958	Futterman H Mrs	Pacific Telephone
1942	Anyzeski Roman L Stella acct	Los Angeles Directory Co.
	GOODHUE Paul Nina fctywkr	Los Angeles Directory Co.
	Papierniak Walter pkr	Los Angeles Directory Co.
1937	Futterman Henry H Bessie printer	Los Angeles Directory Co.
	LARSEN Richd Violet	Los Angeles Directory Co.
	LARSON Richd chauff	Los Angeles Directory Co.
	Lyon Willard G Margt	Los Angeles Directory Co.
1933	Futterman Henry Bess printer	Los Angeles Directory Co.
	Prisk Agnes Mrs sten	Los Angeles Directory Co.
	Prisk Ralph Agnes slsmn Ingersoll Rand Co	Los Angeles Directory Co.
1929	Futterman May sten	Los Angeles Directory Co.
	Futterman Henry H printer	Los Angeles Directory Co.
	Futterman Benj Anna tailor	Los Angeles Directory Co.
1924	Futterman Mary h	Los Angeles Directory Co.
	Futterman Hyman H printer r	Los Angeles Directory Co.
	Futterman Benj tailor h	Los Angeles Directory Co.

## FINDINGS

### 1257 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VICTOR MARTINEZ	Cole Information Services
2009	CARLOS MONTEAGUDO	Cole Information Services
2006	ALARCONMaudmo	Haines Company, Inc
	MARTINEZ Daysl	Haines Company, Inc
	MONRROY Maurido	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	CARLOS MONTEAGUDO	Cole Information Services
1994	BOBADIYA, RUBEN M	Cole Information Services
1990	BOBADIYA RUBEN MARTINEZ	Pacific Bell
1981	ADAMS ROSE A	Pacific Telephone
1976	Adams Rose A	Pacific Telephone
	Adams Albert E	Pacific Telephone
1971	Adams Albert E	Pacific Telephone
	Adams Rose A	Pacific Telephone
1967	Adams Albert E	Pacific Telephone
	Adams Rose A	Pacific Telephone
1962	Adams Albert E	Pacific Telephone
1958	Adams Albert E	Pacific Telephone
1937	GALLAGHER Johanne Mrs	Los Angeles Directory Co.
1933	SULLIVAN Frances Mrs	Los Angeles Directory Co.
	GALLAGHER Johanna Mrs	Los Angeles Directory Co.
	Rhom Mary Mrs	Los Angeles Directory Co.
1929	FOSTER Wm J Josephine plstr	Los Angeles Directory Co.
1924	Riley Saml J h	Los Angeles Directory Co.

### 1258 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1259 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROSA MORALES	Cole Information Services
2009	ROSA MORALES	Cole Information Services
2006	MORALES Rosa	Haines Company, Inc
2004	DAVID BELMONTE	Cole Information Services
1999	ROSA MORALES	Cole Information Services



## FINDINGS

### 1260 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Haughton Mary r	Los Angeles Directory Co.

### 1261 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	SNYDER Ruth M clk r	Los Angeles Directory Co.

### 1287 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	GALLAGHER John	Los Angeles Directory Co.

### 1304 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services
1924	Mc Clatchy Keith firemn L A F D h	Los Angeles Directory Co.

### 1306 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANTONIA MEDRANO	Cole Information Services
	RUFINA SANTAMARIA	Cole Information Services
	JUANA SOTO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	JUANA SOTO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	RUFINA SANTAMARIA	Cole Information Services
2006	SOTO Juana	Haines Company, Inc
	SANTAMARIARuina	Haines Company, Inc
2004	RUFINA SANTAMARIA	Cole Information Services
	JUANA SOTO	Cole Information Services
1999	JUANA SOTO	Cole Information Services
	RUFINA SANTAMARIA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1976	Verduzco Manuel	Pacific Telephone
	Trujillo Efran	Pacific Telephone
1962	Booker Jas Jr	Pacific Telephone
1958	Stewart Virgil	Pacific Telephone
	Booker Jas Jr	Pacific Telephone
1942	LAWRENCE Cordon W Marie bkpr	Los Angeles Directory Co.
	LANE Edna F Mrs clk Genl Hosp	Los Angeles Directory Co.
1937	Bagwell Edw M Lillian slsmn	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Sobel Edw Ruth wrapper	Los Angeles Directory Co.
1933	Brock Dorothy Mrs	Los Angeles Directory Co.
	Heinzman John G Lucile slsmn	Los Angeles Directory Co.
	LOVE Homer N slsmn	Los Angeles Directory Co.
	Mc DONAGH Jos B Ruth H slsmn	Los Angeles Directory Co.
1929	Gheno Dominico Helen oilwkr	Los Angeles Directory Co.
	Camp Benj L Eliz	Los Angeles Directory Co.

### 1307 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TAYLO WILLIAM	Cole Information Services
2009	A WILLIAM	Cole Information Services
2004	WILLIAM TAYLOR	Cole Information Services
1999	A WILLIAM	Cole Information Services
1994	TAYLOR, WILLIAM A	Cole Information Services
1990	TAYLOR WM A	Pacific Bell
1986	TAYLOR WM A	Pacific Bell
1981	TAYLOR WM A	Pacific Telephone
1976	Taylor Wm A	Pacific Telephone
1971	Taylor Wm A	Pacific Telephone
1967	Taylor Wm A	Pacific Telephone
1962	Taylor Wm A	Pacific Telephone
1958	Taylor Wm A	Pacific Telephone
1942	STEWART Chas D Bess with J F Daly Artificial Limb Co	Los Angeles Directory Co.
1937	DICKINSON Geo F Edna M electn	Los Angeles Directory Co.
1933	GUINN Harry F lab	Los Angeles Directory Co.
	Branson Della M Mrs	Los Angeles Directory Co.
	Branch Oliver slsmn	Los Angeles Directory Co.
1929	GUINN Albt J Sadie oilwkr	Los Angeles Directory Co.
1924	Parsley Robt O clo prsr h	Los Angeles Directory Co.

### 1308 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HEIDY RIVERA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	FIDEL GUTIERREZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	HEIDY RIVERA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GUTIERREZ Fidel	Haines Company, Inc
	RIVERA Heldy	Haines Company, Inc
2004	FIDEL GUTIERREZ	Cole Information Services
1999	FIDEL GUTIERREZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	HEIDY RIVERA	Cole Information Services
1976	Gomez Danl	Pacific Telephone
1971	Williams Willie Ann	Pacific Telephone
1967	Fletcher G N	Pacific Telephone
1962	Ingram Mackneal	Pacific Telephone
	Tabani Leslie	Pacific Telephone
	Ingram Bessie	Pacific Telephone
1958	Sweet John G	Pacific Telephone
	Tabani Leslie	Pacific Telephone
1942	JANES Grace M tchr Pub Sch	Los Angeles Directory Co.
	CHAPMAN Lester V Florence aircrftwkr	Los Angeles Directory Co.
	Rogers Buford F Veronica restr	Los Angeles Directory Co.
1937	Mc Clatchy Keith Myrtle A eng LAPD	Los Angeles Directory Co.
	Gilmartin Wm J Mabel slsmn Pep Boys Inc	Los Angeles Directory Co.
1933	Mc Clatchey Keith Myrtle A firemn LAFD	Los Angeles Directory Co.
	ROSE Lorraine Apartments	Los Angeles Directory Co.
	Vawter Edgar A Flossa M slsmn	Los Angeles Directory Co.
1929	Mc Clatchy Keith eng LAFD	Los Angeles Directory Co.
	Mc Clatchy Keith Myrtle firemn	Los Angeles Directory Co.
	Travers Frank E clk Rv MS h	Los Angeles Directory Co.
	Travers Lillian Carter cashr Fidelity & Deposit Co of Md r	Los Angeles Directory Co.

### 1309 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1310 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Woods Vora J	Pacific Telephone

### 1311 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WILLIAM WILLFORD	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	WILLIAM WILLFORD	Cole Information Services
2006	a WILLFORD Wm	Haines Company, Inc
2004	WILLIAM WILLFORD	Cole Information Services
1999	WILLIAM WILLFORD	Cole Information Services
1994	WILLFORD, WILLIAM	Cole Information Services
1990	WILLFORD WM	Pacific Bell
1986	WILLFORD WM	Pacific Bell
1981	WILLFORD WM	Pacific Telephone
	WILLFORD WM	Pacific Telephone
1971	Willford Wm	Pacific Telephone
1967	Turner Johnny	Pacific Telephone
1958	Velasquez Felix C	Pacific Telephone

### 1312 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LAMBERTO LOPEZ	Cole Information Services
2009	LAMBERTO LOPEZ	Cole Information Services
2006	a LOPEZ Sonia	Haines Company, Inc
2004	ANTONIA ZALDIVAR	Cole Information Services
1999	LAMBERTO LOPEZ	Cole Information Services
1994	HARDING, ULYSSES	Cole Information Services
1942	Brownlee Thos Marion	Los Angeles Directory Co.
	ROBERTSON Hisle M gdnr CPD	Los Angeles Directory Co.
1937	ROBERTSON Hsle M gdnr Park Dept	Los Angeles Directory Co.
	Brownlee Thos Marion mach	Los Angeles Directory Co.
1933	Brownlee Thos Marion blksmth	Los Angeles Directory Co.
	ROBERTSON Hisle M gdnr Park Dept	Los Angeles Directory Co.
1929	Brownlee Thos Marian blksmth	Los Angeles Directory Co.
1924	Brownlee Thos blksmth h	Los Angeles Directory Co.
	Brownlee Jas clk r	Los Angeles Directory Co.

### 1313 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Shay John C writer h	Los Angeles Directory Co.

### 1314 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	JONES Mae radio asmlr	Los Angeles Directory Co.

## FINDINGS

### 1315 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	DAJUAN FOWLER	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	DAJUAN FOWLER	Cole Information Services
1942	Strausheim Sander Lydia lab	Los Angeles Directory Co.
1937	Parker Alan Edith truck driver	Los Angeles Directory Co.
1933	CLARE Simon G Ida R printer	Los Angeles Directory Co.
1929	EARLEY Eliz H	Los Angeles Directory Co.

### 1316 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WENDELL WOODS	Cole Information Services
2006	WOODS WII Ilie	Haines Company, Inc
2004	DONNA WOODS	Cole Information Services
1971	Woods Peggy	Pacific Telephone
1942	Summerhays Donald S Hilda printer	Los Angeles Directory Co.
1937	OLSEN Aksel W Harriet T checker	Los Angeles Directory Co.
1933	HUDSON Kay B Olive M printer	Los Angeles Directory Co.
1924	DODDS Roy C eng L A F D h	Los Angeles Directory Co.

### 1317 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SABAS MUNOZ	Cole Information Services
2009	SABAS TRUCKING	Cole Information Services
	SABAS MUNOZ	Cole Information Services
2006	a MUNOZ Sabas	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	SABAS MUNOZ	Cole Information Services
1994	CAMPOS, MAGDALE	Cole Information Services
1990	HERNANDEZ DELFINA	Pacific Bell
1976	James Larry	Pacific Telephone
1962	Mullen Lucille M	Pacific Telephone
1958	Morales Elvira	Pacific Telephone
1942	SCULLY Wm O plmbr	Los Angeles Directory Co.
	FOREWAN Agnes M Mrs	Los Angeles Directory Co.
	PAUL Elmer slsmn	Los Angeles Directory Co.
	PAUL Roy E slsmn J A Nadeau Co	Los Angeles Directory Co.
	SAMS Maida Mrs	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	HALL Jennie F wid H A	Los Angeles Directory Co.

### 1318 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LINDA WOODS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	JOSEPHUS WONG	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1990	SIMON DONNA	Pacific Bell
1981	WOODS WILLIE C	Pacific Telephone
1976	Bizzell Willie C	Pacific Telephone
1967	Williams Angeline	Pacific Telephone
1962	Woods Foy C	Pacific Telephone
1942	SHAW Tim F clk	Los Angeles Directory Co.
	SHAW Clarence F Betty slsmn T D Nelson	Los Angeles Directory Co.
	Littleton Ella M wid S B	Los Angeles Directory Co.
1937	CALDWELL Harold Fern br mgr Gallen Kamps Stores	Los Angeles Directory Co.
1933	DODDS Evelyn L mlnr	Los Angeles Directory Co.
	DODDS Roy C Eva W firemn LAFD	Los Angeles Directory Co.
1929	DODDS Wm R clk	Los Angeles Directory Co.
	DODDS Roy C Dorothy eng LAFD	Los Angeles Directory Co.

### 1321 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1322 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELLA DOSS	Cole Information Services
2006	HAWTHORN Cindy	Haines Company, Inc
	HAWTHORNE Cindy	Haines Company, Inc
	HAWTHORNE CIndy	Haines Company, Inc
	HAWTHRONE Cindy	Haines Company, Inc
1942	Beetham Samo D Eliz	Los Angeles Directory Co.
1937	Beetham Saml Eliz M jan	Los Angeles Directory Co.
1933	Beathem Saml	Los Angeles Directory Co.
	Beetham Saml emp Gladding Mc Bean & Co	Los Angeles Directory Co.
1929	Beetham Saml Eliz	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	DAVIS Lillian C nurse r	Los Angeles Directory Co.
	Billitti Anthony M glazier h	Los Angeles Directory Co.

### 1323 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	ALVARADO Juan	Haines Company, Inc
	AQUINO Luls	Haines Company, Inc
	a ASCENCIO Agust In	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	HENDERSON, HOLLI	Cole Information Services
1967	Hurst Ernest K	Pacific Telephone
	Hurst Mercedes	Pacific Telephone
1962	Passantino Toni	Pacific Telephone
1958	Passantino Toni	Pacific Telephone
1942	Passantino Anthony Ella slsmn	Los Angeles Directory Co.
	Passutino Ella Indywkr	Los Angeles Directory Co.
1937	Passantino Anthony Eila	Los Angeles Directory Co.
1933	ALLEN Mary Mrs	Los Angeles Directory Co.
1929	ALLEN Jas Mary	Los Angeles Directory Co.
1924	ALLEN Jas lab h	Los Angeles Directory Co.

### 1324 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1326 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TEODORO ORTIZ	Cole Information Services
2004	PEREZ TECUAHUEY	Cole Information Services
1981	FLOYD E	Pacific Telephone
1976	Fowler Floyd E	Pacific Telephone
1971	Fowler Floyd E	Pacific Telephone
1967	Fowler Floyd F	Pacific Telephone
1962	Fowler Floyd E	Pacific Telephone
1958	Fowler Floyd E	Pacific Telephone
1942	FOWLER Floyd E Grace	Los Angeles Directory Co.
	FOWLER Grace M beauty opr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	FOWLER Floyd E Grace B electn	Los Angeles Directory Co.
1933	FOWLER Floyd Grace lab	Los Angeles Directory Co.
1929	FOWLER Floyd E Grace electn	Los Angeles Directory Co.
1924	FOWLER Floyd E electr h	Los Angeles Directory Co.

### 1327 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MANUEL SANCHEZ	Cole Information Services
2009	MANUEL SANCHEZ	Cole Information Services
2006	SANCHEZManuel	Haines Company, Inc
2004	MANUEL SANCHEZ	Cole Information Services
1999	MANUEL SANCHEZ	Cole Information Services
1958	Staff Jas	Pacific Telephone
1942	Steff Jas M	Los Angeles Directory Co.
1937	Staff Jas tailor	Los Angeles Directory Co.
1933	Whittle Anna M wid C T bndry wkr	Los Angeles Directory Co.
1929	Whittle Anna wid Albt bkbndr h	Los Angeles Directory Co.
1924	Whittle Anna M wid C T bkbndr h	Los Angeles Directory Co.

### 1328 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	MARIA ISIDORO	Cole Information Services
2004	MARIA ISIDRO	Cole Information Services
1999	MARIA ISIDORO	Cole Information Services
1929	LEWIS Jesse D Mary plmbr	Los Angeles Directory Co.

### 1329 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	MARGARITA RIVERA	Cole Information Services
2006	a RIVERA Margarita C	Haines Company, Inc
2004	MARGARITA RIVERA	Cole Information Services
1999	MARGARITA RIVERA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1986	RAMOS JOSE PINTO	Pacific Bell
1976	Ramirez Mireida Gomez	Pacific Telephone
1971	Sanchez Manuel	Pacific Telephone
1967	Sanchez Manuel	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Sanchez Manuel	Pacific Telephone

### 1331 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ENDY PERALTA	Cole Information Services
2009	JUAN FERNANDEZ	Cole Information Services
2006	DIAZ Maria a FERNANDEZJuan	Haines Company, Inc Haines Company, Inc
2004	JUAN FERNANDEZ	Cole Information Services
1999	JUAN FERNANDEZ	Cole Information Services
1994	TAYLOR, F L	Cole Information Services
1990	TAYLOR F L MRS	Pacific Bell
1986	TAYLOR F L MRS	Pacific Bell
1981	TAYLOR F L MRS	Pacific Telephone
1976	Taylor F L Mrs	Pacific Telephone
1971	Taylor F L Mrs	Pacific Telephone
1967	Taylor F L Mrs	Pacific Telephone
1958	Mims Wriz	Pacific Telephone
1942	POOLE Rolland J Kathlyn meat ctr POOLE Kath I Mrs sten Employers Casualty Co	Los Angeles Directory Co. Los Angeles Directory Co.
1937	Frusher Herbt N Frances L driver	Los Angeles Directory Co.
1929	MURRAY Philip Lucille chauf	Los Angeles Directory Co.

### 1332 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RICHARD SCOTT	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	MELANIE SMITH-CHARLES	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Knott Jas E	Pacific Telephone
1962	Knott Jas E	Pacific Telephone
1958	Knott Jas E	Pacific Telephone
1942	BEE Wm H Eunice M carp	Los Angeles Directory Co.
1937	Flenniken Ralph G Sophia emp Calif Club	Los Angeles Directory Co.
1933	Brownlee Jas Eleanora clk	Los Angeles Directory Co.
1929	Jarrett Wm H Margt auto pntr	Los Angeles Directory Co.
1924	BROWN Roy S carp h	Los Angeles Directory Co.

## FINDINGS

### 1333 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SERGIO AGUINEGA	Cole Information Services
2009	SERGIO AGUINEGA	Cole Information Services
2006	TORRESAGUINEGA	Haines Company, Inc
	Serglo	Haines Company, Inc
	MENDOZA Michelle	Haines Company, Inc
2004	SERGIO AGUINEGA	Cole Information Services
1999	SERGIO AGUINEGA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	NICKENS, ALFRED	Cole Information Services
1990	NICKENS ALFRED	Pacific Bell
1986	NICKENS ALFRED	Pacific Bell
1981	NICKENS ALFRED	Pacific Telephone
1971	Harrington Margie	Pacific Telephone
1967	Harrington Margie	Pacific Telephone
1962	Taylor David	Pacific Telephone
	Taylor F L Mrs	Pacific Telephone
1958	Taylor F L Mrs	Pacific Telephone
1937	Koering Ella M wid F H	Los Angeles Directory Co.
	Koering Fred G barber	Los Angeles Directory Co.
	Maxwell Leonard V Avery millmn	Los Angeles Directory Co.
1933	Bench Edw B slsmn Western Dairy Products	Los Angeles Directory Co.
	BENCH Isabelle Mrs	Los Angeles Directory Co.
	Kleinheinz Leo W Vivian G millmn	Los Angeles Directory Co.
1929	Lazarus Christian C Anna	Los Angeles Directory Co.
1924	Mole Peter jr elec eng h	Los Angeles Directory Co.

### 1336 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	KELLY WILLIAMS	Cole Information Services
2006	WILLIAMS Kelly	Haines Company, Inc
2004	KELLY WILLIAMS	Cole Information Services
1999	KELLY WILLIAMS	Cole Information Services
1971	Williams Octavia	Pacific Telephone
1967	Williams Octavia	Pacific Telephone
1962	Williams Octavia	Pacific Telephone
1958	Benveniste Juda M	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	HAYNES Geo H Edna chiropractor	Los Angeles Directory Co.
1937	Ezell A Morris Eva linemn	Los Angeles Directory Co.
1933	Martin Jas A Ruth police	Los Angeles Directory Co.
1929	Glanzman Geo J Lorena mail collr	Los Angeles Directory Co.
1924	Busby Albt L plastr h	Los Angeles Directory Co.

### 1337 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MIGUEL DIEGO	Cole Information Services
2009	MIGUEL DIEGO	Cole Information Services
2006	a VALLE Miguel	Haines Company, Inc
2004	MIGUEL VALLE	Cole Information Services
1999	MIGUEL DIEGO	Cole Information Services
1971	Fuller Bettie	Pacific Telephone
1967	Fuller Bettie	Pacific Telephone
1962	Fuller Bettie	Pacific Telephone
1942	SHAW Frances M with Dictaphone Core	Los Angeles Directory Co.
	DOYLE Lenore mach opr	Los Angeles Directory Co.
1937	Brownlee Jas E Eleanora W clk SP Co	Los Angeles Directory Co.
1933	Saviers Walter J Cora B auto mech	Los Angeles Directory Co.
1929	Saviers Walter J Cora driver h	Los Angeles Directory Co.

### 1338 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	FORT Josw Jennie carp	Los Angeles Directory Co.

### 1341 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PRUDENCIA LAMBHEY	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1342 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a ESPINAL Norma	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Laskell Richard R	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Laskelle Richard R	Pacific Telephone
1958	Laskelle Richard R	Pacific Telephone
1942	STEWART Laura	Los Angeles Directory Co.
1937	THOMPSON Florence Mrs	Los Angeles Directory Co.
1933	Rowlett Wm A Jessie lab	Los Angeles Directory Co.
	Rowlett Jack Bertha chauf	Los Angeles Directory Co.
	Rowlett Guy concretewkr	Los Angeles Directory Co.
1929	CALDER John F Irene auto mech	Los Angeles Directory Co.
1924	WINN Mont plastr h	Los Angeles Directory Co.

### 1343 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	YVONNE LAMBEY	Cole Information Services
2006	a LAMBEYYvonne	Haines Company, Inc
2004	PRUDENCIA LAMBEY	Cole Information Services
1999	YVONNE LAMBEY	Cole Information Services
1981	MEYERS DOROTHY	Pacific Telephone
1976	Meyers Dorothy	Pacific Telephone
	Green Henry L	Pacific Telephone
1971	Livingston Rita C	Pacific Telephone
	Meyers Dorothy	Pacific Telephone
1967	Meyers Dorothy	Pacific Telephone
1962	Meyers Dorothy	Pacific Telephone
1958	Meyers Dorothy	Pacific Telephone
1942	POWELL Michl J Antoinette tailor	Los Angeles Directory Co.
	MORAN Rosemary	Los Angeles Directory Co.
	Moran Doreen tel opr	Los Angeles Directory Co.
	Moran Annsh I Mrs	Los Angeles Directory Co.
1937	Mac Donald John H Ellen watchmkr	Los Angeles Directory Co.
	Mac DONALD C Frank clk	Los Angeles Directory Co.
1933	Zoll Clarence A auto mech	Los Angeles Directory Co.
1929	Zoll Malcolm h	Los Angeles Directory Co.
1924	Zoll Clarence R auto mech r	Los Angeles Directory Co.

### 1346 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBYN NEWCHURCH	Cole Information Services
2009	PHILLIP HENDERSON	Cole Information Services
	MELANIE GIVENS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2004	GREGORY ANTOINE	Cole Information Services
	DARLENE WINGSTER	Cole Information Services
	MELANIE GIVENS	Cole Information Services
	MAG LIDDELL	Cole Information Services
1999	PHILLIP HENDERSON	Cole Information Services
	MELANIE GIVENS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	POINDEXTER, EDDIE	Cole Information Services
1986	KLEAN-RITE BUILDING MAINTENANCE SERVICE	Pacific Bell
	JONES ALBERT REV	Pacific Bell
1981	JONES ALBERT REV	Pacific Telephone
	KLEAN RITE BUILDING MANITENANCE SERVICE	Pacific Telephone
1976	Klean Rite Building Maintenance Service	Pacific Telephone
1971	Jones Albert Rev	Pacific Telephone
1967	Jones Albert Rev	Pacific Telephone
1962	Jakob Albert	Pacific Telephone
1958	Lee David Yen Dr	Pacific Telephone
1942	BEAUCHAMP Manuel Esther electn	Los Angeles Directory Co.
1929	Simmer Michl h	Los Angeles Directory Co.
1924	Simmer Michl ac acct Raymond Granite Co h	Los Angeles Directory Co.

### 1347 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANNA HERNANDEZ	Cole Information Services
2009	J IBARRA	Cole Information Services
2006	HERNANDEZ Anna	Haines Company, Inc
	TERRY Sharn A	Haines Company, Inc
2004	SHARON TERRY	Cole Information Services
1999	J IBARRA	Cole Information Services
1994	KNIGHT, DUTY G	Cole Information Services
1990	KNIGHT DUTY G	Pacific Bell
1986	KNIGHT DUTY G	Pacific Bell
1981	KNIGHT DUTY G	Pacific Telephone
1976	Knight Duty G	Pacific Telephone
1958	De George Peter	Pacific Telephone
1942	MOON Morris E Joanne woodwkr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Syfert Robt B chiropractor	Los Angeles Directory Co.
1933	PIERCE Roy May J carp	Los Angeles Directory Co.
1929	PIERCE Roy May carp	Los Angeles Directory Co.

### 1348 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Zoll Malcolm motrmn h	Los Angeles Directory Co.

### 1349 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SABAS IBARRA	Cole Information Services
2009	S IBARAS	Cole Information Services
2006	IBARASS	Haines Company, Inc
2004	HERNANDEZ FAMILY DAY CARE	Cole Information Services
1999	S IBARAS	Cole Information Services

### 1352 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GENOLA TURNER	Cole Information Services
2009	GENOLA TURNER	Cole Information Services
2006	a TURNER Genola	Haines Company, Inc
2004	GENOLA TURNER	Cole Information Services
1999	GENOLA TURNER	Cole Information Services
1981	TURNER ISIKIAH	Pacific Telephone
1976	Turner Isikiah	Pacific Telephone
1971	Turner Isikiah	Pacific Telephone
1967	Turner Isikiah	Pacific Telephone
1942	WILSON John Edith	Los Angeles Directory Co.
	WILSON Edith A clk	Los Angeles Directory Co.
1937	WILSON John Edith A lab	Los Angeles Directory Co.
	WILSON Edith A clk	Los Angeles Directory Co.
1933	WARREN Eula M nurse Gen Hosp	Los Angeles Directory Co.
	Warren Albt B formn Western Dairy Products	Los Angeles Directory Co.
	Garner Arth H Georgina clk	Los Angeles Directory Co.
1929	WARREN Roy auto mech r	Los Angeles Directory Co.
	WARREN Albt B Velma formn Cal Dairies Inc h	Los Angeles Directory Co.
1924	Frederiksen E M dairymn h	Los Angeles Directory Co.

## FINDINGS

### 1353 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LOUIS BLACKMON	Cole Information Services
2009	LOUIS BLACKMON	Cole Information Services
2006	a BLACKMON Louis	Haines Company, Inc
2004	LOUIS BLACKMON	Cole Information Services
1999	LOUIS BLACKMON	Cole Information Services
1967	Blackmon Louis	Pacific Telephone
1962	Blackmon Louis	Pacific Telephone
1958	Blackmon Louis	Pacific Telephone
1942	Babich Irma I smstrs	Los Angeles Directory Co.
	Babich Jos Amelia Jan	Los Angeles Directory Co.
1937	WILLSON Elwyn A Alice V plstr	Los Angeles Directory Co.
	WILLSON Harvey L Hazel M factywkr	Los Angeles Directory Co.
1933	JENSEN Carl P Lois wrapper	Los Angeles Directory Co.
1929	Gehr Albt J Clara pntr	Los Angeles Directory Co.
1924	HOWELL Marshall K carp r	Los Angeles Directory Co.
	HOWELL Wm O carp h	Los Angeles Directory Co.

### 1355 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JEMELIA COX	Cole Information Services
1999	JEMELIA COX	Cole Information Services

### 1356 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Hurlbert Cath R nurse	Los Angeles Directory Co.
	MESSENGER Olive I clk r	Los Angeles Directory Co.
	Hurlbert Robt A carp h	Los Angeles Directory Co.

### 1357 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALFONSO ALVARADO	Cole Information Services
2009	OTILIA ORDONEZ	Cole Information Services
2006	a MENDEZ Francisco	Haines Company, Inc
1999	OTILIA ORDONEZ	Cole Information Services
1958	Pierson Evangeline	Pacific Telephone
1933	Monson Jas L lab	Los Angeles Directory Co.
	Monson Fay mech	Los Angeles Directory Co.
	Monson Chas F Irene mach	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	HOWARD Wm L Mamie clk	Los Angeles Directory Co.

### 1359 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FRANCISCO MENDEZ	Cole Information Services
2009	FRANCISCO MENDEZ	Cole Information Services
2006	MENDEZ Francisco J	Haines Company, Inc
2004	FRANCISCO MENDEZ	Cole Information Services
1999	FRANCISCO MENDEZ	Cole Information Services

### 1397 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	TAYLOR William WILLIAM ATaylor	Haines Company, Inc Haines Company, Inc

### 1400 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ANA MENDEZ	Cole Information Services
2006	a MELENDEZ Mariene	Haines Company, Inc
1999	ANA MENDEZ	Cole Information Services
1924	TEMPLE & Collins C L Temple J G Collins real est	Los Angeles Directory Co.

### 1404 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	N VELASCO	Cole Information Services
2006	LARAAAna D	Haines Company, Inc
2004	ANA LARA	Cole Information Services

### 1406 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS MOCTEZUMA	Cole Information Services
2009	CARLOS MOCTEZUMA	Cole Information Services
2006	a MOCTEZUMA Carios	Haines Company, Inc
2004	NELSON MORALES	Cole Information Services
1999	CARLOS MOCTEZUMA	Cole Information Services

### 1407 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	DEBBIE WASHINGTON	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	ADLEAN BENSON	Cole Information Services
1999	DEBBIE WASHINGTON	Cole Information Services

### 1410 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	MARIA GUEVARA	Cole Information Services
2006	GUEVARA Maa	Haines Company, Inc
2004	MARIA GUEVARA	Cole Information Services
1999	MARIA GUEVARA	Cole Information Services

### 1411 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Maze Walter	Pacific Telephone
1967	Jordan Mary L	Pacific Telephone
1962	Black Anice	Pacific Telephone
1958	Black Anice	Pacific Telephone
1942	WARNER Guy mech	Los Angeles Directory Co.
	FISCHER Jas A mech	Los Angeles Directory Co.
	FISCHER Mae Mrs sten	Los Angeles Directory Co.
	Hames Anna F Mrs	Los Angeles Directory Co.
1937	Hames Anna F Mrs	Los Angeles Directory Co.
	SEIFERT Chas garage supt Langendorf United Bakeries Inc	Los Angeles Directory Co.
1933	MELTZER Annie Mrs	Los Angeles Directory Co.
	MELTZER Evelyn clk	Los Angeles Directory Co.
	Peugeot Boyd Goldie civ eng	Los Angeles Directory Co.
1929	WOLFF Fredk actor r rear	Los Angeles Directory Co.
	MELTZER Evelyn	Los Angeles Directory Co.
	MELTZER Annie Mrs	Los Angeles Directory Co.
	DANIEL John F Effie lab	Los Angeles Directory Co.
	Daniel Grace L beauty opr	Los Angeles Directory Co.
	WOLFF Lura wid J W h rear	Los Angeles Directory Co.
	WOLFF Perry actro r rear	Los Angeles Directory Co.
1924	Pickett Dave bellmn r	Los Angeles Directory Co.
	WILLIAMS Thos J painter h	Los Angeles Directory Co.

### 1412 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDWIN MEJIA	Cole Information Services
2009	CARMELITA BALTAZAR	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BALTAZAR Carmelita	Haines Company, Inc
	a MEJIA Carmelta	Haines Company, Inc
2004	CARMELITA BALTAZAR	Cole Information Services
1999	CARMELITA BALTAZAR	Cole Information Services

### 1414 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Ross Eddie	Pacific Telephone

### 1415 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	INGRID LEMUS	Cole Information Services
2009	JOSE HERNANDEZ	Cole Information Services
2006	HERNANDEZ Jose A	Haines Company, Inc
2004	JOSE HERNANDEZ	Cole Information Services
1999	JOSE HERNANDEZ	Cole Information Services
1990	JEFFERSON M	Pacific Bell
1981	JACKSON BEVERLY	Pacific Telephone
1962	Glynn Edith Marie Warner & Glynn Typewriter Serv	Pacific Telephone
	Warner & Glynn Typewriter Serv	Pacific Telephone
1958	Glynn Edith Marie Warners Typewriter Serv	Pacific Telephone
	Warners Typewriter Serv	Pacific Telephone
1942	Douglas Geo M aircrftwkr	Los Angeles Directory Co.
	Douglas Edrie Mrs	Los Angeles Directory Co.
	Sautter Calvin carrier PO	Los Angeles Directory Co.
1937	BABCOCK Walter R Bessie B chauf	Los Angeles Directory Co.
1933	Riccio Frank Margt steelwkr	Los Angeles Directory Co.
	RUSSELL Donald steelwkr	Los Angeles Directory Co.
1929	BURGESS Wm Margt carrier	Los Angeles Directory Co.

### 1416 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SANDRA BARRERA	Cole Information Services
2009	SANDRA BARRERA	Cole Information Services
2006	a VARGAS Jose	Haines Company, Inc
2004	SANDRA BARRERA	Cole Information Services
1999	SANDRA BARRERA	Cole Information Services
1958	Kelley Earnest J	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Mc Ginty Henry broommkr	Los Angeles Directory Co.
	Mc Ginty Ellen wid D A	Los Angeles Directory Co.
1937	Mesloh Ruth Mrs clk	Los Angeles Directory Co.
1933	Zimmer Gloria	Los Angeles Directory Co.
	Zimmer Marjorie bkpr	Los Angeles Directory Co.
	Zimmer Violet Mrs	Los Angeles Directory Co.
1929	Smock Edw Pauline glassblower h	Los Angeles Directory Co.
	Starry John prsmn r	Los Angeles Directory Co.
	PARKER Edw wtchmn	Los Angeles Directory Co.

### 1417 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA JIMENEZ	Cole Information Services
	ANA MOLINA	Cole Information Services
2009	NICK GONZALES	Cole Information Services
	ANA MOLINA	Cole Information Services
2006	o JIMENEZMaria	Haines Company, Inc
2004	ESTEBAN JIMENEZ	Cole Information Services
1999	NICK GONZALES	Cole Information Services
	ANA MOLINA	Cole Information Services
1990	JIMENEZ GUADALUPE B	Pacific Bell
1986	JIMENEZ GUADALUPE B	Pacific Bell
1981	JIMENEZ GUADALUPE B	Pacific Telephone
1976	Jimenez Guadalupe B	Pacific Telephone
1971	Jimenez Guadalupe B	Pacific Telephone
1967	Jimenez Guadalupe B	Pacific Telephone
1962	Lytle Curtis J Elder	Pacific Telephone
1958	Britt L Cleopatra	Pacific Telephone
	Britt Jas	Pacific Telephone
1942	BURGESS Marguerite	Los Angeles Directory Co.
1937	BURGESS Wm Margt clk	Los Angeles Directory Co.
1933	BURGESS Wm Marguerite msngr	Los Angeles Directory Co.

### 1418 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELIU MONTERROZA	Cole Information Services
2009	ELIU MONTERROZA	Cole Information Services
	ELIU MELARA	Cole Information Services
2006	MONTERROZA Ellu	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FLORES Estevana a MELARA Ellu	Haines Company, Inc Haines Company, Inc
2004	ESTEVANA FLORES LINO LEDESMA ELIU MONTERROZA JUAN HASBUN ELIU MELARA	Cole Information Services Cole Information Services Cole Information Services Cole Information Services Cole Information Services
1999	ELIU MONTERROZA ELIU MELARA	Cole Information Services Cole Information Services
1990	WHITE DOROTHY	Pacific Bell
1986	DRIVER ROBERTA	Pacific Bell
1962	Moon V A	Pacific Telephone
1958	Gottlieb Gertrude	Pacific Telephone
1942	Gottlieb Jack Gertrude sign pntr	Los Angeles Directory Co.
1937	GOTTLIEB Jack Gertrude sign pntr	Los Angeles Directory Co.
1933	Sather Roger G mach Gottlieb Jack Gertrude sign pntr Ferer Jos E pntr	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.
1929	GOTTLIEB Jacob	Los Angeles Directory Co.
1924	Gottlieb Jack painter r Giersburg Max h	Los Angeles Directory Co. Los Angeles Directory Co.

### 1419 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ERIBERTO ANGUIANO	Cole Information Services
2006	a ANGUIANO r Eberto a ALFAROJose	Haines Company, Inc Haines Company, Inc
2004	ERIBERTO ANGUIANO	Cole Information Services
1999	OCCUPANT UNKNOWN ERIBERTO ANGUIANO	Cole Information Services Cole Information Services
1981	JONES BRENDA L	Pacific Telephone
1942	THOMPSON Emma L Mrs walter THOMPSON C W Rigdon Chas J Rosalie welder	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.
1937	Ostler Clinton H Edith tractor opr County Road Dept	Los Angeles Directory Co.
1933	LEWIS Alice LEWIS Wm T Alice chauf	Los Angeles Directory Co. Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Ostler Clinton H Ada auto mech	Los Angeles Directory Co.

### 1421 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Ostler Clinton H mach h	Los Angeles Directory Co.

### 1422 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAIME HUERTA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a BENAVIDES Maria	Haines Company, Inc
	ARREOLA Manuel	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1990	CORRERAS MARIA LEONOR	Pacific Bell
1976	Garland Essie	Pacific Telephone
1971	Garland Essie	Pacific Telephone
1967	Tucker Ruth	Pacific Telephone
	Hunter Sarah	Pacific Telephone
1962	Mina Eusebio	Pacific Telephone
	Mina Elsie	Pacific Telephone
1958	Lee H M	Pacific Telephone
1942	Collinsworth Earl Edith mtrmn	Los Angeles Directory Co.
	Furrier Chas G Joan mech	Los Angeles Directory Co.
1937	FURRER Chas G Joan carp	Los Angeles Directory Co.
	FURRER Joanna	Los Angeles Directory Co.
1933	Sarvis Murlee wid A E	Los Angeles Directory Co.
	Furer Helen	Los Angeles Directory Co.
	Furer Chas G Joan car repr	Los Angeles Directory Co.
1929	Reeland Saml Mary carp h	Los Angeles Directory Co.
	Furrer Chas G Jane car repr	Los Angeles Directory Co.
1924	MERCER Wm T cabtmkr h	Los Angeles Directory Co.

### 1423 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDUARDO PANAMENO	Cole Information Services
2009	SARAH GONZALEZ	Cole Information Services
2006	GONZALEZ Maria	Haines Company, Inc
	PANAMENO Eduardo e	Haines Company, Inc
2004	EDUARDO PANAMENO	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	SARAH GONZALEZ	Cole Information Services
1981	JOS JR	Pacific Telephone
1962	Moore Josie	Pacific Telephone
	Howard Clarice	Pacific Telephone
1958	Moore Josie	Pacific Telephone
1942	Ostler Robt E	Los Angeles Directory Co.
	Ostler Clinton H Ada mech	Los Angeles Directory Co.
1933	Horney Ralph O Masie pntr	Los Angeles Directory Co.
	Homey Ralph O pntr	Los Angeles Directory Co.
1929	Wimer Carrie J Alice Wimers Pharmacy h	Los Angeles Directory Co.
	Wimer Homer E Wimers Pharmacy r	Los Angeles Directory Co.
1924	Jenks Fredk supt Westinghouse Elec Mfg Co h	Los Angeles Directory Co.

### 1424 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	CENOBIA RAMOS	Cole Information Services
2006	a GUTIERREZ Jesus	Haines Company, Inc
1999	CENOBIA RAMOS	Cole Information Services
1967	Finseth Geo	Pacific Telephone
1962	Finseth Geo	Pacific Telephone
1958	Finseth Gea	Pacific Telephone
1942	ANDERSON Louise clk	Los Angeles Directory Co.
	ANDERSON Andw Hanna	Los Angeles Directory Co.
1937	Lillywhite Floys Margt clk	Los Angeles Directory Co.
1933	MILLER Chas D mech	Los Angeles Directory Co.
	Wimer Homer C Grace drugs	Los Angeles Directory Co.
	Weimer Homer E Grace	Los Angeles Directory Co.
1929	CARTWRIGHT Arth C Victoria acct Chase Sanitarium	Los Angeles Directory Co.
1924	Mangels Wm C bldg contr h	Los Angeles Directory Co.

### 1425 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JORGE DELEON	Cole Information Services
2009	ELDA CARILLO	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	LESBIA TRUJILLO	Cole Information Services
1999	ELDA CARILLO	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WILLIAMS ABNER	Pacific Telephone
1976	Lee Louie	Pacific Telephone
	Varnado Chas W	Pacific Telephone
1971	Hunter Sarah	Pacific Telephone
	Lynch Erma	Pacific Telephone
	Lynch Queen Esther	Pacific Telephone
1962	Hunter Sarah	Pacific Telephone
1958	Hunter Sarah	Pacific Telephone
1942	COHN Jos M Hazel gro mgr Safeway	Los Angeles Directory Co.
1937	TURNER Ray Gertrude plstr	Los Angeles Directory Co.
	Marlette Gay Grace linemn Santa Fe	Los Angeles Directory Co.
1933	Marlette Gay Fay linemn	Los Angeles Directory Co.
1929	Marlette Gay linemn	Los Angeles Directory Co.
	JAMES Pearl	Los Angeles Directory Co.
1924	SALAZAR Michl auto mech h	Los Angeles Directory Co.

### 1426 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CIRILO MARTINEZ	Cole Information Services
2009	CIRILO MARTINEZ	Cole Information Services
2006	a MARTINEZ C 0lo	Haines Company, Inc
2004	CIRILO MARTINEZ	Cole Information Services
1999	CIRILO MARTINEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1971	Blackshear Carl	Pacific Telephone
1967	Rochelle Bolehus	Pacific Telephone
1958	Rack Nathan	Pacific Telephone
1937	HORN Elmer G Edna auto mech	Los Angeles Directory Co.
	Mc Creadie Helen J mach opr	Los Angeles Directory Co.
1933	HORN Elmer Edna	Los Angeles Directory Co.
1929	Trageser Clara r	Los Angeles Directory Co.

### 1427 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Limke Richd carp	Los Angeles Directory Co.

### 1428 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ESTELLA PORTIS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ESTELLA PORTIS	Cole Information Services
2004	ESTELLA PORTIS	Cole Information Services
1999	ESTELLA PORTIS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1937	HORN Henry G	Los Angeles Directory Co.
1933	HORN Henry G	Los Angeles Directory Co.
1929	ANDREWS Jas slsmn	Los Angeles Directory Co.
1924	Trageser Geo painter h	Los Angeles Directory Co.

### 1429 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANIMA JANET	Cole Information Services
2009	GEORGETTA HARPER	Cole Information Services
2006	a FRAZIER Angela	Haines Company, Inc
2004	BEULAH GARLAND	Cole Information Services
1999	GEORGETTA HARPER	Cole Information Services
1971	Garland Beulah L	Pacific Telephone
1962	Lopez Manuel E	Pacific Telephone
1958	Los Chester	Pacific Telephone
1942	Oehrli Elsie	Los Angeles Directory Co.
1937	BENNETT Elsie L tel opr	Los Angeles Directory Co.
1933	BENNETT Anna Mrs	Los Angeles Directory Co.
1929	BENNETT Edwin S Elsie mot pict orp	Los Angeles Directory Co.
	BENNETT Elsie L phone opr	Los Angeles Directory Co.
1924	BENNETT Edwd electr h	Los Angeles Directory Co.

### 1430 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAMON HERNANDEZ	Cole Information Services
2006	o HERNANDEZRamon	Haines Company, Inc
2004	RAMON ORELLANA	Cole Information Services
1994	PINEDA, FELIX	Cole Information Services
1976	James Clarence	Pacific Telephone
1962	Schultz Evalyn	Pacific Telephone
1942	Wessel Emil Virginia pntr	Los Angeles Directory Co.
1937	SMITH Chas G real est	Los Angeles Directory Co.
1933	BAILEY Grace clk	Los Angeles Directory Co.
	BAILEY Jas	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Parrett Glen E Ethel mkt mgr Safeway Stores	Los Angeles Directory Co.
1924	HARRIS Harriet K r	Los Angeles Directory Co.
	HARRIS Roy K clk h	Los Angeles Directory Co.

### 1431 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MOISES RUIZ	Cole Information Services
2009	MOISES RUIZ	Cole Information Services
2006	a RUIZ Mo lses	Haines Company, Inc
2004	MOISES RUIZ	Cole Information Services
1999	MOISES RUIZ	Cole Information Services
1967	Murray Milton C	Pacific Telephone
1962	Murray Milton C	Pacific Telephone
1958	Murray Milton C	Pacific Telephone

### 1434 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NANCI SERRATO	Cole Information Services
2009	RUBEN MELENDEZ MANUFACTURING CO	Cole Information Services
	RUBEN MELENDEZ	Cole Information Services
2006	o HARRIS Delidre	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	RUBEN MELENDEZ	Cole Information Services
1981	ASHLEY CANDACE	Pacific Telephone
1976	Roquemore P A	Pacific Telephone
1971	Jackson Effie	Pacific Telephone
1967	Jackson Effie	Pacific Telephone
1962	Jackson Effie	Pacific Telephone
1958	Jackson Effie	Pacific Telephone
1942	BIRD Geo T Alta clk	Los Angeles Directory Co.
1933	Brailo Geo Blanche constr formn	Los Angeles Directory Co.
1929	Farley Earl V Ollie Ewry & Farley	Los Angeles Directory Co.
1924	YOUNG Carl H mech h	Los Angeles Directory Co.

### 1435 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WENDY FRANCO	Cole Information Services
	ERENIA FLORES	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MANUEL MARTIR	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	EDDIE LARIOS	Cole Information Services
	ERENIA FLORES	Cole Information Services
	JULIO RIVERA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	FRANCISCO URRUTIA	Cole Information Services
2006	a RIVERA Mario	Haines Company, Inc
2004	ERENIA FLORES	Cole Information Services
1999	EDDIE LARIOS	Cole Information Services
	ERENIA FLORES	Cole Information Services
	JULIO RIVERA	Cole Information Services
	FRANCISCO URRUTIA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	FLORES, ERENIA	Cole Information Services
1981	KING SHARON	Pacific Telephone
1962	Newsom Marie	Pacific Telephone
	Boyer Stanford	Pacific Telephone
1958	Goreska Richard S	Pacific Telephone
	Banks Dan Maurice	Pacific Telephone
1942	PERRY Jas W Faye driver	Los Angeles Directory Co.
	Goreska Richd	Los Angeles Directory Co.
	Goreska Eliz wid Wm	Los Angeles Directory Co.
1933	OWENS Richd Cath constr supt	Los Angeles Directory Co.
	Owens Danl	Los Angeles Directory Co.
	Goreska Eliz	Los Angeles Directory Co.
1929	Georeski Eliz h rear	Los Angeles Directory Co.
1924	Wortman Bertram slsmn Northwestern Mutual Fire Assn h	Los Angeles Directory Co.
	HEYWOOD Leonard clk r	Los Angeles Directory Co.

### 1436 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELVIN ALFARO	Cole Information Services
2009	ELVIN ALFARO	Cole Information Services
2006	a ALFARO Elvin	Haines Company, Inc
2004	ELVIN ALFARO	Cole Information Services
1999	ELVIN ALFARO	Cole Information Services
1990	SPENCER PATRICIA D	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SPENCER PATRICIA D	Pacific Bell
1971	Arundell Myrtle M	Pacific Telephone
1967	Arundell Myrtle M	Pacific Telephone
1962	Arundell Myrtle M	Pacific Telephone
1958	Arundell Myrtle M	Pacific Telephone
1937	Dover John Mabel eng	Los Angeles Directory Co.
1929	CONWAY Evelyn Mrs sten	Los Angeles Directory Co.
	CONWAY Thos Evelyn slsmn Essick & Co	Los Angeles Directory Co.
1924	Dover John G eng h	Los Angeles Directory Co.

### 1437 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SUNIT SABHARWAL	Cole Information Services
2009	GOOD ORDRLY DRECTNS LL CLRS	Cole Information Services
	STEVEN HOODYE	Cole Information Services
2006	LEWIS N	Haines Company, Inc
	a HOODYE Steven	Haines Company, Inc
	CURRY Jasmine	Haines Company, Inc
2004	ANGELICA SOTO	Cole Information Services
	GODS H & ACADEMY	Cole Information Services
	JASMINE CURRY	Cole Information Services
	GODS HAND ACADEMY	Cole Information Services
	NORVELL LEWIS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	STEVEN HOODYE	Cole Information Services
1990	GARCIA VICTORIA	Pacific Bell
1962	Jones Leon	Pacific Telephone
1958	Elias Isaac	Pacific Telephone
1942	FRAZIER Elvin Mamie mach	Los Angeles Directory Co.
1937	Hawley Alice L Mrs	Los Angeles Directory Co.
1933	Hames Anna Mrs	Los Angeles Directory Co.
1929	HAINES Anna F Mrs	Los Angeles Directory Co.
1924	SCHROEDER Wm carp h	Los Angeles Directory Co.

### 1439 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE ZAPON	Cole Information Services
2009	JOSE ZAPON	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2004	JOSE ZAPON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JOSE ZAPON	Cole Information Services
1994	ZAPON, JOSE V	Cole Information Services
1990	ZAPON JOSE VICTOR	Pacific Bell

### 1440 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	RICARDO CARIAS	Cole Information Services
1933	Dull Hermina Mrs	Los Angeles Directory Co.

### 1441 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CESAR PEREZ	Cole Information Services
2009	CESAR PEREZ	Cole Information Services
2006	ZAPON Jose	Haines Company, Inc
1999	CESAR PEREZ	Cole Information Services
1962	Lawson Clementine	Pacific Telephone
	Lawson Hobbie	Pacific Telephone
1958	Campillo Ernest	Pacific Telephone
1942	Ripley Clarence L Anna lawyer	Los Angeles Directory Co.
	Ripley Anna clk	Los Angeles Directory Co.
1937	Harvey Jas S Betty pipefr	Los Angeles Directory Co.
	STODDOARDD Sadie Mrs Indywkr Gaenl Hosp	Los Angeles Directory Co.
1933	Stoddard Eleanor Mrs	Los Angeles Directory Co.
	STODDARD Sadie Indywkr Gen Hosp	Los Angeles Directory Co.
1929	Drucker Saml Vogue Button Co	Los Angeles Directory Co.
	Stoddard Elma Mrs h	Los Angeles Directory Co.
1924	Stoddard Elenor waiter h	Los Angeles Directory Co.

### 1442 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS PORTILLO	Cole Information Services
	KARINA TORRES	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	CARLOS PORTILLO	Cole Information Services
	MILAGRO GRAMAJO	Cole Information Services
	BLANCA BARRIOS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	GLADYS DELCI	Cole Information Services
2006	a PORTILLO Martha	Haines Company, Inc
2004	CARLOS RABANALES	Cole Information Services
	ARMANDO CARIAS	Cole Information Services
	LETICIA MATEOS	Cole Information Services
	MILAGRO GRAMAJO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	CARLOS PORTILLO	Cole Information Services
	MILAGRO GRAMAJO	Cole Information Services
	BLANCA BARRIOS	Cole Information Services
	GLADYS DELCI	Cole Information Services
1981	CASTLE LEE A	Pacific Telephone
1976	Castle Audrey	Pacific Telephone
	Castle Lee A	Pacific Telephone
	Castle Raymond	Pacific Telephone
1971	Castle Jane Anna	Pacific Telephone
	Castle Lee A	Pacific Telephone
1967	Thomas Lena E Mrs	Pacific Telephone
1962	Castle Lee A	Pacific Telephone
1942	Rush Jack W Mildred electn	Los Angeles Directory Co.
1937	LOPEZ Leo E Vera auto mech	Los Angeles Directory Co.
1933	HEARD Grover C Lucinda gdnr	Los Angeles Directory Co.
	HEARD Mary K Indywkr	Los Angeles Directory Co.
1929	HUMPHREY Geo E Meda	Los Angeles Directory Co.
	HUMPHREY Glen E Juanita electn	Los Angeles Directory Co.

### 1443 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA FLORES	Cole Information Services
2009	MARIA FLORES	Cole Information Services
1999	MARIA FLORES	Cole Information Services

### 1444 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Stoddard Bettie R steno r	Los Angeles Directory Co.

### 1445 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	AISHA JOHNSON	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	RICARDO GUZMAN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	AISHA JOHNSON	Cole Information Services
1990	CAMPOS MARIA	Pacific Bell
1971	Blakely Edwin	Pacific Telephone
1962	Mc Clain Harold	Pacific Telephone
1958	Mc Clain Harold	Pacific Telephone
1942	CRAMER Roy L Florence elec eng	Los Angeles Directory Co.
1937	Cofield Curtis H rubberwkr	Los Angeles Directory Co.
	Cofield Curtis C Edith carp	Los Angeles Directory Co.
1933	Proper Lee A police	Los Angeles Directory Co.
	THOMAS John E clk	Los Angeles Directory Co.

### 1446 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARCOS DELCID	Cole Information Services
	RENE VENTURA	Cole Information Services
2009	MARCO DEL-CID	Cole Information Services
	YESENIA VENTURA	Cole Information Services
2006	a DELCID Marcos	Haines Company, Inc
	VENTURA Yesenla	Haines Company, Inc
2004	DANIEL GARCIA	Cole Information Services
1999	YESENIA VENTURA	Cole Information Services
	MARCO DEL-CID	Cole Information Services
1994	TORRES, CESAR A	Cole Information Services
1986	HARRIS ROBT	Pacific Bell
1981	HARRIS ROBT	Pacific Telephone
1976	Harris Robt Lee	Pacific Telephone
1971	Harris Robt Lee	Pacific Telephone
1962	James Eunice	Pacific Telephone
1958	Nutter Edw S	Pacific Telephone
1942	HARRIS Jane E wid Harry	Los Angeles Directory Co.
	LINTON Steph A	Los Angeles Directory Co.
	PHILLIPS Geo Marie carp	Los Angeles Directory Co.
1937	LINTON S A mech Bd of Educ	Los Angeles Directory Co.
	Mc KAIG Jas W Elvira carp	Los Angeles Directory Co.
	RICHARDSON J Eug Cecile welder	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	BERGER Mamie Mrs	Los Angeles Directory Co.
	BERGER Mildred	Los Angeles Directory Co.
	LINTON Steph A lab	Los Angeles Directory Co.
1929	Bowers Benj R Lillian meats	Los Angeles Directory Co.
	FORBES Juanita	Los Angeles Directory Co.
1924	Linton S A lab h	Los Angeles Directory Co.

### 1447 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	HEIDI HAYWOOD	Cole Information Services
2006	USHER Tracy	Haines Company, Inc
2004	JOSE TRUJILLO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	HEIDI HAYWOOD	Cole Information Services
1990	SANCHEZ JOSE JESUS SORIA	Pacific Bell
1971	Mills Steven Mrs	Pacific Telephone
1958	Dotson Henry B Jr	Pacific Telephone
1942	GUSTAFSON Hilding Kathryn mach	Los Angeles Directory Co.
	Gadau Chas D Eloise electr	Los Angeles Directory Co.
	Chinbury Eldo jan	Los Angeles Directory Co.
	CARLSON R T	Los Angeles Directory Co.
1937	Ure Angus plbr	Los Angeles Directory Co.
	Osuna Albt Pauline uphol	Los Angeles Directory Co.
1933	Ure Angie Helen	Los Angeles Directory Co.
	TYNER Tyor Bessie Mrs	Los Angeles Directory Co.
	MOSS Oble Ruby baker	Los Angeles Directory Co.
1929	JOHNSON Jas Cath lab	Los Angeles Directory Co.
	Angus Ure	Los Angeles Directory Co.
1924	Bonar Lester M Bonar & Marks h	Los Angeles Directory Co.

### 1448 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	MARINA MARTINEZ	Cole Information Services
2009	HILDA GRAHAM	Cole Information Services
	GARY KISLOFF	Cole Information Services
	WILLIAM RICHARD	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	VIENNA SLOCUM	Cole Information Services
	MARINA MARTINEZ	Cole Information Services
	HAZEL WILLIAMS	Cole Information Services
	LONNY SLOCUM	Cole Information Services
2004	M LOPEZ	Cole Information Services
1999	HILDA GRAHAM	Cole Information Services
	GARY KISLOFF	Cole Information Services
	LONNY SLOCUM	Cole Information Services
	WILLIAM RICHARD	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	VIENNA SLOCUM	Cole Information Services
	MARINA MARTINEZ	Cole Information Services
	HAZEL WILLIAMS	Cole Information Services
1971	Gillespie Daisy	Pacific Telephone
1967	Bush Collin J	Pacific Telephone
1962	Mc Kinnon Robt	Pacific Telephone
	Britton Pearlie	Pacific Telephone
	Allen Jas A	Pacific Telephone
1942	SMITH Paul H Grace auto repr	Los Angeles Directory Co.
	PIKE Geo Violet aircrftwkr	Los Angeles Directory Co.
1937	WALSH John H jr Huthie pntr	Los Angeles Directory Co.
	DUNN Leroy F Juanita prsmn	Los Angeles Directory Co.
1929	Greenwell W Harry Della brklyr	Los Angeles Directory Co.
1924	Schneck Emery L painter h	Los Angeles Directory Co.

### 1449 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VALERIO AVELAR	Cole Information Services
	GUADALUPE MEZA	Cole Information Services
	WENDY RIVERA	Cole Information Services
2009	GUADALUPE MEZA	Cole Information Services
	VALERIO AVELAR	Cole Information Services
	PEDRO CORNEJO	Cole Information Services
	MARIA RIVERA	Cole Information Services
2006	a ARIAS Benando	Haines Company, Inc
2004	ALICIA DECORDOVA	Cole Information Services
	MODESTO RIVERA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	PEDRO CORNEJO	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	MARIA RIVERA	Cole Information Services
	GUADALUPE MEZA	Cole Information Services
	VALERIO AVELAR	Cole Information Services
1967	Morgan Reed M	Pacific Telephone
1942	FITZGERALD Merton	Los Angeles Directory Co.
1937	REDDING Fred Ella clk	Los Angeles Directory Co.
1929	Foust John H Hazel clk	Los Angeles Directory Co.
	Foust Jackson H clk	Los Angeles Directory Co.

### 1450 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDITH MEDRANO	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	ANA SANCHEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1942	Hopper June L Mrs credit asst Remington Rand	Los Angeles Directory Co.
	HOPPER W R aircrftwkr	Los Angeles Directory Co.
1937	BIRD Geo T Alta pntr	Los Angeles Directory Co.
	BIRD Pearl Mrs	Los Angeles Directory Co.
	FLEMING Robt G Eliz auto mech	Los Angeles Directory Co.
1933	BIRD Geo T putr	Los Angeles Directory Co.
	BIRD Fredk S Pearl D	Los Angeles Directory Co.
1929	STEWART Geo M Orthella clk h	Los Angeles Directory Co.
1924	ZIEGLER Leona seam r	Los Angeles Directory Co.
	ZIEGLER Gustave mach h	Los Angeles Directory Co.
	TAYLOR Orice H painter h	Los Angeles Directory Co.

### 1451 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ROSA MARROQUIN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	ROSA MARROQUIN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ROSA MARROQUIN	Cole Information Services
1981	GUZMAN MARIA CARMEN	Pacific Telephone
1976	Cass T	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Cass T	Pacific Telephone
1967	Morgan Reed M	Pacific Telephone
1933	Andre John P Elsie M	Los Angeles Directory Co.
	Heaton Edger roofer	Los Angeles Directory Co.
	Heaton Harold shtmtlwkr	Los Angeles Directory Co.
1929	MORSE Albt carp	Los Angeles Directory Co.
	MORSE Dora wid Albt	Los Angeles Directory Co.
	MORSE Harry C slsmn Continental Baking Co	Los Angeles Directory Co.

### 1452 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANDRIA JENKINS	Cole Information Services
2009	CRAIG JONES	Cole Information Services
2006	MARQUEZ Eften	Haines Company, Inc
2004	EFREN MARQUEZ	Cole Information Services
1999	CRAIG JONES	Cole Information Services
1971	Hurt Earnestine	Pacific Telephone
1942	Padrnos Rose	Los Angeles Directory Co.
	Padrnos Geo E rubberwkr	Los Angeles Directory Co.
1937	HOLM Thos Bertie bkpr Natl Auto Ins Co	Los Angeles Directory Co.
1933	HORNE Mary E slswn	Los Angeles Directory Co.
	Halpin Francis J Mary metermn LAG & E Corp	Los Angeles Directory Co.
1929	DRISCOLL Sol musician	Los Angeles Directory Co.

### 1453 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SONIA AVILA	Cole Information Services
2009	SONIA AVILA	Cole Information Services
2006	a ARAGON Hector	Haines Company, Inc
	AVILASonia	Haines Company, Inc
2004	WILLIAM GARCIA	Cole Information Services
1999	SONIA AVILA	Cole Information Services
1976	Majors Alvia L Mrs	Pacific Telephone
1971	Majors Alvia L Mrs	Pacific Telephone
1967	Majors Alvia L Mrs	Pacific Telephone
1937	Sturdivant Wm F Doris M rubberwkr	Los Angeles Directory Co.
	Phipps Carl rubberwkr	Los Angeles Directory Co.
	Dumke Hrbt W Alice emp Bd of Educ	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Nooney Aloysius M Alma slsmn F A Bowles	Los Angeles Directory Co.
	Nooney Alma B bkpr F W Woolworth Co	Los Angeles Directory Co.
1929	Austin Otis B Marjorie linoleum	Los Angeles Directory Co.

### 1454 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	YVONNE FORD	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a LANG Khadjah	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	JOHNSON, CHARLES R	Cole Information Services
1981	HUDSON JAS JR	Pacific Telephone
1976	Hudson Jas Jr	Pacific Telephone
	Alvarez Mary	Pacific Telephone
1971	Hudson Jas Jr	Pacific Telephone
1962	Franklin Benj	Pacific Telephone
1958	Franklin Benj	Pacific Telephone
	Brown Mary Delores	Pacific Telephone
1942	MURRAY Harry B Bertha	Los Angeles Directory Co.
1937	FERGUSON Geo M Eliz mldr	Los Angeles Directory Co.
	FERGUSON Geo M jr gdnr	Los Angeles Directory Co.
1933	MILLER D Claire Esther servicemn	Los Angeles Directory Co.
1929	Ripsinski Frank Anna electn h	Los Angeles Directory Co.

### 1455 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDWIN OSORIO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	CAROLINA MORELOS	Cole Information Services
	MARIA REYES	Cole Information Services
	UREKA SMITH	Cole Information Services
2009	TIMOTHY FOSTER	Cole Information Services
	UREKA SMITH	Cole Information Services
	ASWAD DUNN	Cole Information Services
	GUADALUPE VASQUEZ	Cole Information Services
	ROBERTO JIMENEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	GUADALUPE VASQUEZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	GUADALUPE VASQUEZ	Cole Information Services
	TIMOTHY FOSTER	Cole Information Services
	ROBERTO JIMENEZ	Cole Information Services
	UREKA SMITH	Cole Information Services
	ASWAD DUNN	Cole Information Services
	ANTHONY MANNING	Cole Information Services
1986	CHAMBERLAIN ROSALEE	Pacific Bell
1981	CHAMBERLAIN ROSALEE	Pacific Telephone
1976	Chamberlain Rosalee	Pacific Telephone
1971	Chamberlain Rosalee	Pacific Telephone
1967	Chamberlain Rosalee	Pacific Telephone
1962	Chamberlain Rosalee	Pacific Telephone
1958	Chamberlain Rosalee	Pacific Telephone
1942	ANDERSON Howard Clela swchmn	Los Angeles Directory Co.
	DAVIS Powell R Stella mtrmn	Los Angeles Directory Co.
1937	Doerflinger Anna Mrs	Los Angeles Directory Co.
1933	FOSTER Sidney tel installer	Los Angeles Directory Co.
	Fingerson Winford W Jeanette Fingerson & Enscoe s	Los Angeles Directory Co.
	Enscoe Stanley B Ilo Fingerson & Enscoe	Los Angeles Directory Co.
	Dorfinger Anna Mrs	Los Angeles Directory Co.
1929	Dorfinger Carl Anna ptmmkr	Los Angeles Directory Co.
1924	Dorfinger Carl patnmkr h	Los Angeles Directory Co.

### 1456 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TERRENCE BROCK	Cole Information Services
2009	TERRENCE BROCK	Cole Information Services
1999	TERRENCE BROCK	Cole Information Services

### 1457 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	WILLIAMS Clifford A Alvena rprmn Geo Maring	Los Angeles Directory Co.

### 1458 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	YOLMAN MARQUEZ	Cole Information Services
2009	RICARDO ANGULLO	Cole Information Services
2006	a FRITH Rodney	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VARNADO R	Haines Company, Inc
2004	RAMEY VARNADO	Cole Information Services
1999	RICARDO ANGULLO	Cole Information Services
1994	VARNADO, CHARLES W	Cole Information Services
1990	VARNADO CHAS W	Pacific Bell
1986	VARNADO CHAS W	Pacific Bell
1981	VARNADO CHAS W	Pacific Telephone
1967	Varnado Chas W	Pacific Telephone
1962	Varnado Chas W	Pacific Telephone
1942	Phipps Cart E Mary L A Standard Rubber Co	Los Angeles Directory Co.
	Dykes Gerald Jennie pntr	Los Angeles Directory Co.
1937	Nooney Al Alma reatrwrk	Los Angeles Directory Co.
	GERARD Chas A Ada drftsmn Met Water Dist	Los Angeles Directory Co.
1933	Hindman Paul Verna clo prsr	Los Angeles Directory Co.
1929	Fillmore Thos Vena	Los Angeles Directory Co.
	Fillmore Vena slsldy	Los Angeles Directory Co.
1924	Goldman Rutherford G h	Los Angeles Directory Co.

### 1459 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAMES SCRIVENS	Cole Information Services
2009	TARA SMITH	Cole Information Services
2006	o BAILEY Lena	Haines Company, Inc
	SMITH Frances	Haines Company, Inc
2004	ERVIN SMITH	Cole Information Services
1999	TARA SMITH	Cole Information Services
1971	Luthy Martin	Pacific Telephone
1967	Luthy Martin	Pacific Telephone
1962	Luthy Martin	Pacific Telephone
1958	Luthy Martini	Pacific Telephone
1937	Kaatz Richd slsmn Andrews Hardware & Metal Co	Los Angeles Directory Co.
	Kaatz Verneie D stdt nurse Genl Hosp	Los Angeles Directory Co.
	Kaatz Hugo A Emma bkpr	Los Angeles Directory Co.
1933	Spalman Carl H Eunice pipeftr	Los Angeles Directory Co.
1929	Wardlaw Francis L Rose slsmn h	Los Angeles Directory Co.
	Wardlaw Ruth E r	Los Angeles Directory Co.
1924	Leanza Jack pdlr r	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Bacarella Jas h	Los Angeles Directory Co.

### 1472 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Wilson Mamile	Pacific Telephone

### 1207 1/2 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SIMS COLLEGIA	Pacific Bell

### 1209 1/2 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	HOARD ELEDOFF	Pacific Bell

### 1256 1/2 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SOTO ALFREDO G	Pacific Bell

### 1306 1/4 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	VERDUZCO MANUEL	Pacific Telephone

### 1308 1/1 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	SANCHEZ BEATRIZ	Pacific Telephone

### 1435 1/2 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	TRUJILLO MARIA	Pacific Bell

### 1446 1/2 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	HUNTER JOYCE M	Pacific Bell

### 1447 1/2 W 59TH PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	GALLARDO CARMEN R	Pacific Telephone

## FINDINGS

### **W 59TH ST**

#### **1100 W 59TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1958	Marchael Ray C	Pacific Telephone

#### **1101 W 59TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	TINA OLIVER	Cole Information Services
2009	CLOVER OLIVER	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	CLOVER OLIVER	Cole Information Services
1999	CLOVER OLIVER	Cole Information Services
1967	Jacobs Mattie	Pacific Telephone

#### **1102 W 59TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	ALEJANDRA BRISENO	Cole Information Services
2009	ALEJANDRA BRISENO	Cole Information Services
1999	ALEJANDRA BRISENO	Cole Information Services

#### **1104 W 59TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1958	Frealy Pearl	Pacific Telephone
	Lopez Pedro M	Pacific Telephone

#### **1105 W 59TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	1ST PLACE FOR YOUTH	Cole Information Services
	GROVER KING	Cole Information Services
2009	JACKSON BRENDA	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	JACKSON BRENDA	Cole Information Services
1967	Phelps L W	Pacific Telephone
1958	Phelps S H	Pacific Telephone
	Brown Lillian	Pacific Telephone

#### **1107 W 59TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	VERNIE JACKSON	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	THOMAS ASIMIKA	Cole Information Services
	ASIMIKA THOMAS	Cole Information Services
2009	LAVENA JACKSON	Cole Information Services
2006	o JACKSON Bern le	Haines Company, Inc
2004	BERNIE JACKSON	Cole Information Services
1999	LAVENA JACKSON	Cole Information Services
1994	SPRINGER, EDDIE	Cole Information Services
1976	Magette Pearl S	Pacific Telephone
1967	Russell Elinor	Pacific Telephone
	Scott Pearl	Pacific Telephone
1958	Scott Pearl	Pacific Telephone
	Williams Gracie	Pacific Telephone
	Williams Jas L	Pacific Telephone

### 1108 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Jacobson George	Pacific Telephone
	Geddes Ellen C	Pacific Telephone

### 1109 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	KEVIN GILLET	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a KELLY Sharon	Haines Company, Inc
	GORDON Duane	Haines Company, Inc
2004	CORDELL GORDON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ALICIA MARTINEZ	Cole Information Services
1967	Carter Jesse	Pacific Telephone
	Carter Cynthia	Pacific Telephone
1958	Galusha Danl W	Pacific Telephone

### 1111 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services

### 1112 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Mc Connell Murray R	Pacific Telephone



## FINDINGS

### 1113 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	GUILLERMO ARELLANO	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	BILLIE FAVORS	Cole Information Services
1999	GUILLERMO ARELLANO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	FAVORS, BILLIE	Cole Information Services
1967	Favors Leonard O	Pacific Telephone
1958	Novack Wm J	Pacific Telephone

### 1115 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ULYSSES QUINTANILLA	Cole Information Services
2009	ULYSSES QUINTANILLA	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ULYSSES QUINTANILLA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	MENCHU, FAUSTO	Cole Information Services
1976	Diaz Vicente	Pacific Telephone
1967	Diaz Vicente	Pacific Telephone

### 1116 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
1958	Fluke Burton H	Pacific Telephone

### 1117 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DELIA QUINTANILLA	Cole Information Services
2009	JUAN PEREZ	Cole Information Services
2006	Ulysses	Haines Company, Inc
	QUINTANILLA	Haines Company, Inc
1999	JUAN PEREZ	Cole Information Services
1994	ALVA, MARIA Y	Cole Information Services
1958	Diaz Vincente	Pacific Telephone

### 1119 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GUADALUPE RUIZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JOSE GODOY	Cole Information Services
2006	0 AOSTA Enrique	Haines Company, Inc
2004	ENRIQUE LEON	Cole Information Services
	ENRIQUE ACOSTA	Cole Information Services
	OSBAL LOPEZ	Cole Information Services
1999	JOSE GODOY	Cole Information Services

### 1120 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Ploetz H E	Pacific Telephone

### 1121 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VICTOR MARTINEZ	Cole Information Services
2009	EFRAIN GALDAMEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	EFRAIN GALDAMEZ	Cole Information Services
1999	EFRAIN GALDAMEZ	Cole Information Services
1958	Maletich Milica	Pacific Telephone

### 1123 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALEJANDRO REYES	Cole Information Services
2009	ALEJANDRO REYES	Cole Information Services
2006	REYES Alejandro	Haines Company, Inc
2004	MARIA CUEVAS	Cole Information Services
1999	ALEJANDRO REYES	Cole Information Services
1976	Grisby Lawrence	Pacific Telephone
1967	Hendrix Myra	Pacific Telephone
	Boswell Curtis	Pacific Telephone
1958	Handy Sadie	Pacific Telephone

### 1124 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ANTONIO VERDUZCO	Cole Information Services
2004	ANTONIO VERDUZCO	Cole Information Services
1999	ANTONIO VERDUZCO	Cole Information Services
1958	Cosner Orvill W	Pacific Telephone

## FINDINGS

### 1125 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	MARIA VALDEPENNA	Cole Information Services
2006	No Current Listing	Haines Company, Inc
1999	MARIA VALDEPENNA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	REYES, C	Cole Information Services
1976	Antwine Eless	Pacific Telephone
1967	Antwine Eless	Pacific Telephone
1958	Sowma Wm A	Pacific Telephone

### 1128 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Fleming H T	Pacific Telephone
	Benson Florence	Pacific Telephone

### 1129 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JENISE EVANS	Cole Information Services
2009	JEANNETTA HARRIS	Cole Information Services
2006	a HARRIS Jsanne 9ia	Haines Company, Inc
2004	JEANNETTA HARRIS	Cole Information Services
1999	J HARRIS	Cole Information Services
	JEANNETTA HARRIS	Cole Information Services

### 1130 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Gageant Lawrence	Pacific Telephone

### 1131 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Glanzman Fredrick J	Pacific Telephone

### 1133 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE AREVALO	Cole Information Services
2009	CATERIN CACHEN	Cole Information Services
2006	HILL Louise	Haines Company, Inc
2004	KATHERINE BURKS	Cole Information Services
	LESTON JACKSON	Cole Information Services
	ISABELLE ROBINSON	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	CATERIN CACHEN	Cole Information Services
1958	Braxton Georgia Mae	Pacific Telephone

### 1135 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CONNIE HERNANDEZ	Cole Information Services
2009	BEVERLY ANDERSON	Cole Information Services
2004	TINA BAILEY	Cole Information Services
1999	BEVERLY ANDERSON	Cole Information Services
1958	Hall Ananias	Pacific Telephone

### 1136 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Matsumoto Eddie M	Pacific Telephone

### 1137 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VICTOR GARCIA	Cole Information Services
	JORGE JIMENEZ	Cole Information Services
2009	ARACELI GONZALEZ	Cole Information Services
2006	GONZALEZAnacall	Haines Company, Inc
	JIMENEZ Guadalupe	Haines Company, Inc
2004	ARACELI GONZALEZ	Cole Information Services
1999	ARACELI GONZALEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1958	Gonzales Pete	Pacific Telephone

### 1141 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROSALIA BONILLA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	CRISTINA HERNANDEZ	Cole Information Services
	LIDIA YANEZ	Cole Information Services
2009	LIDIA YANEZ	Cole Information Services
	ELIZABETH LOPEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	YANEZLid Ia	Haines Company, Inc
2004	SHERRICE FULTON	Cole Information Services
	ELIZABETH LOPEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	LIDIA YANEZ	Cole Information Services
	ELIZABETH LOPEZ	Cole Information Services
1976	Springfield Richard E Jr	Pacific Telephone
	Wilburn Zera	Pacific Telephone
1967	Springfield Richard E Jr	Pacific Telephone
1958	Springfield Richard E Jr	Pacific Telephone

### 1145 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	E & M TRANSPORT	Cole Information Services
1967	Stringer T R	Pacific Telephone
1958	Cass Thos J	Pacific Telephone

### 1148 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Lee Elliott	Pacific Telephone
1958	Karstens Harry E	Pacific Telephone

### 1149 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Shaw Wm A	Pacific Telephone

### 1152 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Mangels Madeline	Pacific Telephone

### 1153 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Wagner Evelyn A	Pacific Telephone

### 1157 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Catuto Margie A	Pacific Telephone

### 1158 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Caturegli Luis	Pacific Telephone

## FINDINGS

### 1159 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALVANEDA JACKSON	Cole Information Services
2009	ALVANEDA JACKSON	Cole Information Services
1999	ALVANEDA JACKSON	Cole Information Services

### 1200 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	N OSCAR	Cole Information Services
	OSCAR VILLATORO	Cole Information Services
2009	FELIPE BECERRA	Cole Information Services
2006	a BECERRA Felipe	Haines Company, Inc
2004	FELIPE BECERRA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	FELIPE BECERRA	Cole Information Services

### 1201 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CLAUDIA CRESPIN	Cole Information Services
2006	MCELRATH Mary	Haines Company, Inc
	a RAVEN Willis	Haines Company, Inc
2004	BARTHA SKINNER	Cole Information Services

### 1205 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CESAR ALFARO	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	ARREDONDO	Haines Company, Inc
	Alexandra	Haines Company, Inc
2004	SADIE WHITE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1206 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	MARY JACKSON	Cole Information Services
2006	WALKER DUe	Haines Company, Inc
	a JACKSON Mary	Haines Company, Inc
2004	JEANETTE RATWAY	Cole Information Services
1999	MARY JACKSON	Cole Information Services
1967	Phillips Charlotte M	Pacific Telephone
1958	Phillips B M	Pacific Telephone

## FINDINGS

### 1207 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RICKEY JOSEPH	Cole Information Services
2009	CHERYL JOSEPH	Cole Information Services
2004	JOSE HERAETTA	Cole Information Services
1999	CHERYL JOSEPH	Cole Information Services

### 1210 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS DELEON	Cole Information Services
2006	a DELEONCarios	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1995	Ims Pool Service	Pacific Bell

### 1211 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LLOYDA FLOWERS	Cole Information Services
	MARCIA RHABURN	Cole Information Services
	DEBRA YOUNG	Cole Information Services
2009	CHARLES SIMMONS	Cole Information Services
	MONICA RAMIREZ	Cole Information Services
	EDGARDO AGUILAR	Cole Information Services
	BROCK KENNEDY	Cole Information Services
	JOSE VASQUEZ	Cole Information Services
2006	RUIZJuana	Haines Company, Inc
	a CORDOBA Agussn a	Haines Company, Inc
2004	AGUSTIN CORDOBA	Cole Information Services
1999	BROCK KENNEDY	Cole Information Services
	EDGARDO AGUILAR	Cole Information Services
	MONICA RAMIREZ	Cole Information Services
	JOSE VASQUEZ	Cole Information Services
	CHARLES SIMMONS	Cole Information Services
1958	Wade Anna Lee	Pacific Telephone
	Harris W C Rev	Pacific Telephone

### 1212 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TOMAS AGUILAR	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DELEON Caios F	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1214 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PATRICIA IBARRA-CORDOVA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	RODRIGUEZ Roberto CORDOVA Martha a CORDOVAJuventno	Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	CORDOVA PATRICIA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	CORNEJO, A	Cole Information Services

### 1215 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA ORTIZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	PAZMINORaquel D	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Harvey Janice	Pacific Telephone

### 1218 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAY HOUSTON	Cole Information Services
2009	RAY HOUSTON	Cole Information Services
2006	CAMBELL Reginald a HOUSTON Ray	Haines Company, Inc Haines Company, Inc
2004	RAY HOUSTON	Cole Information Services
1999	RAY HOUSTON	Cole Information Services

### 1219 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE AMEZQUITA	Cole Information Services
2009	MARIA DUARTE	Cole Information Services
2006	o LAUREANO Maria	Haines Company, Inc
2004	MARIA LAUREANO	Cole Information Services
1999	MARIA DUARTE	Cole Information Services
1976	Jefferson Clifton	Pacific Telephone



## FINDINGS

### 1221 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EBONY JONES	Cole Information Services
2006	a MILES Mck Inley	Haines Company, Inc
2004	MCKINLEY MILES	Cole Information Services
1958	Havis Robt Jr	Pacific Telephone

### 1222 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANGEL MALDONADO	Cole Information Services
2009	MARIA ALDANA	Cole Information Services
2006	a MALDONADO EI Ida	Haines Company, Inc
2004	ANGEL MALDONADO	Cole Information Services
1999	MARIA ALDANA	Cole Information Services
1958	Bell Saml	Pacific Telephone

### 1223 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	REGINALD FLOWERS	Cole Information Services
2009	KATHY MILES	Cole Information Services
2006	PORTER Sharon	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	KATHY MILES	Cole Information Services
1976	Farr Fannie	Pacific Telephone

### 1226 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RONALD HERIQUEZ	Cole Information Services
2009	RONALD HERIQUEZ	Cole Information Services
2006	HENRIQUEZ Ronald	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	TARZAN TRUCKING	Cole Information Services
1999	RONALD HERIQUEZ	Cole Information Services
1994	HENRIQUEZ, A M	Cole Information Services

### 1227 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALFREDO ALFARO	Cole Information Services
2009	ALFREDO ALFARO	Cole Information Services
2006	e ALFAROAlfredo	Haines Company, Inc
2004	ALFREDO ALFARO	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	ALFREDO ALFARO	Cole Information Services

### 1228 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	RONALD HENRIQUEZ	Cole Information Services
2004	RONALD HENRIQUEZ	Cole Information Services
1999	RONALD HENRIQUEZ	Cole Information Services

### 1229 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MAYRA CORTEZ	Cole Information Services
2006	a PITTS Roberta	Haines Company, Inc
1958	Finch Winifred J	Pacific Telephone

### 1230 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDGAR LAM	Cole Information Services
2009	JORGE LAM	Cole Information Services
2006	LAMRosa	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	JORGE LAM	Cole Information Services
1967	Johnson Luther	Pacific Telephone
1958	Johnson Luther	Pacific Telephone

### 1231 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
1967	Crockett Frank	Pacific Telephone
1958	Martin Ada F	Pacific Telephone

### 1234 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALBERTO GARCIA	Cole Information Services
2009	ALBERTO GARCIA	Cole Information Services
2006	a BRAVO G GARCIA Alberto	Haines Company, Inc Haines Company, Inc
2004	G BRAVO	Cole Information Services
1999	ALBERTO GARCIA	Cole Information Services
1976	Drake Theodosia Mrs	Pacific Telephone
1967	Drake Theodosia Mrs	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Drake Theodosla Mrs	Pacific Telephone

### 1235 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROSA GARCIA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	SEAN LEE	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Virag John	Pacific Telephone
1958	Virag John	Pacific Telephone

### 1236 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SOFIA GARCIA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1238 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GLADYS VELASQUEZ	Cole Information Services
2009	GLADYS VELASQUEZ	Cole Information Services
2006	a VELASQUEZ Gladys	Haines Company, Inc
2004	GLADYS VELASQUEZ	Cole Information Services
1999	GLADYS VELASQUEZ	Cole Information Services
1958	Smith Clarence L	Pacific Telephone

### 1239 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE ARREDONDO	Cole Information Services
2009	JESUS PRECIADO	Cole Information Services
2006	a PRECIADO Jesus	Haines Company, Inc
2004	JESUS PRECIADO	Cole Information Services
1999	VEGA ROMERO	Cole Information Services
	JESUS PRECIADO	Cole Information Services
1976	King Dancenia	Pacific Telephone

### 1242 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSHUA PANDY	Cole Information Services
2009	SHARON PANDY	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PANDYSheron	Haines Company, Inc
1999	SHARON PANDY	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Harville Thos L	Pacific Telephone
1958	Tom Harry K S	Pacific Telephone

### 1243 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS VASQUEZ	Cole Information Services
2009	CARLOS VASQUEZ	Cole Information Services
2006	a VASQUEZ Carlos	Haines Company, Inc
2004	CARLOS VASQUEZ	Cole Information Services
1999	CARLOS VASQUEZ	Cole Information Services

### 1246 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RUBEN CASTANEDA	Cole Information Services
2009	RUBEN CASTANEDA	Cole Information Services
2006	CASTANEDA Ruben	Haines Company, Inc
2004	RUBEN CASTANEDA	Cole Information Services
1999	RUBEN CASTANEDA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	CASTANEDA, RUBEN	Cole Information Services
1967	Rangel Richard G	Pacific Telephone
1958	Oliva Ernesto	Pacific Telephone

### 1247 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LARRY SCOTT	Cole Information Services
2009	ALOISE THOMPSON	Cole Information Services
2006	THOMPSONAloise	Haines Company, Inc
2004	JEANNIE THOMPSON	Cole Information Services
1999	ALOISE THOMPSON	Cole Information Services
1967	Jacobs Gwendolyn	Pacific Telephone
1958	Thompson Frederick	Pacific Telephone

### 1250 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CASTANEDA Ruben	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Hilton Darrell	Pacific Telephone
1958	Hilton Darrell	Pacific Telephone

### 1251 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	LOZANOAAmya Jose a SALAZARteofllo	Haines Company, Inc Haines Company, Inc
2004	CINDY POLANCO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Owen Edna	Pacific Telephone
1958	Stanton Geo P	Pacific Telephone

### 1253 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JIOVANNI GONZALEZ	Cole Information Services
2009	MARIA GONZALEZ	Cole Information Services
2006	GONZALEZ Mari	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MARIA GONZALEZ	Cole Information Services

### 1254 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARISOL GONZALEZ	Cole Information Services
2006	a BGONZALEZ Carmen	Haines Company, Inc
2004	DELFINA GONZALEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Jackson Arthur	Pacific Telephone
1967	Coes John R	Pacific Telephone
1958	Kelso Richard W	Pacific Telephone

### 1255 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a SALAZAR Crisfins VALDEZ Jenette 323 M	Haines Company, Inc Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JOSE AMAYA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Goodman Martha L	Pacific Telephone
1958	Goodman Martha L	Pacific Telephone

### 1257 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	REYES, GLORIA	Cole Information Services

### 1258 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANDREW LAMOTTE	Cole Information Services
2009	OMAR MENDOZA	Cole Information Services
2006	WOFFORD Burley	Haines Company, Inc
2004	BURLEY WOFFORD	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	OMAR MENDOZA	Cole Information Services
1994	WOFFORD, BURLEY	Cole Information Services
1976	Wofford Lela	Pacific Telephone
1967	Wofford Lela	Pacific Telephone
1958	Tucker Chas J	Pacific Telephone

### 1259 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDUARDO HERNANDEZ	Cole Information Services
2009	GLORIA AYALA	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	GLORIA AYALA	Cole Information Services
1994	KNIGHT, SHEILA	Cole Information Services
1976	Beaty E E	Pacific Telephone
1967	Beaty E E	Pacific Telephone
1958	Beaty E E	Pacific Telephone

### 1285 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	SEAN LEE	Cole Information Services
1999	SEAN LEE	Cole Information Services

## FINDINGS

### 1300 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CESAR TELLEZ	Cole Information Services
2009	EMMANUEL CANTERO	Cole Information Services
2006	o DIAZ Esperarvii	Haines Company, Inc
2004	JULIO SALAMANCA	Cole Information Services
1999	EMMANUEL CANTERO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1976	Davis Joe E	Pacific Telephone
1967	Davis Joe E	Pacific Telephone
1958	Davis Joe E	Pacific Telephone

### 1301 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	AUDREY BLACK	Cole Information Services
	EDDIE TYLER	Cole Information Services
2009	AUDREY BLACK	Cole Information Services
2006	TYLER E	Haines Company, Inc
2004	AUDREY TYLER	Cole Information Services
1999	AUDREY BLACK	Cole Information Services
1995	Tyler E	Pacific Bell
1994	TYLER, E	Cole Information Services
1976	Tyler E	Pacific Telephone
1967	Tyler Eddie	Pacific Telephone

### 1304 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LEE SHAW	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	PATRICK SHAW	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	SHAW, ETHEL	Cole Information Services
1976	Shaw Francis	Pacific Telephone
	Shaw Lee A	Pacific Telephone
	Shaw Ethel Mae	Pacific Telephone
1967	Shaw Lee A	Pacific Telephone
	Shaw Ethel Mae	Pacific Telephone

## FINDINGS

### 1305 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DALIA AGUILAR	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	o AGUILAR Dafa	Haines Company, Inc
2004	JORGE MERLOS	Cole Information Services
	DALIA AGUILAR	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Ramelli Bea E Mrs	Pacific Telephone

### 1308 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA MARTINEZ	Cole Information Services
2006	a MAZARi EGOS Luis	Haines Company, Inc
	ARAIZARUrl Dan	Haines Company, Inc
2004	IRMA HERNANDEZ	Cole Information Services
1976	Lopez Ramon	Pacific Telephone
1958	Williams Muriel Mrs	Pacific Telephone

### 1309 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SHARONDA QUEZADA	Cole Information Services
2009	OMAR PENA	Cole Information Services
2006	ESCOBAR testa L	Haines Company, Inc
	B ALVAREZ Rwana	Haines Company, Inc
2004	MIGUEL BARAHONA	Cole Information Services
1999	OMAR PENA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	BARAHONA, ISIDRO	Cole Information Services
1967	Anderson Elizabeth M	Pacific Telephone
1958	Mudd Richard L R	Pacific Telephone

### 1312 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a ZALDIVAR An Ionia	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	ZALDIVAR, ADRIAN	Cole Information Services
1976	Zaldivar Adrian Sr	Pacific Telephone
1967	Zaldivar Adrian Sr	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Zaldivar Isabel	Pacific Telephone

### 1315 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ESMERALDA ALVARADO	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	a RAMIREZ Seig	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Fountain Robt W	Pacific Telephone

### 1316 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE RIVERA	Cole Information Services
2009	YADIRA RODRIGUEZ	Cole Information Services
2006	a CROSS Vetta	Haines Company, Inc
2004	NETTA CROSS	Cole Information Services
1999	YADIRA RODRIGUEZ	Cole Information Services

### 1317 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VICTOR RAMIREZ	Cole Information Services
2009	VICTOR RAMIREZ	Cole Information Services
2006	o RAMIREZ Victo	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
	VICTOR RAMIREZ	Cole Information Services
1958	Copeland Wm D Mrs	Pacific Telephone

### 1319 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	MARISELLA MARTINEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	MARISELLA MARTINEZ	Cole Information Services
1999	MARISELLA MARTINEZ	Cole Information Services
1976	Martinez Jose	Pacific Telephone
1958	Jepsen Lowell J	Pacific Telephone
	Jepsen Clarice H	Pacific Telephone

## FINDINGS

### 1320 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARCOS RODRIGUEZ	Cole Information Services
2009	MARCOS RODRIGUEZ	Cole Information Services
2006	o RODRIGUEZMarcos e	Haines Company, Inc
2004	MARCOS RODRIGUEZ	Cole Information Services
1999	MARCOS RODRIGUEZ	Cole Information Services

### 1321 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JACQUELINE SHAW	Cole Information Services
2009	LEE SHAW	Cole Information Services
2006	SHAW Lee A	Haines Company, Inc
2004	LEE SHAW	Cole Information Services
1999	LEE SHAW	Cole Information Services
1994	SHAW, LEE A	Cole Information Services

### 1322 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SANDRA AGUILLON	Cole Information Services
1967	Robinson Annie Mae	Pacific Telephone

### 1324 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ALFONSO JONES	Cole Information Services
2006	JONES M	Haines Company, Inc
2004	ALFONSO JONES	Cole Information Services
1999	ALFONSO JONES	Cole Information Services
1994	JONES, MATTIE M	Cole Information Services
1976	Jones Mattie M	Pacific Telephone
1967	Jones Jimmie Lee	Pacific Telephone
1958	Hubbard Clemmie	Pacific Telephone
	Wood Theodore R	Pacific Telephone

### 1325 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GARCIA NAVARRO	Cole Information Services
2009	FELIPE NAVARRO	Cole Information Services
2006	Felipe	Haines Company, Inc
	aNAVARROGARCIA	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	FELIPE NAVARRO	Cole Information Services
1999	FELIPE NAVARRO	Cole Information Services
1967	Johnson Marvin J	Pacific Telephone
1958	Whitacre Ronald W	Pacific Telephone

### 1326 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ORTIZTeodomo	Haines Company, Inc

### 1328 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERTO CHAVEZ	Cole Information Services
2009	AMANDA WALKER	Cole Information Services
2006	WALKER Amanda a CHAVEZ Roberto	Haines Company, Inc Haines Company, Inc
2004	ROBERTO CHAVEZ CHAVEZ DISTRIBUTING	Cole Information Services Cole Information Services
1999	AMANDA WALKER	Cole Information Services
1967	Buland Leonard W	Pacific Telephone

### 1329 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JORGE RIVERA	Cole Information Services
2009	ROSARIO RIVERA	Cole Information Services
2006	RIVERA Jorge A tt IBARRA Meredels CERVANTES Vansam	Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	MERCEDES IBARRA	Cole Information Services
1999	ROSARIO RIVERA	Cole Information Services
1976	Martin M R	Pacific Telephone
1967	Dalis Fani	Pacific Telephone
1958	Dalis Fani	Pacific Telephone

### 1332 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WAHEEDAH CARTER	Cole Information Services
2006	Melanie SMITH CHA 1 RLES CHARLES Conaid	Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	CONWALD CHARLES	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	RISE & SHINE FAMILY DAYCARE	Cole Information Services
1967	Ohle Agnes Mrs	Pacific Telephone
1958	Ohle Agnes Mrs	Pacific Telephone

### 1333 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WILLIE JENKINS	Cole Information Services
2009	WILLIE JENKINS	Cole Information Services
2006	o JENKINSWillia	Haines Company, Inc
2004	WILLIE JENKINS	Cole Information Services
1999	WILLIE JENKINS	Cole Information Services
1967	Apana Geo K	Pacific Telephone
1958	Mc Mahon Edward C	Pacific Telephone

### 1336 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HERBERT COLEMAN	Cole Information Services
2009	HERBERT COLEMAN	Cole Information Services
2006	COLEAN Herb Krt	Haines Company, Inc
2004	HERBERT COLEMAN	Cole Information Services
1999	HERBERT COLEMAN	Cole Information Services
1994	COLEMAN, HERBERT	Cole Information Services
1976	Coleman Herbert	Pacific Telephone
1967	Coleman Herbert	Pacific Telephone
1958	Jenson Ronald R	Pacific Telephone

### 1337 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MERCEDES FABIAN	Cole Information Services
2009	NORMA FABIAN	Cole Information Services
2006	FABIAN Monica	Haines Company, Inc
2004	MONICA FABIAN	Cole Information Services
1999	NORMA FABIAN	Cole Information Services

### 1340 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BERNARD RESURRECCION	Cole Information Services
2009	LINDA WOOLFOLK	Cole Information Services
2006	BOYD Artine	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	LINDA WOOLFOLK	Cole Information Services
1958	Williams Lena T	Pacific Telephone

### 1341 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	EXPRESSIONS GIFT GALLERY	Cole Information Services
2006	o I LSON Roxie	Haines Company, Inc
	HEADEN Viola R	Haines Company, Inc
2004	LUVERCIE TODD	Cole Information Services
	EXPRESSIONS GIFT GALLERY	Cole Information Services
1994	HEADEN, VIOLA R	Cole Information Services
1976	Headen Viola R	Pacific Telephone
1967	Headen Viola R	Pacific Telephone
1958	Headen Viola R	Pacific Telephone

### 1344 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	FRANCISCO TRUJILLO	Cole Information Services
2006	a TRWJILLO Doaatda	Haines Company, Inc
	TRWILLUO	Haines Company, Inc
	DORALIDA	Haines Company, Inc
2004	FRANCISCO TRUJILLO	Cole Information Services
1999	FRANCISCO TRUJILLO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1958	Kelly Robt A	Pacific Telephone

### 1345 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VICTOR SALGUERO	Cole Information Services
2009	GLADYS SALGUERO	Cole Information Services
2006	a SALGUERO Gladys	Haines Company, Inc
2004	JUDITH MENDEZ	Cole Information Services
	FERMIN VALDEZ	Cole Information Services
1999	GLADYS SALGUERO	Cole Information Services
1976	Davis Beddy	Pacific Telephone
1967	Davis Beddy	Pacific Telephone
1958	Davis Beddy	Pacific Telephone

## FINDINGS

### 1348 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HILDERBRANDT SLUSHER	Cole Information Services
	DENISE GOFF	Cole Information Services
	JOYCE LESLIE	Cole Information Services
2009	URIEL LESLIE	Cole Information Services
	HILDERBRANDT SLUSHER	Cole Information Services
2006	a SLUSHE R Hidebrandt	Haines Company, Inc
2004	URIEL LESLIE	Cole Information Services
1999	URIEL LESLIE	Cole Information Services
	HILDERBRANDT SLUSHER	Cole Information Services
1976	Riley U	Pacific Telephone
1967	Cooper Roscoe	Pacific Telephone
1958	Shields Hattie	Pacific Telephone

### 1349 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DAVID HILLMAN	Cole Information Services
2009	VINCENT CROSS	Cole Information Services
2006	a CROSS Vincant	Haines Company, Inc
2004	CHESTER BEASLEY	Cole Information Services
1999	VINCENT CROSS	Cole Information Services
1976	Beasley Chester R	Pacific Telephone
1967	Beasley Chester R	Pacific Telephone
1958	Murphy Richard J	Pacific Telephone

### 1350 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VERA PINKNEY	Cole Information Services
2009	VERA PINKNEY	Cole Information Services
2006	PINKNEYVera	Haines Company, Inc
1999	VERA PINKNEY	Cole Information Services
1958	Dypwick Frances Mrs	Pacific Telephone

### 1352 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LISA GLENNY	Cole Information Services
2009	CHARNELLE THOMPSON	Cole Information Services
1999	CHARNELLE THOMPSON	Cole Information Services
1958	Greene Mary C Mrs	Pacific Telephone

## FINDINGS

### 1353 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	CESAR ARREAGA	Cole Information Services
2006	e HERNANDEZ Malgdaena	Haines Company, Inc Haines Company, Inc
2004	CESAR ARREAGA JESUS MEDINA	Cole Information Services Cole Information Services
1999	CESAR ARREAGA	Cole Information Services
1958	Bissell Agnes M Mrs	Pacific Telephone

### 1406 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Liffreing Caroline	Pacific Telephone

### 1407 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CAROLYN WASHINGTON	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	Debbie WASHINGTON JONES Frederick BENSON Ad Jaan	Haines Company, Inc Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Davis Dick handyman	Pacific Telephone

### 1410 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE GONZALEZ	Cole Information Services
2009	CARLOS GUZMAN	Cole Information Services
2006	TORRES Maria DIAZ Jan lme MNDERSON Quava	Haines Company, Inc Haines Company, Inc Haines Company, Inc
2004	SHAWHAN GIBSON	Cole Information Services
1999	CARLOS GUZMAN	Cole Information Services

### 1411 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EFFIE SHAW	Cole Information Services
2006	CONNORS Steven	Haines Company, Inc
2004	STEVEN CONNORS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Hines Frozenia	Pacific Telephone
1967	Ponti Felice	Pacific Telephone
1958	Ponti Felice	Pacific Telephone

### 1412 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VICTOR RODRIGUEZ	Cole Information Services
2009	VICTOR RODRIGUEZ	Cole Information Services
2006	RODRIGUEZ Victor	Haines Company, Inc
1999	VICTOR RODRIGUEZ	Cole Information Services
1967	Guesnon Christopher	Pacific Telephone

### 1413 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EDWARD COSIO	Cole Information Services
2009	MOISES RIVERA	Cole Information Services
2006	No Current Listing	Haines Company, Inc
1999	MOISES RIVERA	Cole Information Services
1976	Higgins Lonzetta	Pacific Telephone
1967	Higgins Shirley A	Pacific Telephone
	Gardener Beverly V	Pacific Telephone
1958	Barrett Walter	Pacific Telephone

### 1414 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1415 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	PATRICK YOUNG	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	JAMES YOUNG	Cole Information Services
1999	PATRICK YOUNG	Cole Information Services
1967	Rhodes David A	Pacific Telephone

### 1416 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ORDRIS SMITH	Cole Information Services
2009	SHIRLEY ELLISON	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CORPUZ Kate	Haines Company, Inc
2004	SHIRLEY ELLISON	Cole Information Services
1999	SHIRLEY ELLISON	Cole Information Services
1995	Corpuz Kate	Pacific Bell
1994	CORPUZ, KATE	Cole Information Services
1967	Corpuz Kate	Pacific Telephone
1958	Flagg A H Jr	Pacific Telephone

### 1417 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIO CASTRO	Cole Information Services
	JENNIFER MUNGUIA	Cole Information Services
2009	EDWARD COSIO	Cole Information Services
	GEORGE HOLSOME & CO	Cole Information Services
2006	MOLINA Ana	Haines Company, Inc
	V POLANCO Gustavo	Haines Company, Inc
2004	GEORGE HOLSOME	Cole Information Services
1999	EDWARD COSIO	Cole Information Services
1994	GASKIN, T	Cole Information Services
1976	White Judy A	Pacific Telephone
1967	Milton Lawrence	Pacific Telephone
1958	Dickerson Neil A	Pacific Telephone

### 1418 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CESAR GALLEGOS	Cole Information Services
	LINO LEDESMA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	MARGARITA SANCHEZ	Cole Information Services
	LINO LEDESMA	Cole Information Services
	CESAR GALLEGOS	Cole Information Services
2006	LEDE SMA Uno	Haines Company, Inc
2004	MARGARITA SANCHEZ	Cole Information Services
	GUILLERMINA LAGUNAS	Cole Information Services
1999	CESAR GALLEGOS	Cole Information Services
	LINO LEDESMA	Cole Information Services
	MARGARITA SANCHEZ	Cole Information Services
1967	Lloyd Irene	Pacific Telephone
	Russell Syrilda	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Stack Wm D	Pacific Telephone
	Russell Syrilda	Pacific Telephone

### 1419 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DARIO GORDILLO	Cole Information Services
2009	MONICA RAMIREZ	Cole Information Services
2006	o PEREZ Eugento	Haines Company, Inc
2004	EUGENIO PEREZ	Cole Information Services
1999	MONICA RAMIREZ	Cole Information Services
1976	Morgan Lee M	Pacific Telephone
1967	Morgan Lee M	Pacific Telephone
1958	Bermejo John B	Pacific Telephone

### 1422 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	FRANCISCA MEJIA	Cole Information Services
2006	AVILES H	Haines Company, Inc
	MEJIAPfandsca	Haines Company, Inc
2004	HENRY AVILAS	Cole Information Services
	RAPID LANE	Cole Information Services
1999	FRANCISCA MEJIA	Cole Information Services
1976	Savoit Donald	Pacific Telephone
1967	Savolt John	Pacific Telephone
1958	Savolt John	Pacific Telephone

### 1423 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROOSTER ARMSTRONG	Cole Information Services
2009	VERA ARMSTRONG	Cole Information Services
2006	ARMSTRONG Vera	Haines Company, Inc
2004	VERA ARMSTRONG	Cole Information Services
1999	VERA ARMSTRONG	Cole Information Services
1958	Wunder Wm F	Pacific Telephone

### 1424 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FELIX MONTGOMERY	Cole Information Services
2009	FELIX MONTGOMERY	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a MONTGOMERY Fetx	Haines Company, Inc
2004	FELIX MONTGOMERY	Cole Information Services
1999	FELIX MONTGOMERY	Cole Information Services
1995	Jenkins Mae BELL	Pacific Bell
1994	JENKINS, MAE B	Cole Information Services
1976	Jenkins Jas	Pacific Telephone
1967	Jenkins Jas	Pacific Telephone
1958	Kindler Chas R	Pacific Telephone

### 1425 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE ANDRES	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	CELIS Bella	Haines Company, Inc
2004	BELIA CELIS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Rios Isabel M	Pacific Telephone

### 1428 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EVELEAN LEE	Cole Information Services
	PRICE THOMPKINS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	CHARLES GRIGGS	Cole Information Services
2009	PRICE THOMPKINS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	THOMPKINS Price Jr	Haines Company, Inc
2004	PRICE THOMPKINS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	PRICE THOMPKINS	Cole Information Services
1994	THOMPKINS, PRICE JR	Cole Information Services
1976	Thompkins Price Jr	Pacific Telephone
1967	Legendre Wayne J	Pacific Telephone
1958	Gilliam Beaulah	Pacific Telephone

### 1430 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GONZALO LEMUS	Cole Information Services
	EMMA DILWORTH	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	R SALGUERO	Cole Information Services
	GARCIA DELOSREYES	Cole Information Services
2009	ANGELICA GUEVARA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	LEMUS Gonzalo A	Haines Company, Inc
	DILWORTH Roy 323 75 B 7661	Haines Company, Inc
2004	NANCY GARCIA	Cole Information Services
	ROY DILWORTH	Cole Information Services
1999	ANGELICA GUEVARA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Murphy Mack	Pacific Telephone

### 1431 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE CERVANTES	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	JOSEFINA CHAPMAN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	SANCHEZ, MIGUEL	Cole Information Services
1976	Sanchez Miguel	Pacific Telephone

### 1433 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GLORIA JIMENEZ	Cole Information Services
2009	GLORIA JIMENEZ	Cole Information Services
1999	GLORIA JIMENEZ	Cole Information Services

### 1434 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	JOSE CARRANZA	Cole Information Services
2006	CARRANZA Jios	Haines Company, Inc
2004	JOSE CARRANZA	Cole Information Services
1999	JOSE CARRANZA	Cole Information Services
1994	CARRANZA, JOSE	Cole Information Services
1958	Brazon Hector	Pacific Telephone

### 1435 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TEODORO CRUZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JUAN OLIVARES	Cole Information Services
2006	JUAREZ Aurom	Haines Company, Inc
2004	JUAN OLIVARES	Cole Information Services
1999	JUAN OLIVARES	Cole Information Services
1958	Chrys Geo N	Pacific Telephone

### 1436 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANA FLORES	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	FLORES Jaime	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Curtis Esther Mrs	Pacific Telephone
	Bonus Oscar	Pacific Telephone

### 1437 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	ISRAEL CRUZ	Cole Information Services
	LATASHA BLAYLOCK	Cole Information Services
	JOSE SOTO	Cole Information Services
2009	ISRAEL CRUZ	Cole Information Services
	JAIME CRUZ	Cole Information Services
2006	MANCIA Zulma	Haines Company, Inc
2004	GODS LIL CLEANERS INC	Cole Information Services
	ZULMA MANCIA	Cole Information Services
1999	JAIME CRUZ	Cole Information Services
	ISRAEL CRUZ	Cole Information Services
1994	GODOY, CARMEN	Cole Information Services
1976	Sprunk Andy	Pacific Telephone
	Garcia Maria	Pacific Telephone
1958	Sprunk Andy	Pacific Telephone

### 1440 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RICARDO CARIAS	Cole Information Services
2009	RICARDO CARIAS	Cole Information Services
2006	o CARIAS Ricardo	Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	RICARDO CARIAS	Cole Information Services
1999	RICARDO CARIAS	Cole Information Services
1967	Crockett Walter Mae	Pacific Telephone
1958	Vogelsinger G G	Pacific Telephone

### 1441 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE CABRALES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	ZAVALA Andrms	Haines Company, Inc
2004	ANDRES ZAVALA	Cole Information Services
	FRANCISCO NAVA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	RUYSS, ANA	Cole Information Services
	ARIAS, AURELIO	Cole Information Services
1976	Boyland H M	Pacific Telephone
1967	Cherry J M	Pacific Telephone
	Ashley Chas	Pacific Telephone
1958	Gibson Wayne	Pacific Telephone
	Gibson Sadie	Pacific Telephone
	Williams Otho Lee	Pacific Telephone

### 1442 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OSCAR VARGAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OSCAR VARGAS	Cole Information Services
2006	VARGAS Oscar	Haines Company, Inc
	ALAS Ricardo	Haines Company, Inc
2004	OSCAR VARGAS	Cole Information Services
1999	OSCAR VARGAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1967	Bean Eugene L	Pacific Telephone

### 1443 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CLAUDIA RODRIGUEZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JUAREZ RAYMUNDO	Cole Information Services
2006	No Current Listing	Haines Company, Inc
1999	JUAREZ RAYMUNDO	Cole Information Services
1994	AGUILAR, MARIA D	Cole Information Services
1967	Miller Mable C	Pacific Telephone
1958	Busby Chas L	Pacific Telephone

### 1445 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAFAEL CUEVAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1976	Mickey Oscar G	Pacific Telephone
1967	Levy Evelyn	Pacific Telephone
1958	Coleman Geo	Pacific Telephone
	Zeamer Edw Mrs	Pacific Telephone

### 1446 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE RUIZ	Cole Information Services
2009	JOSE RUIZ	Cole Information Services
2006	RUIZ Jose	Haines Company, Inc
2004	JOSE RUIZ	Cole Information Services
1999	JOSE RUIZ	Cole Information Services
1994	HERNANDEZ, MARIA G	Cole Information Services
	ALBANEZ, DALILA	Cole Information Services
1976	Clarke Larry O	Pacific Telephone
1967	Brandon Isobel L	Pacific Telephone

### 1447 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	D MEDRANO	Cole Information Services
2006	No Current Listing	Haines Company, Inc

### 1448 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FRANCISCO TORRES	Cole Information Services
2006	PETERSON Diane	Haines Company, Inc
	ADRINN Lioraln	Haines Company, Inc
2004	MARTIN PALMA	Cole Information Services
1967	Wyatt Gwendolyn E	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Wyatt Gwendolyn E	Pacific Telephone

### 1449 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	MARIO GURROLA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	MARIO SOLIZ	Cole Information Services
2006	a GURROLA Marto	Haines Company, Inc
	SOLIZ Mario	Haines Company, Inc
2004	MARIO SOLIZ	Cole Information Services
	MARIO GURROLA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	MARIO SOLIZ	Cole Information Services
1994	VARGAS, PAULINO	Cole Information Services
1976	Broughton Spencer J	Pacific Telephone
	Craig Bernice	Pacific Telephone
1958	Mangold Geo	Pacific Telephone

### 1452 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	STANLEY MASSEY	Cole Information Services
2009	IESHIA MOORE	Cole Information Services
2006	o DEMAR Lonnie	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	IESHIA MOORE	Cole Information Services
1967	Glass Chas	Pacific Telephone
1958	Glass Chas	Pacific Telephone

### 1453 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ARTURO GONZALEZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	SORTO JDeI	Haines Company, Inc
	b MIER Peter	Haines Company, Inc
	Hemancfez	Haines Company, Inc
	ARGUETA Maria 323 753 0D	Haines Company, Inc
2004	JOEL SORTO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	La Croix Edw L	Pacific Telephone
	La Croix Gertrude A	Pacific Telephone

### 1454 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ALVARO SALAZAR	Cole Information Services
1999	ALVARO SALAZAR	Cole Information Services
1967	Hudson Jan Jr	Pacific Telephone
1958	Carrasco Josefa	Pacific Telephone

### 1455 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CARLOS ALVAREZ	Cole Information Services
2009	ESTELA BANDA	Cole Information Services
2006	o BANDA Estella	Haines Company, Inc
1999	ESTELA BANDA	Cole Information Services

### 1458 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANTONIO ANGULO	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	MANUEL GODINEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Moore Janet	Pacific Telephone

### 1459 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA DIAZ	Cole Information Services
2006	BRIONES Marisa	Haines Company, Inc
	o ALVARADO Sayll	Haines Company, Inc
2004	ALFREDO GARCIA	Cole Information Services
1958	Stull Ethel	Pacific Telephone

### 1500 W 59TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JULIAN VALENZUELA	Cole Information Services
2009	JULIAN VALENZUELA	Cole Information Services
2006	o SANCHEZ Jullan	Haines Company, Inc
2004	JULIAN SANCHEZ	Cole Information Services
1999	JULIAN VALENZUELA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Brown Charley	Pacific Telephone
1958	Brown Charley	Pacific Telephone

### **1501 W 59TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TEMI GARCIA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	G LOPEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OSCAR MEJIA	Cole Information Services
1999	G LOPEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1958	Waters Clance	Pacific Telephone

### **W 60TH ST**

#### **1185 W 60TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

#### **1201 W 60TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA MENDOZA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	SMITH, MINNIE L	Cole Information Services
1976	Smith Willie D	Pacific Telephone
1958	Cooksey Ada B	Pacific Telephone

#### **1206 W 60TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BARBARA JOHNSON	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	JOHNSON Barbara	Haines Company, Inc
2004	MARIA INIGUEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Simon Elmer	Pacific Telephone

## FINDINGS

### 1207 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	REYNA MEJIA	Cole Information Services
2009	CARLOS HERNANDEZ	Cole Information Services
2006	PORTILLO Nancy a HERNANDEZ Carios	Haines Company, Inc Haines Company, Inc
2004	CARLOS HERNANDEZ	Cole Information Services
1999	CARLOS HERNANDEZ	Cole Information Services

### 1212 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CALIXTO SERRANO CALIXTO GAMBOA	Cole Information Services Cole Information Services
2009	CALIXTO SERRANO CALIXTO GAMBOA	Cole Information Services Cole Information Services
2006	SERRANO Callxto a GAMBOA Callxto	Haines Company, Inc Haines Company, Inc
2004	CALIXTO SERRANO CALIXTO GAMBOA	Cole Information Services Cole Information Services
1999	CALIXTO SERRANO CALIXTO GAMBOA	Cole Information Services Cole Information Services
1967	Norton Napeleon	Pacific Telephone

### 1213 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MANFREDIS MELENDEZ	Cole Information Services
2009	MIRIAM RAMIREZ	Cole Information Services
2006	RAMIREZ Miriam	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MIRIAM RAMIREZ	Cole Information Services
1995	Perez Douglas	Pacific Bell
1994	PEREZ, DOUGLAS	Cole Information Services
1976	Perez Douglas	Pacific Telephone
1967	Perez Douglas	Pacific Telephone
1958	Perez Douglas	Pacific Telephone

### 1214 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE TORRES	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	TORRES Jose	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Woods Martha	Pacific Telephone
1958	Cadden Morris	Pacific Telephone

### 1216 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2006	a ESTRADAJorge e	Haines Company, Inc
2004	KAREN ESTRADA	Cole Information Services
1976	Robinson Jessie	Pacific Telephone
1967	Quock Harry	Pacific Telephone
1958	Quock Harry	Pacific Telephone

### 1217 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DURLAH WILLIAMSON	Cole Information Services
2009	RIGOBERTO MAGANA	Cole Information Services
2006	ALCARAZ Jose e AVALOS Jose	Haines Company, Inc Haines Company, Inc
2004	RONALD MEJIA	Cole Information Services
1999	RIGOBERTO MAGANA	Cole Information Services
1994	WRIGHT, DESMOND	Cole Information Services
1976	Wright Desmond	Pacific Telephone

### 1218 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERTO RUIZ	Cole Information Services
2009	JORGE ESTRADA	Cole Information Services
2004	ANA HERNANDEZ	Cole Information Services
1999	JORGE ESTRADA	Cole Information Services
1976	Lewis Evelyn	Pacific Telephone

### 1222 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	WILLIAMS LYDEL	Cole Information Services
2009	JESSIE WILLIAMS	Cole Information Services
2006	a WILLIAMS Jessie	Haines Company, Inc
1999	JESSIE WILLIAMS	Cole Information Services

## FINDINGS

### 1223 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SAMURA MARK	Cole Information Services
	ANNE MARX	Cole Information Services
	FILIBERTO ROSALES	Cole Information Services
2009	ANNIE MARK	Cole Information Services
2004	MARIA LOPEZPENATE	Cole Information Services
	SAMUEL MARK	Cole Information Services
1999	ANNIE MARK	Cole Information Services
1976	Mc Leod Homer E	Pacific Telephone
1967	Lymuel Leon Jr	Pacific Telephone

### 1224 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	MAURICE SHAW	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	JESSIE WILLIAMS	Cole Information Services
2004	JESSIE WILLIAMS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JESSIE WILLIAMS	Cole Information Services
1958	Nelson Elmer J	Pacific Telephone

### 1225 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	FRANCIS Farlsa	Haines Company, Inc
2004	RICKY FRANCIS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1226 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SAM CUNNINGHAM	Cole Information Services
2009	SAM CUNNINGHAM	Cole Information Services
2006	&CUNNINGHAM Sam	Haines Company, Inc
2004	SAM CUNNINGHAM	Cole Information Services
1999	SAM CUNNINGHAM	Cole Information Services
1967	Gallegos Henry	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Gallegos Sal	Pacific Telephone
	Gallegos Henry	Pacific Telephone

### 1227 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MIRNA DUARTE	Cole Information Services
2006	SOTO Julia	Haines Company, Inc
	DANCY Benny	Haines Company, Inc
2004	MANUEL SERRANO	Cole Information Services
1958	Santamaria Juan Jr	Pacific Telephone

### 1229 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROMAN RONDEROS	Cole Information Services
2009	LEONEL LEMUS	Cole Information Services
1999	LEONEL LEMUS	Cole Information Services
1967	Taylor Byron P	Pacific Telephone

### 1231 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRADFORD MOORE	Cole Information Services
2009	RAQUEL SEQUEIRA	Cole Information Services
1999	RAQUEL SEQUEIRA	Cole Information Services

### 1232 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SANTOYO Rog 8llo	Haines Company, Inc
1958	Lucas Marion O	Pacific Telephone

### 1233 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAY CAPONE	Cole Information Services
	MIA BRANDON	Cole Information Services
	JEROME SIMMONS	Cole Information Services
	DESHAWN JOHNSON	Cole Information Services
2009	ERICK PENA	Cole Information Services
2006	a SEQUEIRA Raquel	Haines Company, Inc
2004	ARACELI LAZARO	Cole Information Services
	RAQUEL SEQUEIRA	Cole Information Services
	SANDRA REYES	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JOSE CASTILLO	Cole Information Services
1999	ERICK PENA	Cole Information Services
1976	Spencer Retha	Pacific Telephone
1967	Gallegos Sal	Pacific Telephone
1958	Maxwell Pearl M	Pacific Telephone

### 1234 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROGELIO SANTOYO	Cole Information Services
2009	GABRIEL FLORES	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	ROGELIO SANTOYO	Cole Information Services
1999	GABRIEL FLORES	Cole Information Services
1994	SANTOYA, MARTHA	Cole Information Services
1976	Quon Foon Chock	Pacific Telephone
1967	Quon Foon Chock	Pacific Telephone
1958	Quon Foon Chock	Pacific Telephone

### 1236 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HECTOR RIVAS	Cole Information Services
2006	a RIVAS Dinora	Haines Company, Inc
2004	RAFAEL RIVAS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Rocha C C	Pacific Telephone

### 1237 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BENJAMIN CRUZ	Cole Information Services
	VICTOR MAGANA	Cole Information Services
2009	VICTOR MAGANA	Cole Information Services
	ROSA POLIO	Cole Information Services
2004	VICTOR MAGANA	Cole Information Services
1999	VICTOR MAGANA	Cole Information Services
	ROSA POLIO	Cole Information Services
1976	Jones Frank	Pacific Telephone
1958	De Lange Jerry L	Pacific Telephone

## FINDINGS

### 1239 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	MARIO SUCHITE	Cole Information Services
	MUNOZ RIVERA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	/I CRUZVeronlca	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	MORENO, SALBINO	Cole Information Services
1967	Gipolan Lawrence	Pacific Telephone
	Tijerina Abel	Pacific Telephone
1958	Moreno Sal A	Pacific Telephone
	Palacios David	Pacific Telephone

### 1241 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAMISI WATKINS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	WATKINSLuc lllc	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	White Mamie	Pacific Telephone

### 1242 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ORBELINA ROMERO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	MELGARAna A	Haines Company, Inc
	ARELLANO Frandsco	Haines Company, Inc
2004	EDDIE JOHNSON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Heineman Jose	Pacific Telephone
1958	Jones Mollie E	Pacific Telephone

### 1243 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Pruitt Warfield	Pacific Telephone



## FINDINGS

### 1244 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE MARIN	Cole Information Services
2009	JOSE MARIN	Cole Information Services
2006	CARRILLOVidal MARIN Jose C	Haines Company, Inc Haines Company, Inc
2004	JOSE MARIN VIDAL CARRILLO	Cole Information Services Cole Information Services
1999	GUSTAVO CASTELLANO JOSE MARIN	Cole Information Services Cole Information Services
1976	Brandon A	Pacific Telephone
1958	Engle Russell R Jay Wm S	Pacific Telephone Pacific Telephone

### 1245 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1246 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALBERT THORNTON	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	THORNTON Albert	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Smith Sampson	Pacific Telephone
1967	Martinez Leo E Martinez Carmen	Pacific Telephone Pacific Telephone
1958	Abeyta Santiago Audoro	Pacific Telephone

### 1247 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DAVID QUINTANILLA	Cole Information Services
2009	DAVID QUINTANILLA	Cole Information Services
2006	o QUINTANILLA David	Haines Company, Inc
2004	DAVID QUINTANILLA	Cole Information Services
1999	PERVIS HARRIS DAVID QUINTANILLA	Cole Information Services Cole Information Services

### 1248 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VANESSA FLORES	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	NORA FLORES	Cole Information Services
2004	NORA FLORES	Cole Information Services
1999	NORA FLORES	Cole Information Services
1967	Aceves Ildefonso	Pacific Telephone
1958	Lee Ira V	Pacific Telephone
	Hanna Robt	Pacific Telephone

### 1249 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELBER SALAS	Cole Information Services
2009	ELBER SALAS	Cole Information Services
2006	SALAS Bber	Haines Company, Inc
	CHAVEZAna E	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ELBER SALAS	Cole Information Services
1958	Clark Francis Edmond	Pacific Telephone

### 1252 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE MURILLO	Cole Information Services
2009	FRANCISCO VERGARA	Cole Information Services
2006	e MURILLOJose	Haines Company, Inc
2004	JOSE MURILLO	Cole Information Services
1999	FRANCISCO VERGARA	Cole Information Services
1976	Johnson Melba J	Pacific Telephone
1967	Johnson Melba J	Pacific Telephone
1958	Lutcher Eugenia	Pacific Telephone

### 1253 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	NOEMI CANALES	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	WAREDav Id	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	CASTELLANOS, GUSTAVO	Cole Information Services
1958	Welte Emma E L	Pacific Telephone

## FINDINGS

### 1254 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1255 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CATALINA VELAZQUEZ	Cole Information Services
2009	CANDELARIO BARRERA	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	CANDELARIO BARRERA	Cole Information Services
1994	ESTRADA, M	Cole Information Services

### 1257 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GABRIEL MENDEZ	Cole Information Services
2009	BELEN MENDEN	Cole Information Services
2006	MENDEN Belen	Haines Company, Inc
2004	MARIA MENDEZ	Cole Information Services
1999	BELEN MENDEN	Cole Information Services
1976	Liddell Trudie A	Pacific Telephone
1967	Liddell Trudie A	Pacific Telephone

### 1300 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MICHAEL MACK	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	GLORIA WELLS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	PEYTON, D	Cole Information Services
1958	Stuler Sarah F	Pacific Telephone

### 1301 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BERTHA SALMERON	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	SALMERO De GARCIA Arturo	Haines Company, Inc Haines Company, Inc
2004	ARTURO GARCIA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

### 1305 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Galardo Esteban Andas	Pacific Telephone

### 1306 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRIAN QUINTEROS	Cole Information Services
2009	MIGUEL QUINTEROS	Cole Information Services
2006	QUINTEROS Miguel	Haines Company, Inc
2004	MIGUEL QUINTEROS	Cole Information Services
1999	MIGUEL QUINTEROS	Cole Information Services

### 1307 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERTO GALLARDO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	GORDON DICKERSON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Johnson Jesse	Pacific Telephone

### 1309 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	EMILIO ALVAREZ	Cole Information Services
2009	RITA RANGEL	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	RITA RANGEL	Cole Information Services
1967	Gunter Shirley M	Pacific Telephone
1958	Wong Henry	Pacific Telephone

### 1312 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALICIA RODRIGUEZ	Cole Information Services
2009	LEONARD MARTINEZ	Cole Information Services
2006	a MARTINEZ Maeo	Haines Company, Inc
2004	MARIO MARTINEZ	Cole Information Services
1999	LEONARD MARTINEZ	Cole Information Services
	MARIO MARTINEZ	Cole Information Services
1967	McLeod Elbert	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	McLeod Virgie Mae	Pacific Telephone

### 1313 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OSCAR LOPEZ	Cole Information Services
2009	OSCAR LOPEZ	Cole Information Services
2006	o LOPEZ Oscar	Haines Company, Inc
2004	OSCAR LOPEZ	Cole Information Services
1999	OSCAR LOPEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 1315 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE HERNANDEZ	Cole Information Services
2009	JOSE HERNANDEZ	Cole Information Services
2006	HERNANDEZ Maria	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JOSE HERNANDEZ	Cole Information Services
1976	Cooper Hattie	Pacific Telephone
1967	Neal Lily Mrs	Pacific Telephone

### 1316 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Harris Malachi C Jr	Pacific Telephone
1958	Harris Malachi C Jr	Pacific Telephone
	Harris Clematyne	Pacific Telephone

### 1317 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALEX LOVO	Cole Information Services
2009	EMELINA MIRANDA	Cole Information Services
	ORLANDO BONILLA	Cole Information Services
2006	a LOVOAlex	Haines Company, Inc
	Y/ HERNANDEZAna	Haines Company, Inc
2004	ORLANDO BONILLA	Cole Information Services
	EMELINA MIRANDA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	EMELINA MIRANDA	Cole Information Services
	ORLANDO BONILLA	Cole Information Services
1976	Neal Edwina	Pacific Telephone
1958	De La Torre Bernard	Pacific Telephone

### 1318 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	MOSES THOMAS	Cole Information Services
2009	MOSES THOMAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	THOMAS Hazel	Haines Company, Inc
	THOMAS T	Haines Company, Inc
	i/2 BELL Eddie Louis	Haines Company, Inc
2004	TINA THOMAS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	MOSES THOMAS	Cole Information Services
1994	THOMAS, TRACY	Cole Information Services
	BELL, EDDIE L	Cole Information Services
1976	Thomas Hazel	Pacific Telephone
	Solomon Isaac	Pacific Telephone
1958	Mc Fatridge Gladys Still	Pacific Telephone

### 1320 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1322 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	TOMAS TRUJILLO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	WALTER ERAZO	Cole Information Services
	GRISELDA RIOS	Cole Information Services
2009	MARIA ZAVALA	Cole Information Services
	JOSE LOPEZ	Cole Information Services
2006	Y LOPEZJose	Haines Company, Inc
	ARRIOLAJose Leon SANCHEZGustavo	Haines Company, Inc
2004	GUSTAVO SANCHEZ	Cole Information Services
	MIGUEL CASTELLANOS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	JOSE LOPEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	MARIA ZAVALA	Cole Information Services
1976	Lee Artie	Pacific Telephone
1958	Cuevas Carlos A	Pacific Telephone
	Kabbani Edw	Pacific Telephone

### 1323 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DOMINGA HERNANDEZ	Cole Information Services
2009	GERMAN PALMA	Cole Information Services
2006	e PALMAGerman	Haines Company, Inc
2004	EDUARDO CARBAJAL	Cole Information Services
1999	EDUARDO CARBAJAL	Cole Information Services
	GERMAN PALMA	Cole Information Services

### 1324 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOEL GARCIA	Cole Information Services
2009	GLORIA PINEDA	Cole Information Services
2006	s ORELLANA Maia	Haines Company, Inc
2004	JOSE GONZALEZ	Cole Information Services
1999	GLORIA PINEDA	Cole Information Services

### 1325 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	JOSEPH LOPEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	EDUARDO CARBAJAL	Cole Information Services

### 1326 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GLORIA PINEDA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Jaurette John	Pacific Telephone
1958	Jaurette John	Pacific Telephone

## FINDINGS

### 1327 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRAULIA REYES	Cole Information Services
2009	BRAULIA REYES	Cole Information Services
2004	BRAULIA REYES	Cole Information Services
1999	BRAULIA REYES	Cole Information Services
1967	Glass Ruth Lois	Pacific Telephone
1958	Oates Ernest	Pacific Telephone

### 1329 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	KENNY TEPEPA	Cole Information Services
	VICTORIA COCHRAN	Cole Information Services
2009	CATALINA PEREZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	o PEREZ Catalina	Haines Company, Inc
2004	CATALINA PEREZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	CATALINA PEREZ	Cole Information Services
1967	Herring Ellis	Pacific Telephone
	Herring Annie	Pacific Telephone
1958	James Lee P Rev	Pacific Telephone
	Ratliff Clifton	Pacific Telephone
	Walker Octavia	Pacific Telephone

### 1332 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ELTWAN JONES	Cole Information Services
	JONES RENE	Cole Information Services
	MARCALETT WIDEMAN	Cole Information Services
2006	CLENDENNING Kim	Haines Company, Inc
2004	ARSENIA MONTEROLA	Cole Information Services

### 1333 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERTO RIOS	Cole Information Services
2009	ROBERTO RIOS	Cole Information Services
2006	RIOS Roberto	Haines Company, Inc
2004	ROBERTO RIOS	Cole Information Services
1999	ROBERTO RIOS	Cole Information Services



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Cotton Geo E Mrs	Pacific Telephone

### 1334 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OLIVIA BRUMFIELD	Cole Information Services
2009	OLLIE BRUMFIELD	Cole Information Services
2004	SHEENA AGNEW	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	OLLIE BRUMFIELD	Cole Information Services
1994	WYLIE, KENNETH L SR	Cole Information Services
1967	Kohtz C F	Pacific Telephone
1958	Kohtz C F	Pacific Telephone

### 1336 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARISOL REFUGIO	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	ESTRADARuben e	Haines Company, Inc
2004	RUBEN ESTRADA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Gower L	Pacific Telephone

### 1337 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JURETTA JOHNSON	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1976	Scourten Leamar	Pacific Telephone
1967	Coleman A L	Pacific Telephone

### 1338 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE ESTRADA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1967	Jackson Florine	Pacific Telephone
1958	Brinson Lowell H	Pacific Telephone

## FINDINGS

### 1339 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MAPLE SPILLERS	Cole Information Services
2009	ERNEST SPILLERS	Cole Information Services
2006	SPILLERS Enest	Haines Company, Inc
2004	ERNEST SPILLERS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ERNEST SPILLERS	Cole Information Services
1994	SPILLERS, ERNEST	Cole Information Services
1958	Penland Wm H	Pacific Telephone

### 1340 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAFAEL CASTILLO	Cole Information Services
2009	MEDARDO PALENCIA	Cole Information Services
2006	PALENCIA Medardo	Haines Company, Inc
2004	SAMUEL CRUZ	Cole Information Services
	EVA YERENA	Cole Information Services
	HENRY MORA	Cole Information Services
1999	MEDARDO PALENCIA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	GALLARDO, ALFREDO	Cole Information Services
1976	Lane Preston	Pacific Telephone
1967	Holmes Amelia	Pacific Telephone

### 1341 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	CHERIE HOLLOWAY	Cole Information Services
2006	ALLENEI	Haines Company, Inc
2004	LARUE JAMES	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	CHERIE HOLLOWAY	Cole Information Services
1994	JAMES, LARUE	Cole Information Services
1976	Milner Willie	Pacific Telephone

### 1342 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	GALLARDO, ALFREDO	Cole Information Services
1976	Rhodes Geraldine	Pacific Telephone

### 1346 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	JUAN VELASCO	Cole Information Services
2009	JUAN VELASCO	Cole Information Services
	MARIA SALVATIERRA	Cole Information Services
2006	I VELASCOJuan	Haines Company, Inc
	Vi SALVATIERRA Made	Haines Company, Inc
	/2 VALENZUELASusana	Haines Company, Inc
2004	MARIA SALVATIERRA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	JUAN VELASCO	Cole Information Services
1999	MARIA SALVATIERRA	Cole Information Services
	JUAN VELASCO	Cole Information Services
1976	Gallow Margaret	Pacific Telephone
1967	Miles Jas	Pacific Telephone
1958	Erickson Oscar H	Pacific Telephone

### 1347 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	DENISE PHILLIPS	Cole Information Services
2009	DENISE PHILLIPS	Cole Information Services
2004	TANYA FAULKNER	Cole Information Services
1999	DENISE PHILLIPS	Cole Information Services
1994	GUIDRY, LEONA E	Cole Information Services
1976	Guidry Leona E Mrs	Pacific Telephone
1967	Williams Lillian	Pacific Telephone
	Guidry Leona E Mrs	Pacific Telephone
1958	Thompson Ivy Louise	Pacific Telephone

### 1352 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANGEL MARTINEZ	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ANGEL MARTINEZ	Cole Information Services
2006	MARTINEZ Margarita	Haines Company, Inc
2004	ANGEL MARTINEZ	Cole Information Services
1999	ANGEL MARTINEZ	Cole Information Services
1994	LUENGAS, ANGEL M	Cole Information Services
1976	Woodward Ella	Pacific Telephone
1967	Woodard Dan	Pacific Telephone
1958	Bozarth Roy	Pacific Telephone

### 1353 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	ANTHONY HOLIDAY	Cole Information Services
2006	HOLIDAY Anthony	Haines Company, Inc
	WILLIAMS R	Haines Company, Inc
	o WILLIAMS R	Haines Company, Inc
	o WILLIAMS R	Haines Company, Inc
2004	ROBERT WILLIAMS	Cole Information Services
1999	ANTHONY HOLIDAY	Cole Information Services

### 1401 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DELORIS JACKSON	Cole Information Services
2009	THELMA OLIPHANT	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	THELMA OLIPHANT	Cole Information Services
1999	THELMA OLIPHANT	Cole Information Services

### 1403 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HERBERT FORD	Cole Information Services
2009	T FORD	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	T FORD	Cole Information Services

### 1405 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LUIS BONILLA	Cole Information Services
2009	LUIS BONILLA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CABALLERO Arell	Haines Company, Inc
	GORDILLO Amparo	Haines Company, Inc
	MORENO Aura	Haines Company, Inc
	LOPEZ Cados	Haines Company, Inc
2004	WALFRED GORDILLO	Cole Information Services
1999	LUIS BONILLA	Cole Information Services
1958	Wells A E Mrs	Pacific Telephone

### 1406 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc
1999	OCCUPANT UNKNOWN	Cole Information Services
1958	Noah Leslie R	Pacific Telephone

### 1407 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALFREDO RODRIGUEZ	Cole Information Services
2009	ALFREDO RODRIGUEZ	Cole Information Services
2006	o RODRIGUEZ Olga	Haines Company, Inc
2004	ALFREDO RODRIGUEZ	Cole Information Services
1999	ALFREDO RODRIGUEZ	Cole Information Services
1958	Lackey C M	Pacific Telephone

### 1408 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1410 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GABRIEL SANCHEZ	Cole Information Services
2009	JUAN SANCHEZ	Cole Information Services
2006	SANCHEZ Juan	Haines Company, Inc
2004	JUAN SANCHEZ	Cole Information Services
1999	JUAN SANCHEZ	Cole Information Services
1994	GUGINO, BUELAH	Cole Information Services
1976	Gugino Buelah	Pacific Telephone

## FINDINGS

### 1411 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Maier O	Pacific Telephone

### 1412 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MALCOLM NELSON	Cole Information Services
2009	MAURICE LEWIS	Cole Information Services
2006	o LEWIS Lynette	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	MAURICE LEWIS	Cole Information Services
1967	Hunter Robt	Pacific Telephone
	Hunter Leah	Pacific Telephone
1958	Kaiser Kenneth F	Pacific Telephone

### 1413 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE ANDRADE	Cole Information Services
2006	CEJA Francisco	Haines Company, Inc
2004	FRANCISCO CEJA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

### 1414 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	SALINAS RIOS	Cole Information Services
2004	JESUS MORALES	Cole Information Services
	MAURA LARA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	BARAJAS, ARMANDO	Cole Information Services
	BERUMEN, IRMA	Cole Information Services
1976	Gallardo Jose	Pacific Telephone
1967	Bolden Pearlle	Pacific Telephone
1958	Sanders M R	Pacific Telephone
	Beagle Mabel	Pacific Telephone

### 1415 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FRANCISCO CEJA	Cole Information Services
2009	FRANCISCO CEJA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	FRANCISCO CEJA	Cole Information Services
1976	White John Jr	Pacific Telephone
	Allen Mary	Pacific Telephone

### 1418 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	ERIBERTO VALENCIA	Cole Information Services
2004	ERIBERTO VALENCIA	Cole Information Services
	VIDAL ORTIZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	BANUELOS, MANUEL	Cole Information Services
1976	Andrade Jose Luis	Pacific Telephone
	Valencia Bacilio	Pacific Telephone
1958	Kress Helen	Pacific Telephone

### 1419 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SALVADOR BLANCO	Cole Information Services
2006	a BLANCO Salvador	Haines Company, Inc
	PEREZO	Haines Company, Inc
1976	Williams Mary	Pacific Telephone
1958	Jacobs Stephen	Pacific Telephone

### 1422 W 60TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LEONOR GONZALEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	VICTOR RODRIGUEZ	Cole Information Services
2009	HELIO ROLDAN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2006	o ROLDAN Hello B	Haines Company, Inc
2004	JOSE VENEGAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	HELIO ROLDAN	Cole Information Services
	FRANCIS SILVA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	HELIO ROLDAN	Cole Information Services
1994	CASTANEDA, LUIS M	Cole Information Services
1967	Daniel Sharon	Pacific Telephone
	Young Edw	Pacific Telephone
	Young Gloria	Pacific Telephone
	Young Massie	Pacific Telephone
1958	Combo Geraldo L	Pacific Telephone
	Metoyer Ernest V	Pacific Telephone

### **1423 W 60TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ALFRED CARRILLO	Cole Information Services
2009	LADONNA BROWN	Cole Information Services
2006	o HARRISON Janie	Haines Company, Inc
2004	LADONNA BROWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	LADONNA BROWN	Cole Information Services
1967	Monaghan John	Pacific Telephone

### **1425 W 60TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
	JENEAN ORTIZ	Cole Information Services
2009	JENEAN ORTIZ	Cole Information Services
2006	NGANGA Harriet	Haines Company, Inc
	Jenean	Haines Company, Inc
	MERRIWEATHER	Haines Company, Inc
2004	TAMEKA HAMILTON	Cole Information Services
1999	JENEAN ORTIZ	Cole Information Services
1976	Blackwell M A	Pacific Telephone
1958	Happe Emelie Mrs	Pacific Telephone

### **W SLAUSON AV H1248 SAME**

#### **1200 W SLAUSON AV H1248 SAME**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	MILLER Phineas J Cressie gro	Los Angeles Directory Co.



## FINDINGS

### **W SLAUSON AV R INGLWD**

#### **1104 W SLAUSON AV R INGLWD**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1942	Grant Robt L Anna M radios	Los Angeles Directory Co.

#### **1218 W SLAUSON AV R INGLWD**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1942	MILLER Walter auto repr	Los Angeles Directory Co.

### **W SLAUSON AV R MAYWD**

#### **1410 W SLAUSON AV R MAYWD**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1942	Constant Jack mach	Los Angeles Directory Co.

### **W SLAUSON AVE**

#### **1100 W SLAUSON AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2015	UNION BANK	Cole Information Services
	EL SUPER 17	Cole Information Services
	FAST LOS ANGELES LOCKSMITH	Cole Information Services
	CONTINENTAL EXCHANGE SOLUTION	Cole Information Services
2009	GIGANTE USA INC	Cole Information Services
	UNION BANK OF CALIFORNIA	Cole Information Services
	QUIZNOS	Cole Information Services
2006	GIGANTE USA	Haines Company, Inc
	QUIZNOS	Haines Company, Inc
1942	JACKSON Earl P Helen Southwest Termite Control	Los Angeles Directory Co.
	SOUTHWEST Termite Control E P Jackson	Los Angeles Directory Co.
1937	Youngberg Willard S Jean P	Los Angeles Directory Co.
1933	Martin Brice H Martha dep State Real Estate Dept	Los Angeles Directory Co.
	Martin Martha S Mrs music tchr	Los Angeles Directory Co.
1924	MARTIN Brice H slsmn J M Best h	Los Angeles Directory Co.

#### **1108 W SLAUSON AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1942	Kreta Steph M Fern trucking	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	MC ARTHUR Melvin Dorothy plmbr	Los Angeles Directory Co.
1929	OMARA Thos F	Los Angeles Directory Co.
	Mc ARTHUR Beatrice mach opr	Los Angeles Directory Co.
1924	Ligier Wilfred L flyr r	Los Angeles Directory Co.
	Ligier Marianne J wid L R h	Los Angeles Directory Co.
	Ligier Edwd L granite ctr r	Los Angeles Directory Co.
	Ligier De Forrest G flyr r	Los Angeles Directory Co.

### 1115 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ALEJANDRO MUNOZ	Cole Information Services
1999	ALEJANDRO MUNOZ	Cole Information Services

### 1116 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	MARSHALL Robt Agnes F glass	Los Angeles Directory Co.
	Marshall Agnes F Indywkr	Los Angeles Directory Co.
	DYE Pauline H Mrs fctywkr	Los Angeles Directory Co.
1937	MARSHALL Clinton R rubberwkr	Los Angeles Directory Co.
1924	Maloney Auburn J plumber h	Los Angeles Directory Co.

### 1124 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	WARD Wm grading contr	Los Angeles Directory Co.
1937	WARD Wm road contr	Los Angeles Directory Co.
	Keith Albt L road roller opr	Los Angeles Directory Co.
1933	WARD Wm road contr equipment	Los Angeles Directory Co.
1929	WARD Wm M paving contr	Los Angeles Directory Co.
	Zerba Wm E roller opr W M Ward r	Los Angeles Directory Co.

### 1130 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	VERMONT SLAUSON ECONOMIC DEVELOPMEN	Cole Information Services
2009	VERMONT SLSON ECNOMC DIVISION CORP	Cole Information Services
2006	ECNMC DVLP	Haines Company, Inc
	VERMONT SLAUSON	Haines Company, Inc

## FINDINGS

### 1132 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	ROTH John Mollie driver	Los Angeles Directory Co.
	ROTH Mollie Indywkr	Los Angeles Directory Co.
1937	Heaton Wm road roller opr	Los Angeles Directory Co.
	Manges Elmer F Charlotte E rubberwkr	Los Angeles Directory Co.
1929	Spence Basil A Edith electn h	Los Angeles Directory Co.
1924	JOHNSTON Wm G baker h	Los Angeles Directory Co.

### 1136 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Mc Clintock & Sons Monroe G E M E adv distrs	Los Angeles Directory Co.
1933	LYNCH John H Beatrice printer	Los Angeles Directory Co.

### 1139 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Wilburs Aviary & Pet Shop	Pacific Telephone

### 1140 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MAURA ESCOBAR	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	PAUL BANNER	Cole Information Services
2006	BANNER Paul	Haines Company, Inc
2004	ROBERTO VENTURA	Cole Information Services
	PAUL BANNER	Cole Information Services
1999	PAUL BANNER	Cole Information Services
1958	Nichols Babe	Pacific Telephone
	Smith Robt A	Pacific Telephone
1942	ALLEN Hi Mott	Los Angeles Directory Co.
	Carpenter Bebe G dancing tchr	Los Angeles Directory Co.
1937	ALLEN H Mott Emily M pntr	Los Angeles Directory Co.
1933	ALLEN Hi Mott Emily M sign pntr	Los Angeles Directory Co.
1924	ALLEN H Mott painter h	Los Angeles Directory Co.

### 1143 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	h	Los Angeles Directory Co.

## FINDINGS

### 1144 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANA VASQUEZ	Cole Information Services
2009	ANA VASQUEZ	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	GREGORIO NARANJO	Cole Information Services
1999	ANA VASQUEZ	Cole Information Services
1986	ANCHONDO SYLVIA	Pacific Bell
1976	Randle John Wayne	Pacific Telephone

### 1146 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RICARDO DELATORRE	Cole Information Services
2009	RICARDO DELATORRE	Cole Information Services
	PABLO AZPEITIA	Cole Information Services
	MARTINEZ TRINIDAD	Cole Information Services
2006	DELATORRE Ricardo	Haines Company, Inc
2004	TRINIDAD MARTINEZ	Cole Information Services
	RICARDO DELATORRE	Cole Information Services
	JAVIER JIMENEZ	Cole Information Services
1999	RICARDO DELATORRE	Cole Information Services
	PABLO AZPEITIA	Cole Information Services
	MARTINEZ TRINIDAD	Cole Information Services
1994	MARROQUIN, REGINO	Cole Information Services
1971	Johnson Dorothy	Pacific Telephone
1958	Hannigan Alice Mrs	Pacific Telephone

### 1148 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Elkins Nuton T Ruth lab	Los Angeles Directory Co.
1937	GILLESPIE Mery E	Los Angeles Directory Co.
1933	Conroy Fred A Mildred mach	Los Angeles Directory Co.
	Conroy David E millwright	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.
	MANUEL Harry A clk r	Los Angeles Directory Co.

### 1150 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Beard Ophelia	Pacific Telephone
1942	Ficbelkorn Philip J Loota carn	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	SORENSEN Harry Margt tmkpr	Los Angeles Directory Co.
1933	GILLESPIE Mary E	Los Angeles Directory Co.
1929	GILLESPIE Mary E	Los Angeles Directory Co.

### 1152 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Krause Mach & Tool	Pacific Telephone

### 1154 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FAST WINDOWS & MORE INC	Cole Information Services
2009	J & S WINDOWS CORP	Cole Information Services
2006	J & S WINDOWS	Haines Company, Inc
	J & S WINDOWS	Haines Company, Inc
	CORPORATION	Haines Company, Inc
	J&SWINDOWS	Haines Company, Inc
2004	J & S WINDOWS CORP	Cole Information Services
1994	OMEGA ELECTRICAL SUPPLY CO	Cole Information Services
1990	OMEGA ELECTRICAL SUPPLY CO	Pacific Bell
1986	OMEGA ELECTRICAL SUPPLY CO	Pacific Bell
1976	Omega Electrical Supply Co	Pacific Telephone
1971	A One Carbide Saw	Pacific Telephone
	A One CARBIDE CUTTER SERV	Pacific Telephone
1958	A ONECARBIDE CUTTER SERV	Pacific Telephone

### 1156 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	JAEGER Paul E slsmn h	Los Angeles Directory Co.
	ROBINSON Paul E litho h	Los Angeles Directory Co.

### 1164 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ROBERTO PINEDA	Cole Information Services
2004	ROBERTO PINEDA	Cole Information Services
1999	ROBERTO PINEDA	Cole Information Services

### 1182 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Reinhelmer Geo F Mollie plmbr	Los Angeles Directory Co.

## FINDINGS

### 1200 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1994	VENTURA BODY SHOP	Cole Information Services
1990	VENTURA BODY SHOP	Pacific Bell
1942	Keighley Harry G Edna restr	Los Angeles Directory Co.
1937	Keighley Harry G Edna M restr	Los Angeles Directory Co.
1933	Gudclj Ella S Mrs gro	Los Angeles Directory Co.
1924	BEST Jas M real est	Los Angeles Directory Co.

### 1201 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	PORTER Geo M Sadie M lbr	Los Angeles Directory Co.
1937	SLAUSON Avenue Lumber Co G M Porter mgr	Los Angeles Directory Co.
1933	SLAUSON Av Lumber Co G M Porter pres	Los Angeles Directory Co.
1929	SLAUSON Avenue Lumber Co G M Porter pres	Los Angeles Directory Co.
1924	SLAUSON AVENUE LUMBER CO INC O J Seeley Pres G M Porter Sec Treas Lumber Sash Doors Mauldings Roofing Wall Board and Cement	Los Angeles Directory Co.

### 1204 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	GREGORIO AQUINO	Cole Information Services
2009	GREGORIO AQUINO	Cole Information Services
2006	AQUINO Gregorio	Haines Company, Inc
1999	GREGORIO AQUINO	Cole Information Services
1924	h	Los Angeles Directory Co.

### 1206 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	INDEPNC BLDG MNTNC	Cole Information Services
1986	MARQUEZ MANUEL	Pacific Bell
	MARQUEZ ANGELICA V	Pacific Bell
1971	Jeffers P A	Pacific Telephone
1958	Jeffers P A	Pacific Telephone
1942	Sutner John P Gladys fctywkr	Los Angeles Directory Co.
1937	HEALEY John R Bernice washing mach	Los Angeles Directory Co.
1933	Bergo Arth R Bella clk	Los Angeles Directory Co.
1929	Crass Saml barber	Los Angeles Directory Co.

## FINDINGS

### 1208 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	PIPER Harry E foremn h	Los Angeles Directory Co.

### 1212 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SLAUSON AUTO RESTORATION	Cole Information Services
2009	SLAUSON AUTO RESTORATION	Cole Information Services
	LUIE AUTO BODY SHOP	Cole Information Services
2006	SLAUSON AUTO RESTORATION	Haines Company, Inc
	RESTORATION	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	SLAUSON AUTO RESTORATION	Cole Information Services
1994	LUIE AUTO BODY SHOP	Cole Information Services
1990	MAURICE AUTO REPAIR	Pacific Bell
	MAURICE AUTO REPAIR	Pacific Bell
1986	MAURICE AUTO REPAIR	Pacific Bell
1981	MAURICE AUTO REPAIR	Pacific Telephone
1976	Maurice Auto Repair	Pacific Telephone
1971	Fiore Service	Pacific Telephone
	Maurice Auto Repair	Pacific Telephone
1958	Luther Automotive Serv	Pacific Telephone
1942	Luther Fred L V Ethel auto repr	Los Angeles Directory Co.
1937	Luther Fred L Ethel auto repr	Los Angeles Directory Co.
1933	Luther Fred L V Ethel auto repr	Los Angeles Directory Co.

### 1214 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Burly Leather & Packing	Pacific Telephone

### 1216 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RAPID ANODIZING	Cole Information Services
2009	RAPID PLATING	Cole Information Services
	RAPID INDUSTRIES INC	Cole Information Services
2004	RAPID INDUSTRIES	Cole Information Services
1999	RAPID PLATING COMPANY	Cole Information Services
1994	RAPID PLATING CO	Cole Information Services
1990	RAPID PLATING CO	Pacific Bell
1986	RAPID PLATING CO	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	RAPID PLATING CO	Pacific Telephone
1976	RAPID PLATING CO	Pacific Telephone
1971	RAPID PLATING CO	Pacific Telephone
1958	NORMAN MUFFLER CO	Pacific Telephone
1924	h	Los Angeles Directory Co.

### 1218 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Dances Edw W uphol	Los Angeles Directory Co.

### 1220 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Wadkins Elbert E driver	Los Angeles Directory Co.
1933	Schwanz Julius E Salome G mach	Los Angeles Directory Co.
1929	Blamy Winfred L Anna lather	Los Angeles Directory Co.
1924	Chauchon Amos L clk h	Los Angeles Directory Co.

### 1224 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Rite Tune Carburetor & Tune Up	Pacific Telephone
1971	ADAMS ELECTRIC & MOTOR SERVICE	Pacific Telephone
1958	Adams Motor & Elec Sev	Pacific Telephone
	ADAMS ELECTRIC & MOTOR SERV	Pacific Telephone
1937	Whitehouse Wilton pntr	Los Angeles Directory Co.
	Whitehouse Russell M Nora pntr	Los Angeles Directory Co.
	Whitehouse Ralph S clk	Los Angeles Directory Co.
1933	Whitehouse Richd pntr	Los Angeles Directory Co.
	Whitehouse Alvin pntr	Los Angeles Directory Co.
	Samuels Benj J Anna E carp	Los Angeles Directory Co.
	Whitehouse Russell M Nora pntr	Los Angeles Directory Co.
1929	HARRIS Lenora Mrs	Los Angeles Directory Co.
1924	SMITH Roy E auto mech r	Los Angeles Directory Co.
	Barragher Frank J Old Mill Cider Co r	Los Angeles Directory Co.
	Barrager Lillian B cashr Silverwoods r	Los Angeles Directory Co.

### 1232 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BAJIOS DYE	Cole Information Services
2006	TOWNWASH	Haines Company, Inc
	LAUNDRY	Haines Company, Inc



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	TOWN WASH LAUNDRY INC	Cole Information Services
1986	RELIABLE INDUSTRIAL LAUNDRY CO	Pacific Bell
1981	RELIABLE INDUSTRIAL LAUNDRY CO	Pacific Telephone
1976	Reliable Industrial Laundry Co	Pacific Telephone
1971	Reliable Industrial Laundry Co	Pacific Telephone
1958	Vesta Mach Co	Pacific Telephone
1942	Menashe Paul	Los Angeles Directory Co.
1937	Cumpston Albt D Daisy music tchr	Los Angeles Directory Co.
	Kaye Dennis K dancer	Los Angeles Directory Co.
1933	NICHOLSON Theresa Mrs	Los Angeles Directory Co.
1929	FRY Geo A Nida solr Community Industries	Los Angeles Directory Co.
	FRY Susan E labty techn	Los Angeles Directory Co.
1924	Fry Geo A h	Los Angeles Directory Co.
	Fry G Ellis cashr Eagle Rock State Bank r	Los Angeles Directory Co.
	r	Los Angeles Directory Co.

### 1236 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Unimatic Furnace Co J P Essek R J Douglas	Los Angeles Directory Co.

### 1238 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	VILLA FURNITURE MANUFACTURING	Cole Information Services
1990	ALLCRAFT KITCHENS	Pacific Bell
	ALLCRAFT DOOR & LOCK CO	Pacific Bell
1986	ALLCRAFT KITCHENS	Pacific Bell
	ALLCRATT DOOR & LOCK CO	Pacific Bell
1981	ALLCRAFT DOOR & LOCK CO	Pacific Telephone
	ALLCRAFT KITCHENS	Pacific Telephone
1976	ALLCRAFT KITCHENS	Pacific Telephone
	ALLCRAFT DOOR & LOCK CO	Pacific Telephone
1971	ALLCRAFT KITCHENS	Pacific Telephone

### 1240 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	FREETOWN AUTO CENTER	Cole Information Services
2006	FREETOWN AUTO CENTER	Haines Company, Inc Haines Company, Inc

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ROLLINS ALVINO A	Pacific Telephone
1976	Johnson Walter	Pacific Telephone
1958	Rupard Sterling	Pacific Telephone
1942	WALKER Edferd L Christine	Los Angeles Directory Co.
1937	Dutt Max auto repr	Los Angeles Directory Co.
1933	RANDALL Darius A Olga E carp	Los Angeles Directory Co.

### 1244 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	A & M SALES	Pacific Bell
	ACON REMOLDELING CONTR	Pacific Bell
1958	Precision Radio Products Co	Pacific Telephone

### 1248 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	BALL Owen J Betty B	Los Angeles Directory Co.
	BALL Kalma C driver	Los Angeles Directory Co.
1937	MILLER Phineas J Cressie M bkpr	Los Angeles Directory Co.
	MILLER Wm P aviator	Los Angeles Directory Co.
1933	MILLER Wm P lino opr	Los Angeles Directory Co.
1929	MILLER Wm P	Los Angeles Directory Co.
	MILLER Wm printer	Los Angeles Directory Co.
1924	SCHUBERT Walter F police h	Los Angeles Directory Co.
	De Lape David E chemist h	Los Angeles Directory Co.

### 1252 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	FLOWERS 4 LESS	Cole Information Services
1994	TRY ME FLORIST	Cole Information Services
1991	Try Me Florist	Pacific Bell
	TRYME FLORIST	Pacific Bell
1990	TRY ME FLORIST	Pacific Bell
1986	TRY ME FLORIST	Pacific Bell
1942	Mc Cleary Walter S Lillian A elec supp	Los Angeles Directory Co.
1933	Sultanig Rug Cleaning Co J T Weldon John Friend	Los Angeles Directory Co.
1929	Sultanig Rug Cleaning Co J T Weldon mgr	Los Angeles Directory Co.

## FINDINGS

### 1256 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE HIGAREDA	Cole Information Services
2009	JOSE HIGAREDA	Cole Information Services
2006	HIGAREDA Ana	Haines Company, Inc
2004	ERIKA CASARRUBIAS	Cole Information Services
1999	JOSE HIGAREDA	Cole Information Services
1942	Peters David B tel installer	Los Angeles Directory Co.
	MARTZ Hiram W formn SCTCo	Los Angeles Directory Co.
1937	PETERS David B tel installer	Los Angeles Directory Co.
1933	Gillett Eug A Mabel E clk	Los Angeles Directory Co.
1929	PETERS David B formn SCT Co	Los Angeles Directory Co.
	Peters Bertanna mach opr	Los Angeles Directory Co.
1924	LELAND Edwd A sergt police h	Los Angeles Directory Co.

### 1258 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MARIA HIGAREDA	Cole Information Services
2009	ANA HIGAREDA	Cole Information Services
2006	No Current Listing	Haines Company, Inc
2004	JAVIER AMADOR	Cole Information Services
1999	ANA HIGAREDA	Cole Information Services
1958	Stanley Ralph	Pacific Telephone
1942	BURNS Theo	Los Angeles Directory Co.
	BURNS Irene	Los Angeles Directory Co.
	BURNS Laura Mrs	Los Angeles Directory Co.
1937	BURNS Irene designer	Los Angeles Directory Co.
	BURNS Felix G	Los Angeles Directory Co.
	BURNS Walter R	Los Angeles Directory Co.
	BURNS Geo F cementwkr	Los Angeles Directory Co.

### 1300 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	VALLEJOS IRON WORKS	Cole Information Services
1994	ALVIN ENTERPRISES	Cole Information Services
1981	TRY ME FLORIST	Pacific Telephone
1976	Thomas Clarence	Pacific Telephone
1958	ORWAN ROOFING CO	Pacific Telephone
	KISTLER RICHARD J Orwan Roofing Co	Pacific Telephone
	Orwan Clara O Orwan Roofing Co	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	STERLING Cosmetic Co L L Russell Mrs Della Russell Earl Marquis	Los Angeles Directory Co.
1929	Kirtley Ory L Grace gro	Los Angeles Directory Co.
1924	Kirtley Bros O L and S T gro	Los Angeles Directory Co.

### 1302 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	CLARENCE THOMAS	Cole Information Services
1990	THOMAS CLARENCE	Pacific Bell
1986	THOMAS CLARENCE	Pacific Bell
1981	THOMAS CLARENCE	Pacific Telephone
	DRAFTALL DRAFTING SERVICE	Pacific Telephone
	DRAFTALL CONSTRUCTION CO	Pacific Telephone
1976	Thomas Clarence	Pacific Telephone

### 1303 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	UNIMATIC HEATING SYSTEMS INC	Pacific Telephone
1971	UNIMATIC HEATING SYSTEMS INC	Pacific Telephone
1958	Unimatic Heating Systems Inc	Pacific Telephone
	Tzolov Stefan	Pacific Telephone
	U Ni Matic Heating Systems Inc	Pacific Telephone
1942	Unimatic Heating Systems Inc L E Mc Haven pres Mrs E C Mc Ilveen v pres	Los Angeles Directory Co.
1937	BEACH Earl H formn R T Baumberger	Los Angeles Directory Co.
	Baumberger Ralph T auto trailers	Los Angeles Directory Co.

### 1304 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WELLS SEWERS	Haines Company, Inc
	DRNSV	Haines Company, Inc
2004	WELLS SEWER & DRAIN SERVICE	Cole Information Services
1999	WELLS SEWER & DRAIN SERVICE	Cole Information Services
1994	WELLS, GEORGE	Cole Information Services
	WELLS SEWER & DRAIN SVC	Cole Information Services
1990	WELLS SEWER & DRAIN SERVICE	Pacific Bell
1986	WELLS SEWER & DRAIN SERVICE	Pacific Bell
1942	Bridge Ray E jr driver	Los Angeles Directory Co.
	Bridge Ray E Elvira driver	Los Angeles Directory Co.
1933	Albertson Harry S v pres Robt Thompson Co	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Frank Arch E	Los Angeles Directory Co.
	Frank Geo W Esther lab	Los Angeles Directory Co.
1929	Sage Arth Irene sail mkr h	Los Angeles Directory Co.
1924	Hoppe Walter A transmission eng F C Millard Co h	Los Angeles Directory Co.

### 1312 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	KIRK Saml W Mary carp	Los Angeles Directory Co.
	Kirk Ethel A clk	Los Angeles Directory Co.
1929	WELDON Jos T Mary mgr Sultanic Rug Cleaning Co h	Los Angeles Directory Co.
1924	MORSE Walter S plumber h	Los Angeles Directory Co.

### 1316 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	UNIVERSAL Manufacturing Co Louis Albersmeyer Geo Michel radio cabts	Los Angeles Directory Co.
1924	COCHRANE F W Mfg Co A A Kohlmliller mach shop and cabt mkr	Los Angeles Directory Co.

### 1328 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	AMERICAN LAB & SYSTEMS	Cole Information Services
2009	MJW INC	Cole Information Services
	AMERICAN LAB & SYSTEMS	Cole Information Services
2006	AMER LAB& SYSTEMS	Haines Company, Inc Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	AMERICAN LAB & SYSTEMS	Cole Information Services
1999	AMERICAN LABORATORY & SYSTEMS	Cole Information Services
1994	AMERICAN LAB & SYSTEMS	Cole Information Services
1990	AMERICAN LAB & SYSTEMS	Pacific Bell
1986	AMERICAN LAB & SYSTEMS	Pacific Bell
1976	Wesrod Washington ington er Service	Pacific Telephone
1971	HYGIN SANITARY SUPPLY CO	Pacific Telephone
1958	Adesco Inc	Pacific Telephone
	Adesco Inc	Pacific Telephone
1942	Paramount Venetian Blind Co J K Doane J b Ferguson	Los Angeles Directory Co.
1937	DODGE Roy J Pansy E cbtmkr	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	DODGE R J Ltd R J Dodge pres P S Trautman v pres Mulrooney sec treas cabtmkrs	Los Angeles Directory Co.
1929	DODGE Roy J Pansy cabtmkr	Los Angeles Directory Co.

### 1332 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	SEVERANCE TOOL INC	Pacific Telephone
	SEVERANCE TOOL INC	Pacific Telephone
1958	Severance Tool Inc	Pacific Telephone
1956	SEVERANCE TOOL INC	Pacific Telephone

### 1334 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Fennell Roy C	Los Angeles Directory Co.

### 1336 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	SOUTHERN CALIF PINE FURNITURE DESIGNERS	Pacific Telephone
1964	AVALON STAPLE MFG CO	Pacific Telephone
1960	AVALON STAPLE MFG CO	Pacific Telephone
1958	Avalon Staple Mfg Co	Pacific Telephone

### 1342 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Wamco Inc	Pacific Telephone
1942	LAMB Wm trailer mfr	Los Angeles Directory Co.
1937	MARTIN Lee H table mfr	Los Angeles Directory Co.

### 1344 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SOUTHWEST PLATING COMPANY	Cole Information Services
2009	SOUTHWEST PLATING CO	Cole Information Services
2006	PLAI ING	Haines Company, Inc
	SOUTHWEST	Haines Company, Inc
2004	SOUTHWEST PLATING CO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	SOUTHWEST PLATING COMPANY	Cole Information Services
1994	SOUTHWEST PLATING CO	Cole Information Services
1990	SOUTHWEST PLATING CO	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SOUTHWEST PLATING CO	Pacific Bell
1981	SOUTHWEST PLATING CO	Pacific Telephone
1976	SOUTHWEST PLATING CO	Pacific Telephone
1971	SOUTHWEST PLATING CO	Pacific Telephone
1958	Plant	Pacific Telephone
	Southwest Plating Co	Pacific Telephone
	Southwest Plating Co	Pacific Telephone
	Laboratory	Pacific Telephone
	Brigantino Labs	Pacific Telephone
1937	DE LUXE PLATING & MFG CO D M Bedwell Automobile Plating Chromium Cadmium Bronze Brass Gold Silver Nickel Etc Barrel plating and Ball Burnishing	Los Angeles Directory Co.
1933	Thueiller Adolphe Augusta mech eng	Los Angeles Directory Co.
1924	LOW Walter L auto repr	Los Angeles Directory Co.

### 1346 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	EDMONDS Chas auto repr	Los Angeles Directory Co.

### 1348 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Tubin Robt B Mildred wiping materials	Los Angeles Directory Co.
1937	BETTER Wiping Material Co R B and A M Tubin	Los Angeles Directory Co.
1933	Puritan Soft Water Laundry E P Le Moine Petrus Anderson	Los Angeles Directory Co.

### 1356 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	NEWMAN Harry B meats	Los Angeles Directory Co.
	Kinnear Archie E fruits & veg	Los Angeles Directory Co.
	Towsley Henry L confy & cigars	Los Angeles Directory Co.
	HARRIS Wm gro	Los Angeles Directory Co.
	Peters Ada Mrs rest	Los Angeles Directory Co.

### 1360 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Jackson Service Stn	Pacific Telephone
1958	Goodwins Serv	Pacific Telephone
1942	PALMER Wm R Elsie gas sta	Los Angeles Directory Co.

## FINDINGS

### 1400 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	HOARDS MUFFLER	Cole Information Services
	LEES SHEEP SKIN	Cole Information Services
2009	HOARDS MUFFLER CO	Cole Information Services
	LEES SHEEP SKIN	Cole Information Services
	GEORGE HOARD	Cole Information Services
2006	LEES SHEEP SKIN	Haines Company, Inc
	HOARDS MUFFLER	Haines Company, Inc
2004	LEES CNC CORP	Cole Information Services
	CALVARY CHAPEL OF CARSON VLY	Cole Information Services
	GEORGE HOARD	Cole Information Services
1999	GEORGE HOARD	Cole Information Services
	LEE SHEEP SKIN	Cole Information Services
	HOARDS MUFFLER COMPANY	Cole Information Services
1994	HOARDS MUFFLER CO	Cole Information Services
1990	HOARD S MUFFLER CO	Pacific Bell
1986	HOARDS MUFFLER CO	Pacific Bell
1981	HOARD S MUFFLER CO	Pacific Telephone
1976	Hoards Muffler Co	Pacific Telephone
1971	Hoards Muffler Co	Pacific Telephone
	HOARDS MUFFLER CO	Pacific Telephone
1958	Ely & Rodgers Garage	Pacific Telephone
	Young Serv Stn Walter R	Pacific Telephone
1942	YOUNG & Doerner W R Young Robt Doerner gas sta	Los Angeles Directory Co.
1933	Mattson Chas Dessie gas sta	Los Angeles Directory Co.
1929	Deschaine Roy J restr	Los Angeles Directory Co.
	FOSTER Elwood gas sta	Los Angeles Directory Co.
1924	Hicklin Roy auto serv sta	Los Angeles Directory Co.

### 1406 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	California Studios Inc	Pacific Telephone
	Imperial Sheet Metal Inc	Pacific Telephone
1962	Thompson J T Hill Sprinkler Co	Pacific Telephone
1958	Thompson J T Hill Sprinkler Co	Pacific Telephone
	Hill Sprinkler Co	Pacific Telephone
1942	HILL Sprinkler Co Jos Kreiziger J T Thompson	Los Angeles Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	HILL Sprinkler Co J T Thompson Jos Kreiziger	Los Angeles Directory Co.
1933	HILL Sprinkler Co J Thompson Jos Kreiziger lawn sprinkler mfrs	Los Angeles Directory Co.
1929	HILL SPRINKLER COMPANY Joseph Kreizige J T Thompson Manufacturers Lawn Garden Park Farm and Golf Course Sprinklers	Los Angeles Directory Co.
1924	ANDERSON Geo A pres Hill Mfg Co h	Los Angeles Directory Co.
	ANDERSON Margt Mrs office mgr Hill Mfg Co r	Los Angeles Directory Co.
	HILL Manufacturing Co G A Andrews pres Mrs Josephines Hill sec Luther Hill treas lock mfra	Los Angeles Directory Co.

### 1410 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ABIDING LOVE CHRISTIAN FELLOWSHIP	Cole Information Services
2009	ABIDING LOVE CHRISTIAN FELLOWSHIP CH	Cole Information Services
2006	CHRSTN	Haines Company, Inc
	ABIDING LOVE	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	ABIDING LOVE CHRISTIAN FLWSHP	Cole Information Services
1999	ABIDING LOVE CHRISTIAN FELLOWSHIP	Cole Information Services
1994	ABIDING LOVE CHRISTIAN FLLWSHP	Cole Information Services
1990	HARPER CLARENCE REV	Pacific Bell
	GOD INSPIRED BAPTIST CHURCH	Pacific Bell
1986	GOD INSPIRED BAPTIST CHURCH	Pacific Bell
	HARPER CLARENCE REV	Pacific Bell
1981	HARPER CLARENCE REV	Pacific Telephone
	GOD INSPIRED BAPTIST CHURCH	Pacific Telephone
1976	Harper Clarence Rev	Pacific Telephone
	God Inspired Baptist Church	Pacific Telephone
1958	STRONGCRAFT PRODUCTS INC wire prods	Pacific Telephone
1937	Constant Jack novelty mfr	Los Angeles Directory Co.
1929	GENERAL Mfg & Specialty Co F F Gunn pres Jos Luthy Preston Idaho v pres L H Van Dyke Ogden Utah sec J W Whitmore mgr lock mfrs	Los Angeles Directory Co.

## FINDINGS

### 1412 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	LEMUS DESIGN	Cole Information Services
2009	LEMUS DESIGN	Cole Information Services
2004	IMOGENE NELSON	Cole Information Services
1999	CMB AUTO REPAIR	Cole Information Services
1942	STEVENS Jesse cbtmkr	Los Angeles Directory Co.
1937	STEVENS Jess S cbtmkr	Los Angeles Directory Co.
1933	Lipes Thos grape juice mfr	Los Angeles Directory Co.
1929	CALIFORNIA Liquid Bleach Co J J Kittess mgr Indy supplies	Los Angeles Directory Co.

### 1414 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Engelson Harry	Pacific Telephone

### 1416 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	J & A HARDWOOD FLOORING	Cole Information Services
2004	PJS WAREHOUSE	Cole Information Services
	REGINALD RIVERA	Cole Information Services
1994	TOYS & THINGS WHOLESALE	Cole Information Services
	THINGS WROUGHT IRON	Cole Information Services
1990	THINGS WROUGHT IRON	Pacific Bell

### 1418 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	L MAIS	Cole Information Services
1990	MAIS HOWARD	Pacific Bell
1986	MAIS HOWARD	Pacific Bell
1965	STRSNGCRAFT PRODUCTS INC WIRE PRODS	Pacific Telephone
1964	STRONGCRAFT PRODUCTS INC WIRE PRODS	Pacific Telephone
1962	STRONGCRAFT PRODUCTS INC WIRE PRODS	Pacific Telephone
	STRONGCRAFT PRODUCTS INC WIRE PRODS	Pacific Telephone
1960	STRONGCRAFT PRODUCTS INC WIRE PRODS LONG BEACH	Pacific Telephone
1942	May WAY BELL ART STONE CO B F Godward Incinerators Porches Chimneys Art Stone and Mantels	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	MAY BELL ART STONE CO B F Godvard Incinerators Porches Chimneys Art Stone and Marbels	Los Angeles Directory Co.
1933	Lindemann Frank Mabel M mantels	Los Angeles Directory Co.
1929	Lindemann N & Thomure Frank Lindemann Geo A Thomure props May Bell Art Stone Co	Los Angeles Directory Co.
	MAY BELL ART STONE CO Lindemann & Thomure Props Porches Chimneys Art Stone and Tile Mantels	Los Angeles Directory Co.
1924	Duschen John J artificial stone mfr	Los Angeles Directory Co.

### 1420 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	CH REPAIRS POWERS TOOLS	Cole Information Services
2004	SALVADOR CRUZ	Cole Information Services
1999	WOODWORKS & WROUGHT IRON SHOP	Cole Information Services
1990	MITTLEMAN FRED	Pacific Bell
1986	MITTLEMAN FRED	Pacific Bell
1981	C & H BUFFING & POLISHING	Pacific Telephone
1976	Adam Castille Metal Polishing Co	Pacific Telephone
1942	ALLIED Electric Co C F and J B Nolder R B Jones	Los Angeles Directory Co.
1929	WEBER Fred J incinerator mfr	Los Angeles Directory Co.

### 1422 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	BOGART Wm H mach	Los Angeles Directory Co.
1937	BURNS Mattress Co Mrs Belle Burns E J Peterson	Los Angeles Directory Co.
1929	SWANSON ANTON W Rose M Cabinet and Repair Shop Saws Filed and Tools Sharpened	Los Angeles Directory Co.

### 1424 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CONNER Willis	Haines Company, Inc
	REVIVAL CENTER	Haines Company, Inc
2004	REVIVAL CTR CORP	Cole Information Services
1986	SYSTEM IRON WORKS	Pacific Bell
1981	SYSTEM IRON WORKS	Pacific Telephone
	SYSTEM IRON WORKS	Pacific Telephone
1976	System Iron Works	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Dodgson Harry saw repr	Los Angeles Directory Co.
1937	BURNS Belle Mrs Burns Mattress Co	Los Angeles Directory Co.
	PETERSON Emmett J Burns Mattress Co	Los Angeles Directory Co.
1929	Roost Fredk T piano tuner h	Los Angeles Directory Co.
1924	BEAR Glen D auto mech h	Los Angeles Directory Co.

### 1430 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
1958	Li Mel Engineering	Pacific Telephone

### 1434 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	MOCAL PLUMBING HEATING & HOME IMPROV	Cole Information Services
2006	MOCAL PLBG HTG	Haines Company, Inc
	HMINPROVMENT	Haines Company, Inc
2004	DANIEL DAVIS	Cole Information Services
1999	SLAUSON AVE ANIMAL HOSPITAL	Cole Information Services
	DAVIS DANL D JR DVM	Cole Information Services
1994	SLAUSON AVE ANIMAL HOSPITAL	Cole Information Services
1990	SLAUSON AVE ANIMAL HOSPITAL	Pacific Bell
	DAVIS DANL D JR DVM	Pacific Bell
1986	SLAUSON AVE ANIMAL HOSPITAL	Pacific Bell
	DAVIS DANL D JR DVM	Pacific Bell
1981	SLAUSON AVE ANIMAL HOSPITAL	Pacific Telephone
	DAVIS DANL D JR DVM	Pacific Telephone
1976	Davis Danl D Jr DVM	Pacific Telephone
	Slauson Ave Animal Hospital	Pacific Telephone
1971	Slauson Ave Animal Hospital	Pacific Telephone
	Davis Danl D Jr DVM	Pacific Telephone
1962	Wolcott Dog & Cat Hospital	Pacific Telephone
1958	Wolcott Dog & Cat Hospital	Pacific Telephone
	Huntley Wm H Wolcott Dog & Cat Hospital	Pacific Telephone
1942	DAVIDSON Leonard L asst L B Wolcott	Los Angeles Directory Co.

### 1436 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	De Witte Maud Mrs waiter r	Los Angeles Directory Co.

## FINDINGS

### 1438 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Ahlers Plumbing	Pacific Telephone
1929	KELSEY PLUMBING SUPPLY CO G F Kelsey Plumbing Supplies Automatic Water Heater Enamelware and Rough Material of All Kinds	Los Angeles Directory Co.

### 1440 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	WAHLSTROM MFG CO	Pacific Telephone
1942	Kelsey Guy F Emily A plmbr	Los Angeles Directory Co.
1937	Kelesy Guy F Emily plmbg supp	Los Angeles Directory Co.
1933	KELSEY Guy F Emily whol plmbg supp	Los Angeles Directory Co.

### 1446 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o CRUZ Juan	Haines Company, Inc
2004	OCCUPANT UNKNOWN	Cole Information Services
	ARTISTIC WELDING WORKSHOP	Cole Information Services
1994	ALL POINT WELDING	Cole Information Services
1990	ALL POINT WELDING & FABRICATION	Pacific Bell
	ALL POINT WELDING & FABRICATION	Pacific Bell
1986	ALL POINT WELDING & FABRICATION	Pacific Bell
	ALL POINT WELDING & FABRICATION	Pacific Bell
1981	ALL POINT WELDING & FABRICATION	Pacific Telephone
	ALL POINT WELDING & FABRICATION	Pacific Telephone
1976	All Point Welding & Fabrication	Pacific Telephone
	All Point Welding & Fabrication	Pacific Telephone
1971	All Point Welding & Fabrication	Pacific Telephone
1958	Neptuna Fishing Tackle	Pacific Telephone
	Nep Tuna Fishing Tackle	Pacific Telephone
1937	SWANSON Anton W Rose M cbtnkr	Los Angeles Directory Co.
1933	SWANSON ANTON W Rose M Cabinet and Repair Shop Saws Filed and Tool Sharpened	Los Angeles Directory Co.
1929	First Aid Equipment & Supply Co F L Foster pres F S Penney v pres trees R H Stelzner sec	Los Angeles Directory Co.

### 1448 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Masters Harry W Etta B incinerators	Los Angeles Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Masters Harvey W Etta V incinerators	Los Angeles Directory Co.
1929	WEBER INCINERATOR CO M I Mellon Makers of De Luxe Incinerators	Los Angeles Directory Co.

### 1452 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	OCCUPANT UNKNOWN	Cole Information Services
1994	REYES, JOSE	Cole Information Services
1958	Rodoco Pet Shop & Kennels	Pacific Telephone
1942	Keithly Geo R Lee restr	Los Angeles Directory Co.
1937	HARRIS Harvey H Eves L slsmn HARRIS Eves L Mrs baker	Los Angeles Directory Co. Los Angeles Directory Co.
1933	HARRIS Eva Mrs restr CLINE Margt Mrs waiter	Los Angeles Directory Co. Los Angeles Directory Co.
1929	Hungerford John C Grace restr BEAR Jasmine waiter	Los Angeles Directory Co. Los Angeles Directory Co.

### 1454 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Moore Ronald R	Pacific Telephone
1942	KIRSTEN Paul E Mary restr	Los Angeles Directory Co.

### 1458 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BUXTON PLASTICS INC	Cole Information Services
2009	BUXTON PLASTICS INC	Cole Information Services
2006	BUXTON PLASTICS	Haines Company, Inc
2004	BONNIE DEUKMEJIAN	Cole Information Services
1999	BUXTON PLASTICS INCORPORATED	Cole Information Services
1994	BUXTON PLASTICS INC	Cole Information Services
1990	BUXTON PLASTICS INC	Pacific Bell
1986	BUXTON PLASTICS INC	Pacific Bell
1981	BUXTON PLASTICS INC	Pacific Telephone
1976	Buxton Plastics	Pacific Telephone
1971	Buxton Plastics	Pacific Telephone
1958	Delco Grinding Co	Pacific Telephone
1942	Rehnberg Carl F pres Nutrilite Products Nutrilite Products Inn C F Rehnberg pres Mrs L H Calcote sec treas	Los Angeles Directory Co. Los Angeles Directory Co.

## FINDINGS

### 1484 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	WOLCOTT Le Roy B Wauneta vet	Los Angeles Directory Co.

### 1486 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	De Witt Fred L bldg contr	Los Angeles Directory Co.

### 1500 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PEOPLE WHO CARE YOUTH CENTER	Cole Information Services
2004	PEOPLE WHO CARE YOUTH CTR	Cole Information Services
	CONSTANCE WATSON	Cole Information Services
1999	PEOPLE WHO CARE YOUTH CENTER	Cole Information Services
1976	Sears Elbert J	Pacific Telephone
1971	Air Speed Tool Co pnumatc tool mfg	Pacific Telephone
1958	Audio Ad Scale Co	Pacific Telephone
1942	Mc DOUGALL & Fingerson Herbt Mc Dougall E V Fingerson auto reprs	Los Angeles Directory Co.
	SIEGRIST Fred P Blanche E gas sta	Los Angeles Directory Co.
1937	Siegrist Fred F Blanch E gas sta	Los Angeles Directory Co.
1933	Siegrist Fred F Blanche gas sta	Los Angeles Directory Co.
1929	Sheaffer John A Euba gas sta	Los Angeles Directory Co.

### 1502 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Central Upholstery Supply	Pacific Telephone
1958	Air Speed Tool Co	Pacific Telephone
	Morsch Mach Works	Pacific Telephone

## FINDINGS

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1100 58TH ST W	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 59TH ST W	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 W 57TH	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 W 57TH ST	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 W 57TH ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 W 58TH	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 W 58TH PL	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 W 58TH ST	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920





























































































































































































































































































































































































































































































































































































































































































































































































































































































## FINDINGS

### **Address Researched**

1315 W 59TH PL

1315 W 59TH PL

### **Address Not Identified in Research Source**

2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

**TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE**

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

**Address Researched**

5820 Normandie Ave

**Address Not Identified in Research Source**

2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920



5820 Normandie Ave  
5820 Normandie Ave  
Los Angeles, CA 90044

Inquiry Number: 6404287.3

March 16, 2021

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

03/16/21

**Site Name:**

5820 Normandie Ave  
5820 Normandie Ave  
Los Angeles, CA 90044  
EDR Inquiry # 6404287.3

**Client Name:**

Ninyo & Moore  
475 Goddard  
Irvine, CA 92618  
Contact: Patrick Cullip



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**Certification #** E527-4DD4-AC3D  
**PO #** 209403019  
**Project** Slauson Connect Rec Center

**Maps Provided:**

1970	1954
1969	1951
1968	1950
1966	1923
1960	1922
1959	
1958	
1957	



Sanborn® Library search results

Certification #: E527-4DD4-AC3D

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- Library of Congress
- University Publications of America
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## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1970 Source Sheets



Volume 5, Sheet 599u  
1970

### 1969 Source Sheets



Volume 18, Sheet 1857  
1969

### 1968 Source Sheets



Volume 5, Sheet 599u  
1968

### 1966 Source Sheets



Volume 5, Sheet 599u  
1966

## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1960 Source Sheets



Volume 5, Sheet 599u  
1960

### 1959 Source Sheets



Volume 5, Sheet 599u  
1959

### 1958 Source Sheets



Volume 5, Sheet 599u  
1958

### 1957 Source Sheets



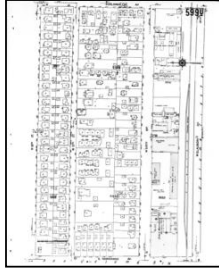
Volume 5, Sheet 599u  
1957

## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1954 Source Sheets

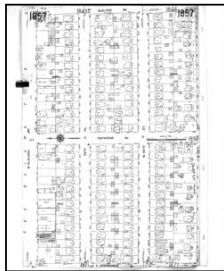


Volume 5, Sheet 599u  
1954



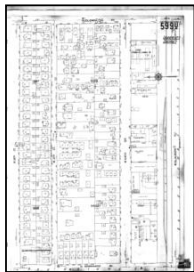
Volume 5, Sheet 599u  
1954

### 1951 Source Sheets



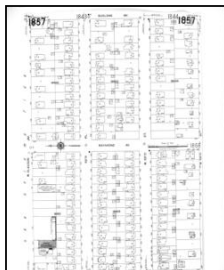
Volume 18, Sheet 1857  
1951

### 1950 Source Sheets



Volume 5, Sheet 599u  
1950

### 1923 Source Sheets



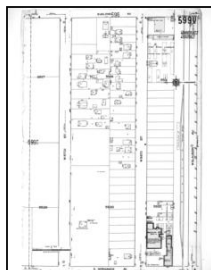
Volume 18, Sheet 1857  
1923

**Sanborn Sheet Key**

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

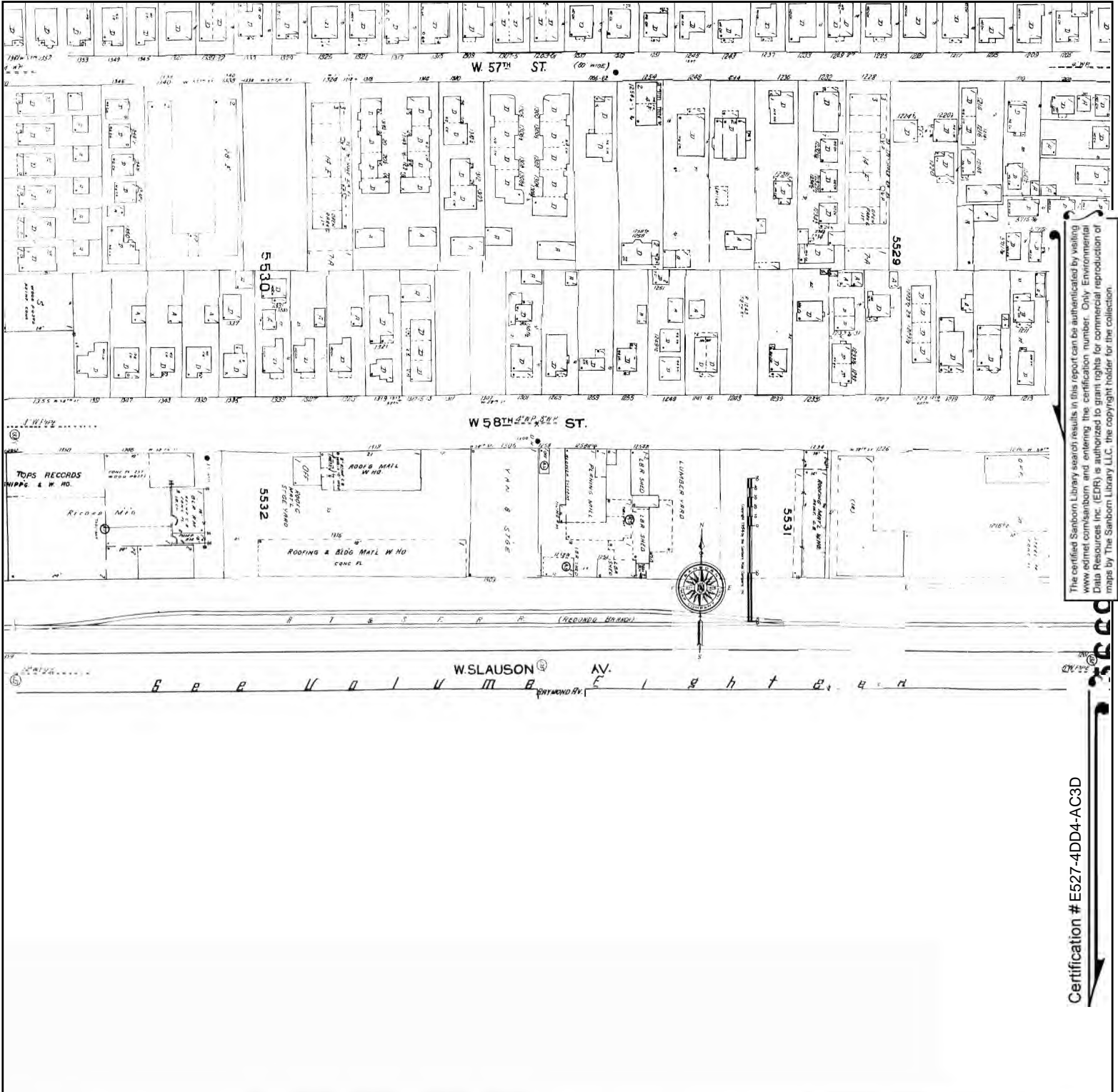


**1922 Source Sheets**



Volume 5, Sheet 599u  
1922





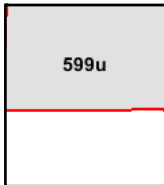
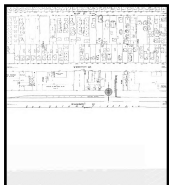
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Certification # E527-4DD4-AC3D

Site Name: 5820 Normandie Ave  
 Address: 5820 Normandie Ave  
 City, ST, ZIP: Los Angeles, CA 90044  
 Client: Ninyo & Moore  
 EDR Inquiry: 6404287.3  
 Order Date: 03/16/2021  
 Certification # E527-4DD4-AC3D  
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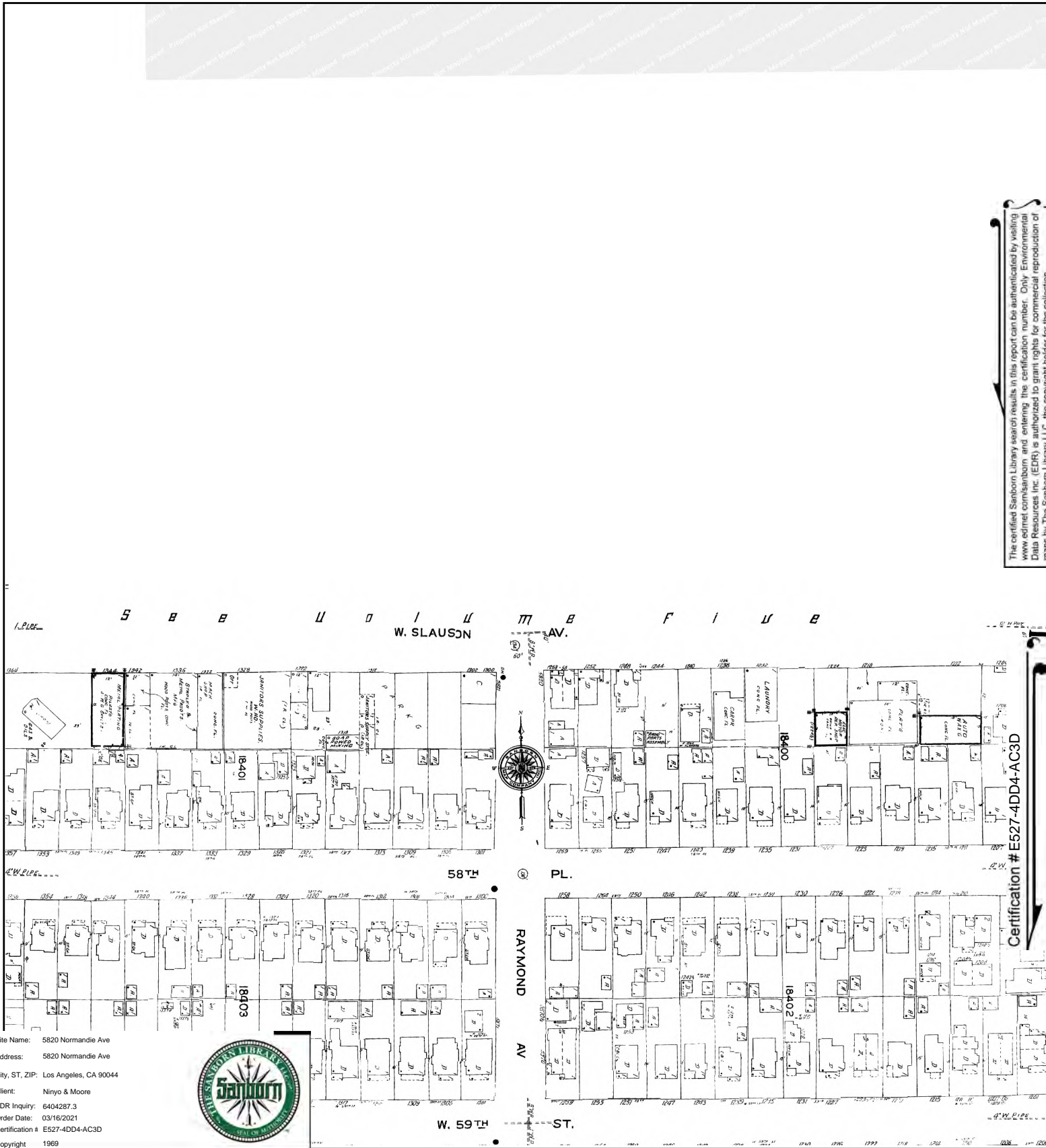


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 5, Sheet 599u

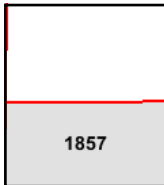




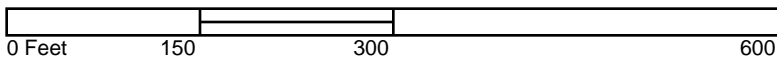
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City, ST, ZIP: Los Angeles, CA 90044  
Client: Ninyo & Moore  
EDR Inquiry: 6404287.3  
Order Date: 03/16/2021  
Certification # E527-4DD4-AC3D  
Copyright 1969



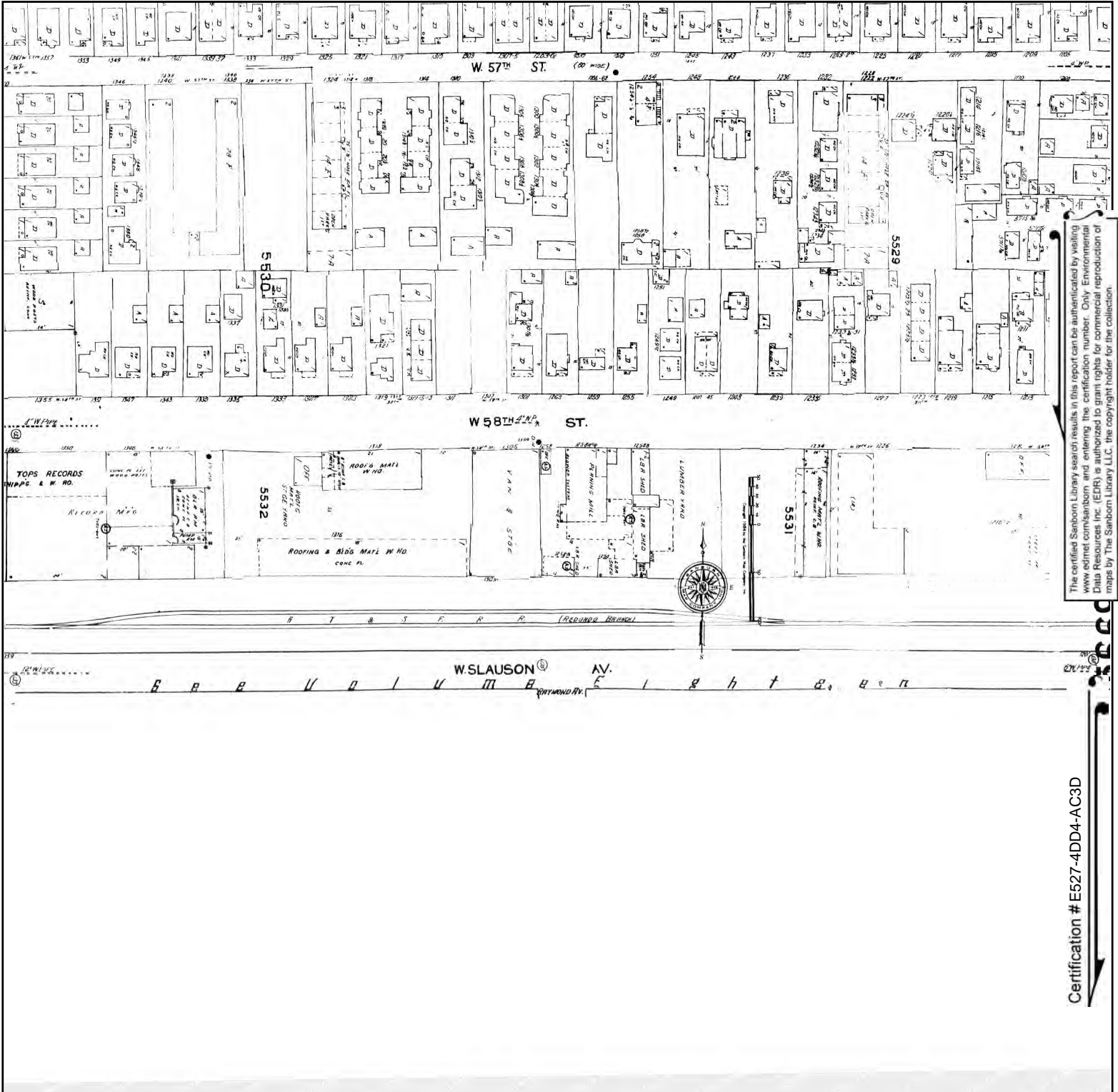
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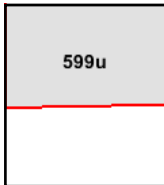
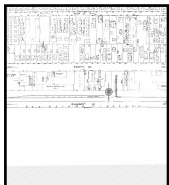
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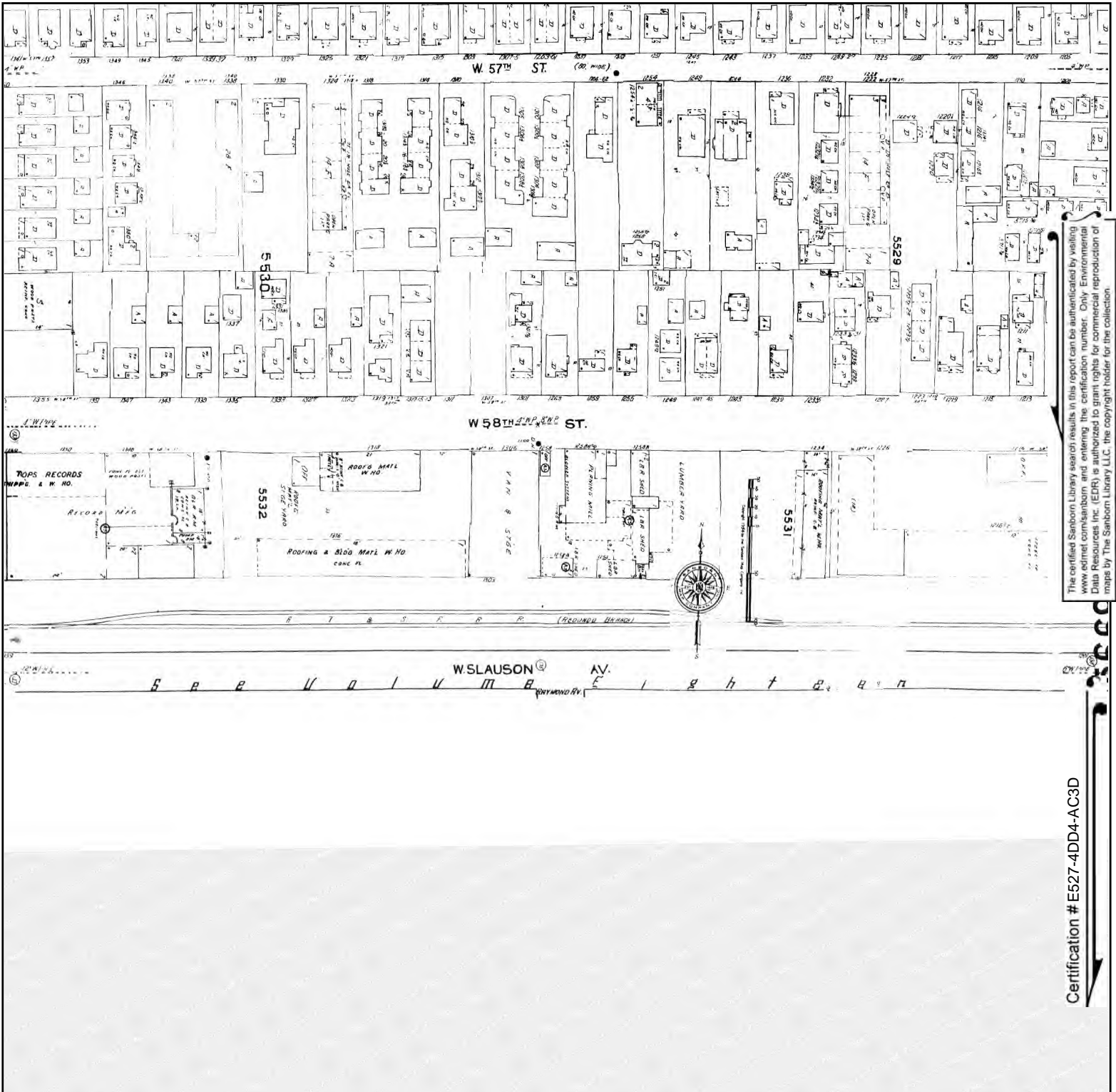


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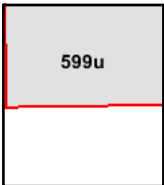
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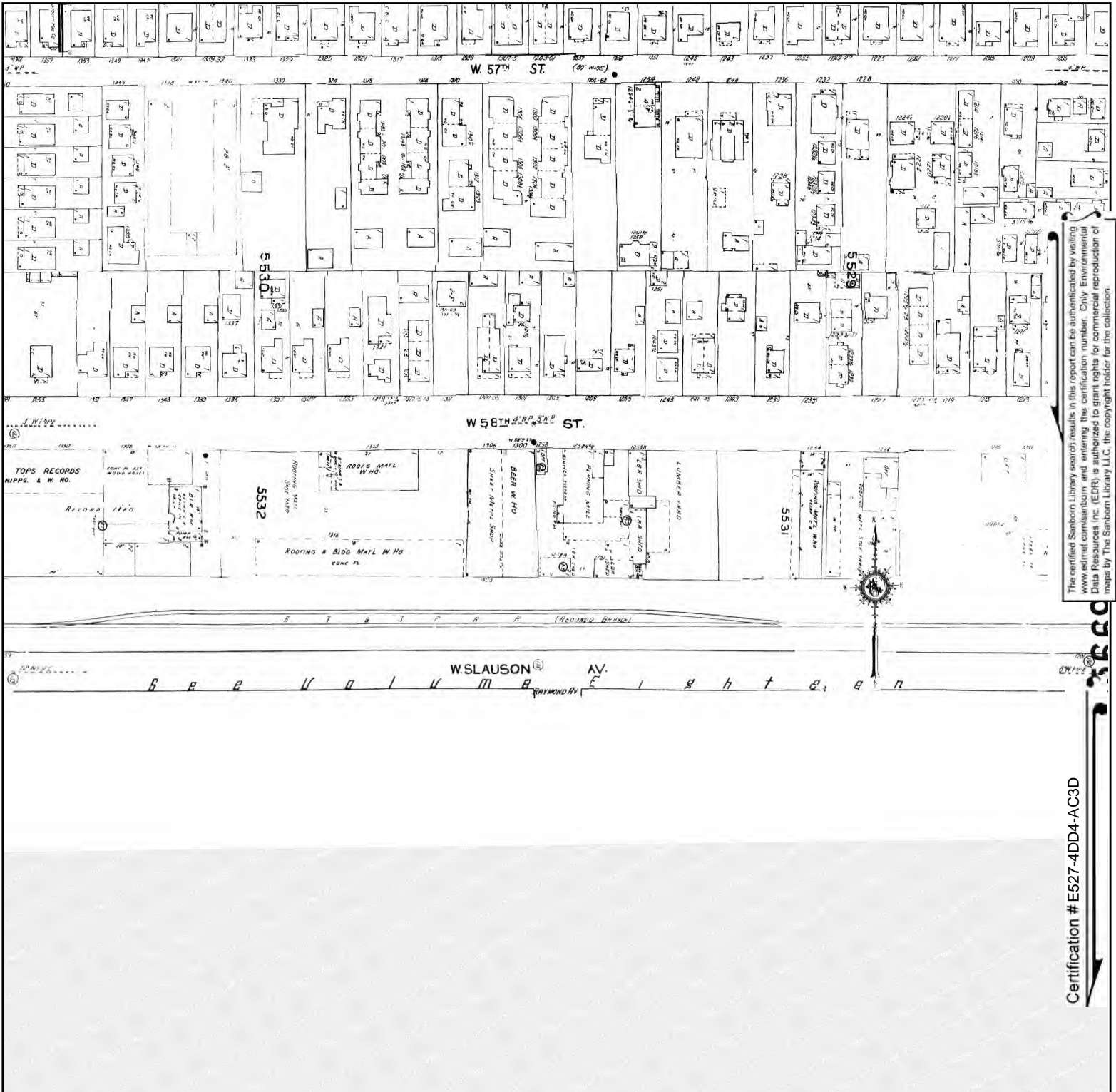
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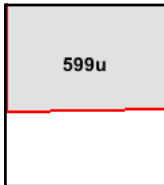
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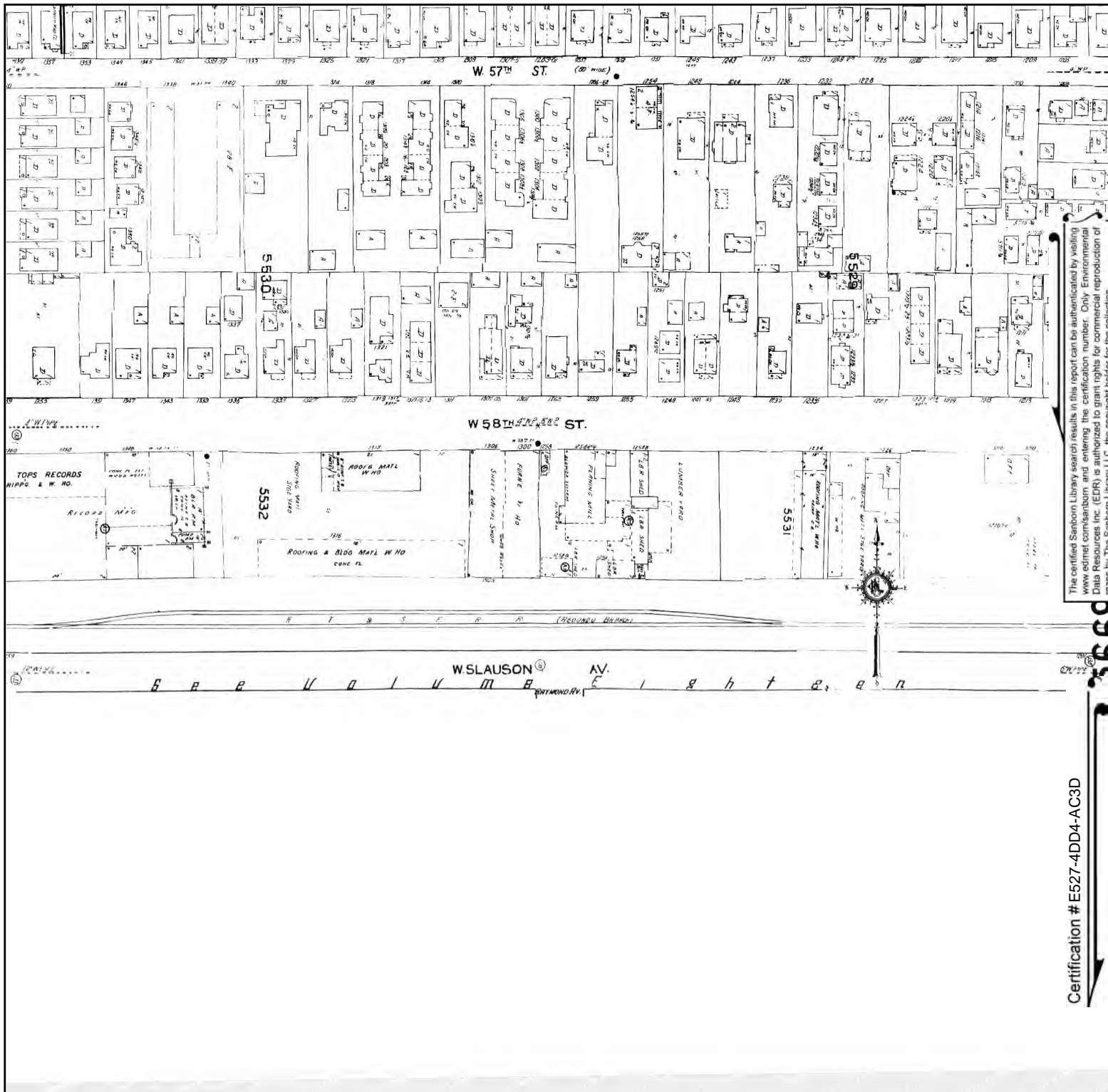
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 Copyright: 1960



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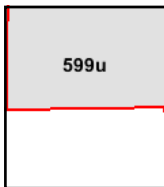
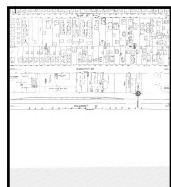
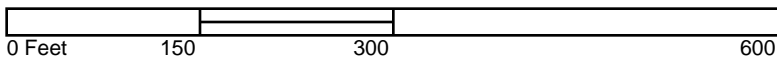
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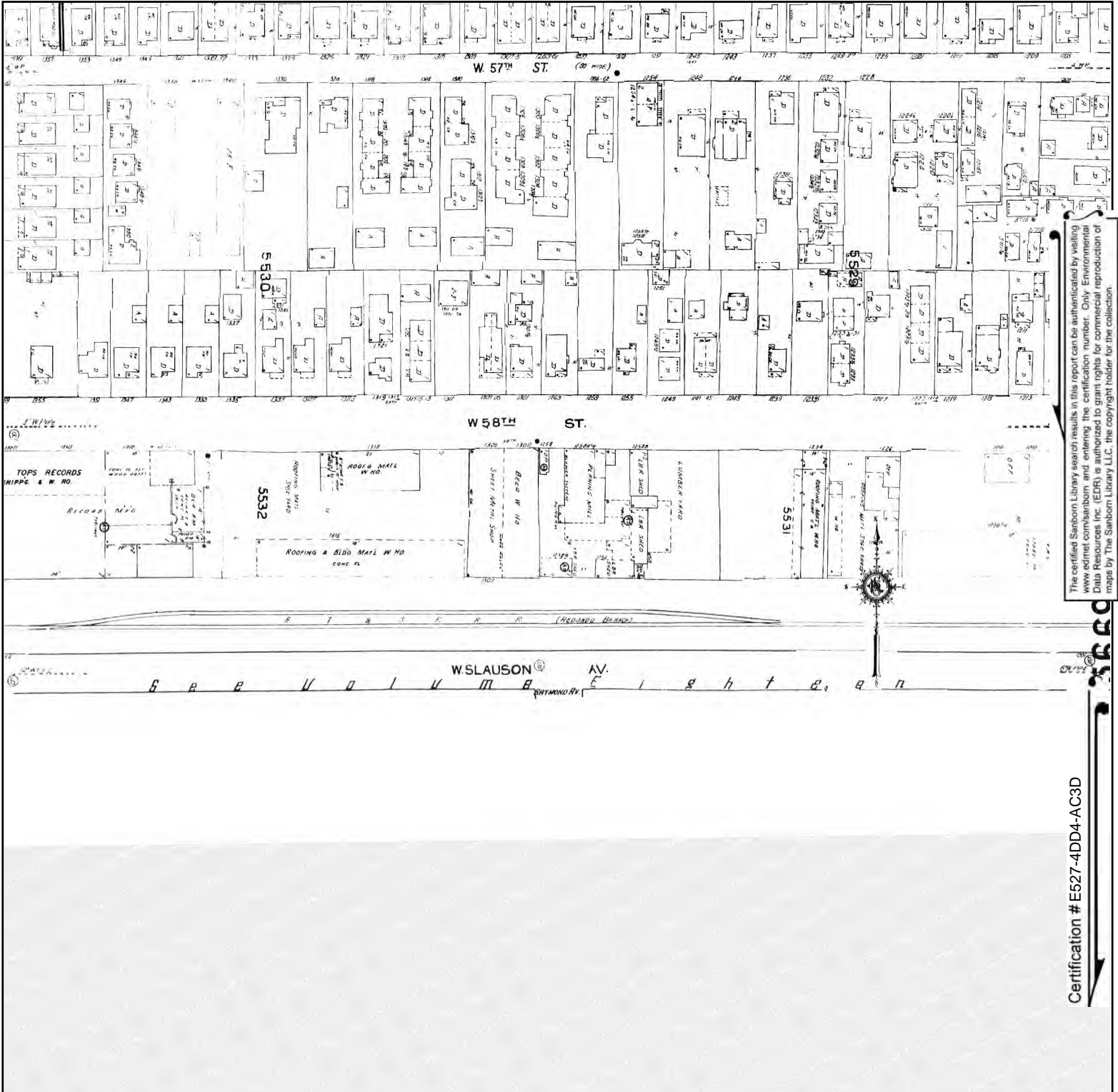
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Volume 5, Sheet 599u







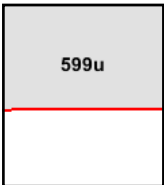
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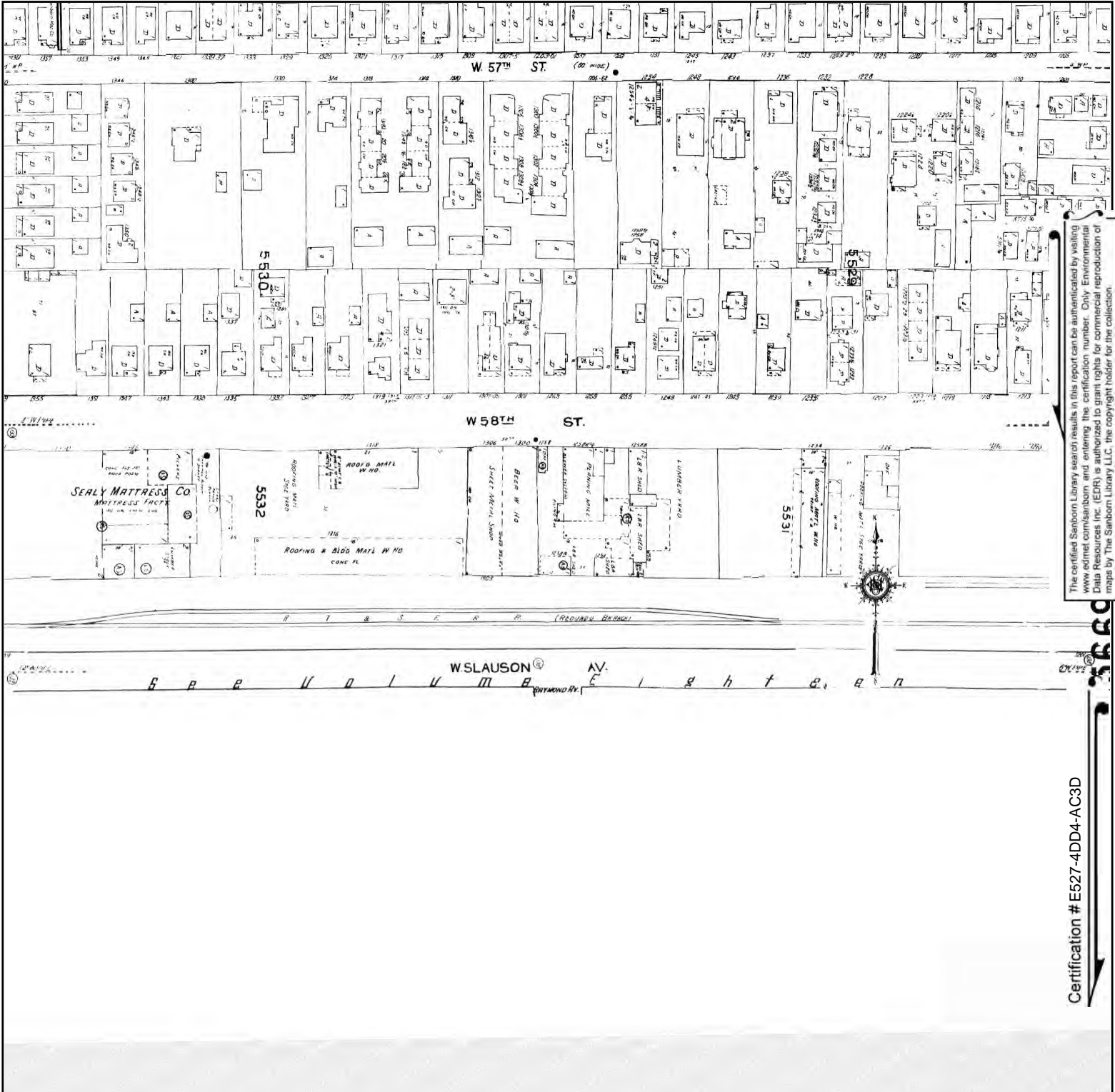


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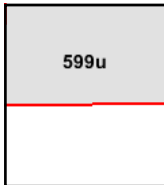
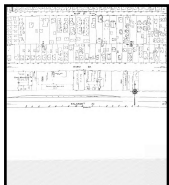
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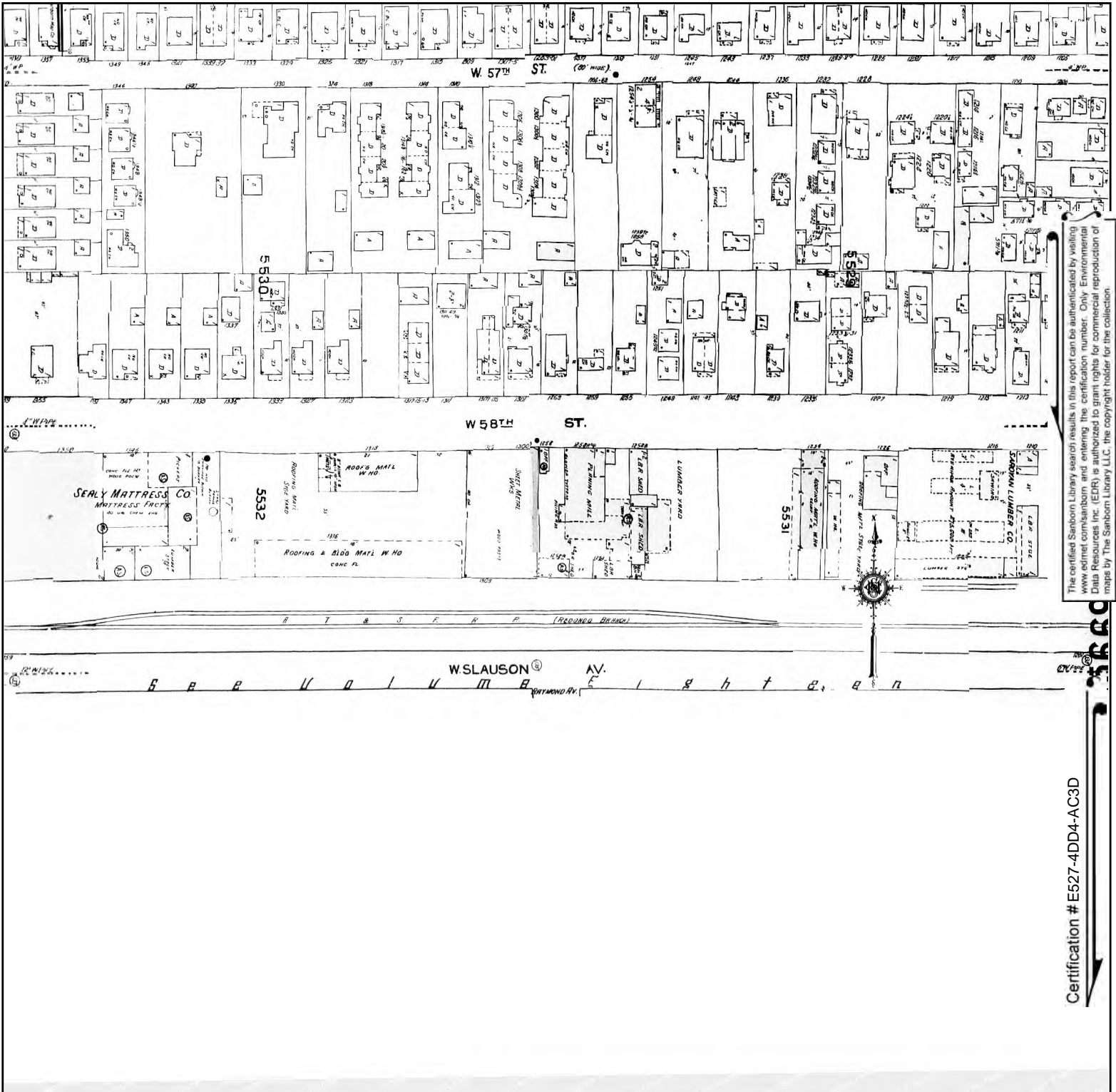
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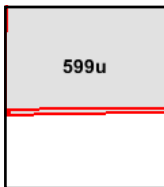
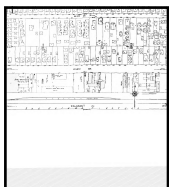
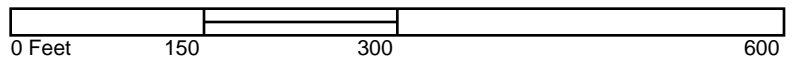
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 Copyright 1954



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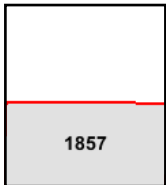
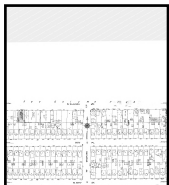
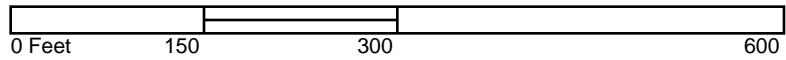
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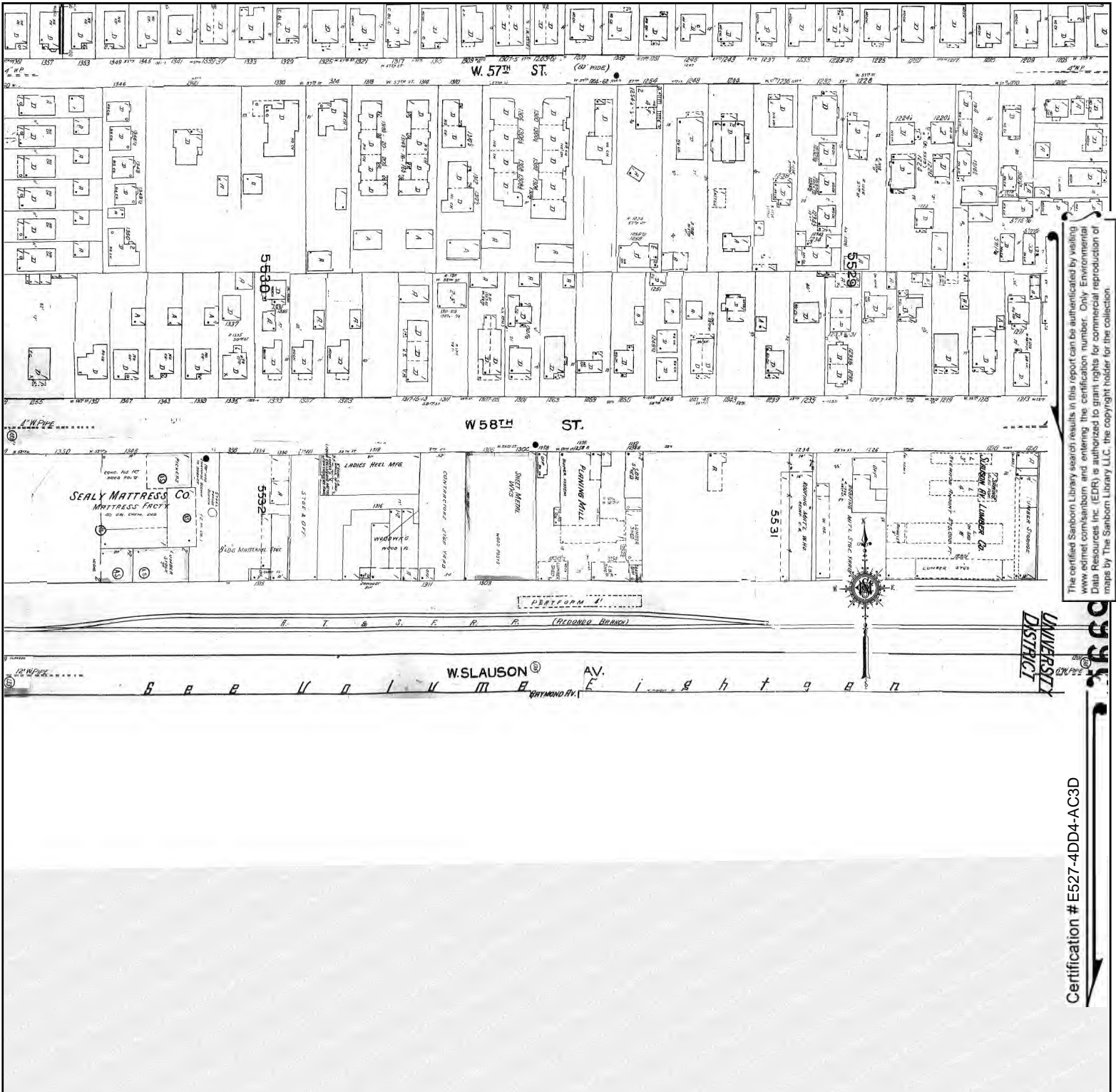
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Volume 18, Sheet 1857







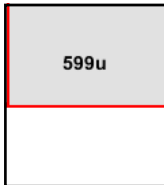
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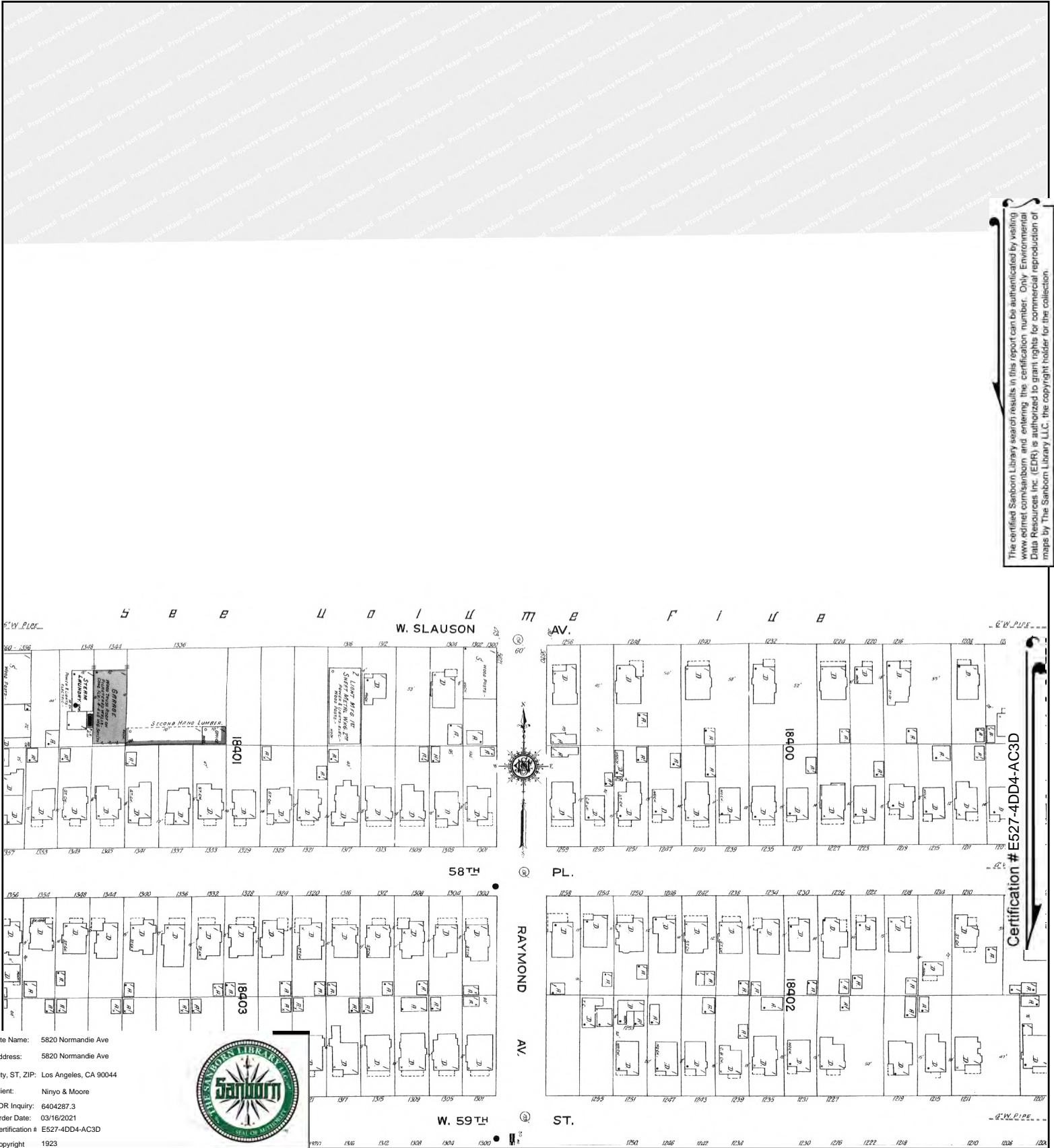


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Volume 5, Sheet 599u





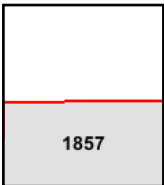
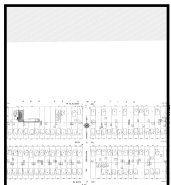
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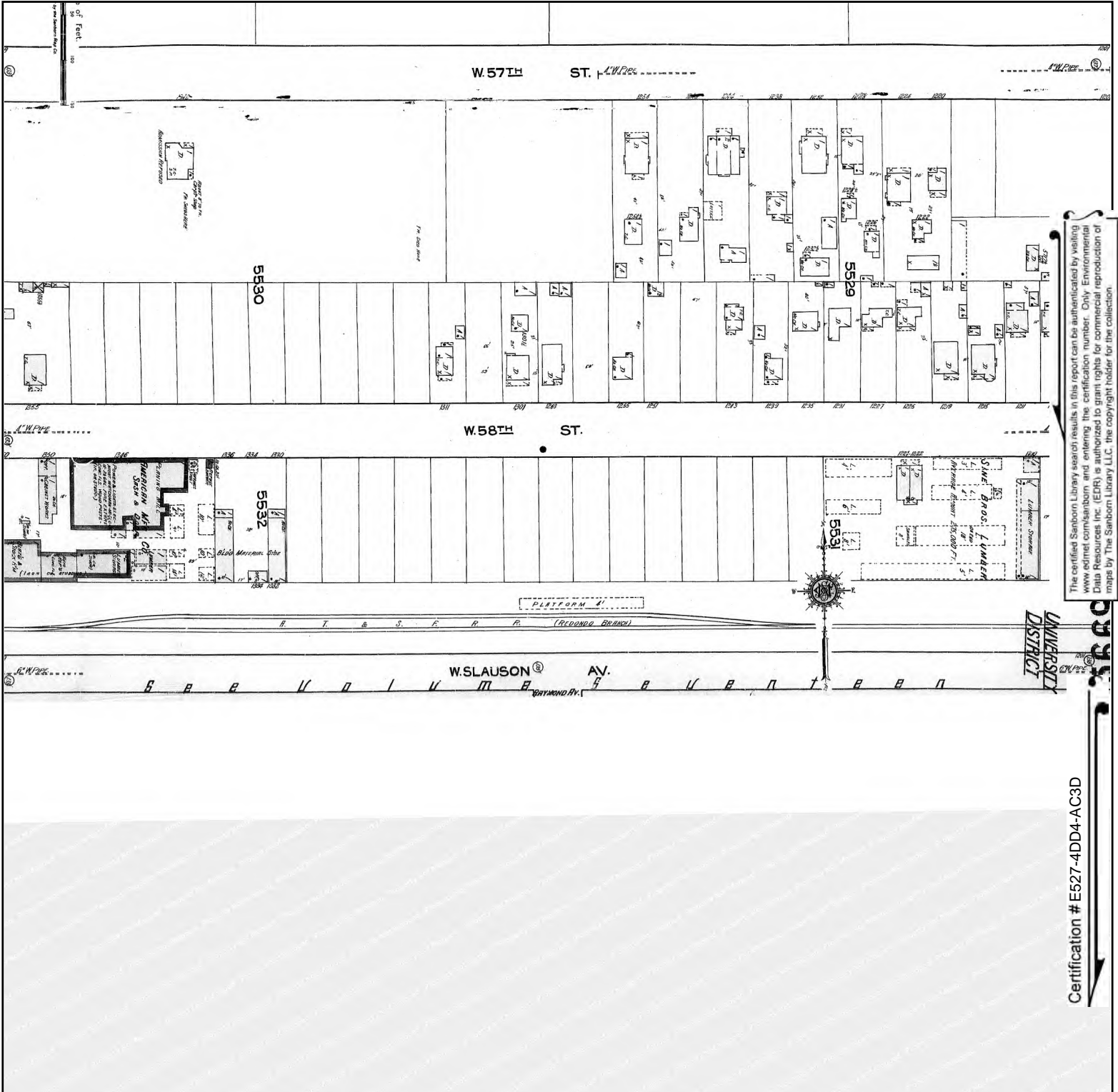


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Volume 18, Sheet 1857





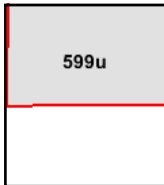
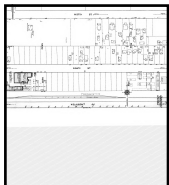
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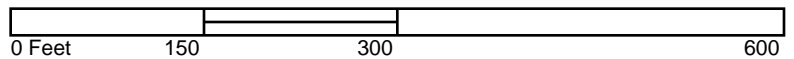
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 Copyright 1922



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5820 Normandie Ave  
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Los Angeles, CA 90044

Inquiry Number: 6404287.3

March 16, 2021

## Certified Sanborn® Map Report



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Shelton, CT 06484  
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# Certified Sanborn® Map Report

03/16/21

**Site Name:**

5820 Normandie Ave  
5820 Normandie Ave  
Los Angeles, CA 90044  
EDR Inquiry # 6404287.3

**Client Name:**

Ninyo & Moore  
475 Goddard  
Irvine, CA 92618  
Contact: Patrick Cullip



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Ninyo & Moore were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

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### Certified Sanborn Results:

**Certification #** E527-4DD4-AC3D  
**PO #** 209403019  
**Project** Slauson Connect Rec Center

**Maps Provided:**

1970	1954
1969	1951
1968	1950
1966	1923
1960	1922
1959	
1958	
1957	



Sanborn® Library search results

Certification #: E527-4DD4-AC3D

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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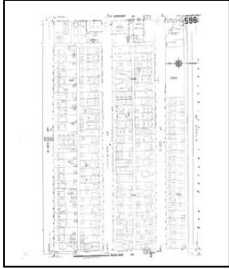
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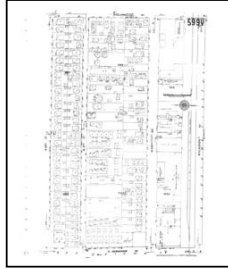
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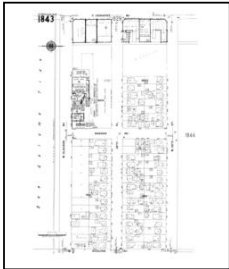


Volume 5, Sheet 596  
1970

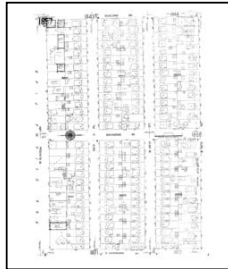


Volume 5, Sheet 599u  
1970

### 1969 Source Sheets



Volume 18, Sheet 1843  
1969

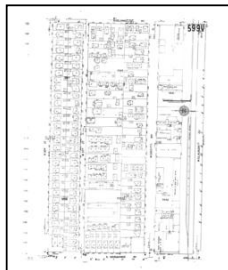


Volume 18, Sheet 1857  
1969

### 1968 Source Sheets



Volume 5, Sheet 596  
1968

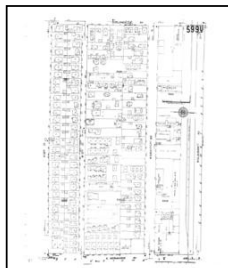


Volume 5, Sheet 599u  
1968

### 1966 Source Sheets



Volume 5, Sheet 596  
1966



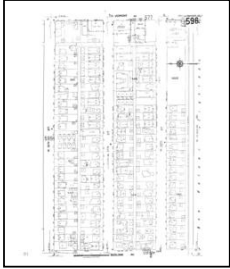
Volume 5, Sheet 599u  
1966

## Sanborn Sheet Key

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### 1960 Source Sheets



Volume 5, Sheet 596  
1960



Volume 5, Sheet 599u  
1960

### 1959 Source Sheets



Volume 5, Sheet 596  
1959



Volume 5, Sheet 599u  
1959

### 1958 Source Sheets



Volume 5, Sheet 596  
1958



Volume 5, Sheet 599u  
1958

### 1957 Source Sheets



Volume 5, Sheet 596  
1957



Volume 5, Sheet 599u  
1957

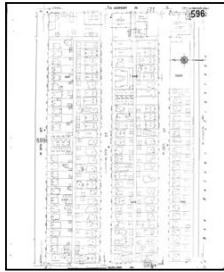


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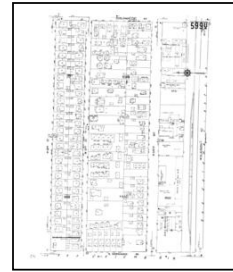
Volume 5, Sheet 596  
1954



Volume 5, Sheet 599u  
1954

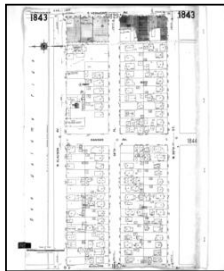


Volume 5, Sheet 596  
1954



Volume 5, Sheet 599u  
1954

### 1951 Source Sheets



Volume 18, Sheet 1843  
1951

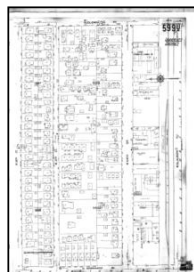


Volume 18, Sheet 1857  
1951

### 1950 Source Sheets

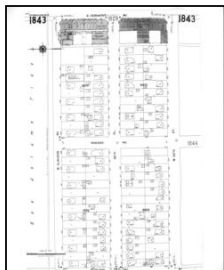


Volume 5, Sheet 596  
1950

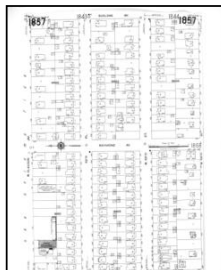


Volume 5, Sheet 599u  
1950

### 1923 Source Sheets



Volume 18, Sheet 1843  
1923



Volume 18, Sheet 1857  
1923

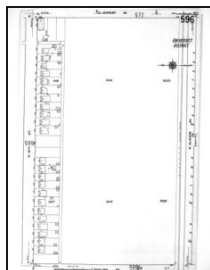


**Sanborn Sheet Key**

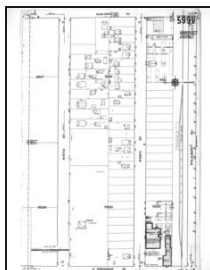
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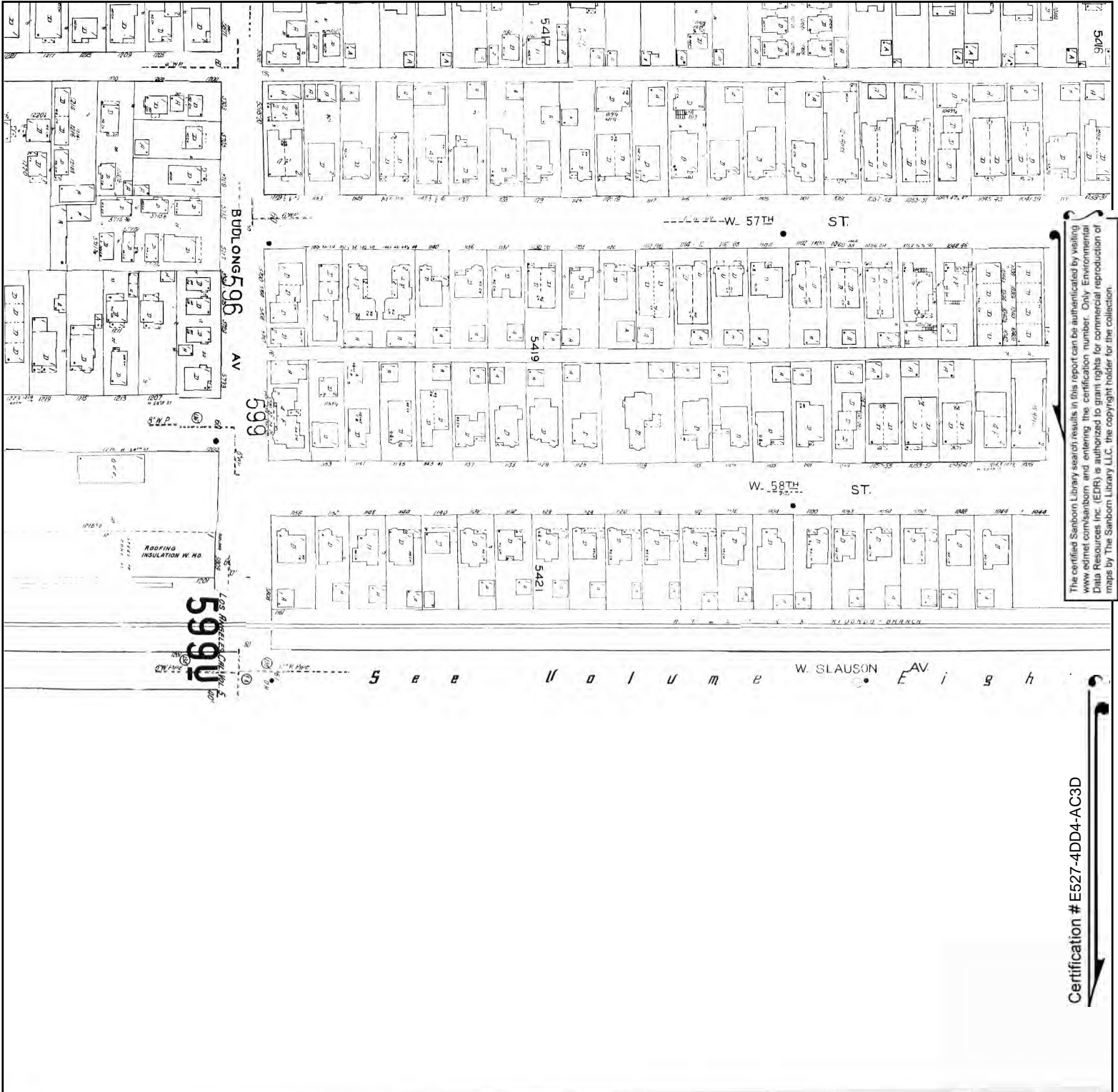
**1922 Source Sheets**



Volume 5, Sheet 596  
1922



Volume 5, Sheet 599u  
1922



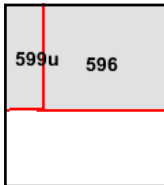
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Certification # E527-4DD4-AC3D

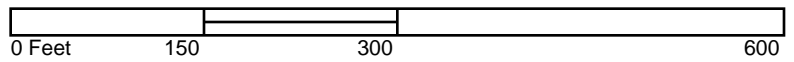
Site Name: 5820 Normandie Ave  
 Address: 5820 Normandie Ave  
 City, ST, ZIP: Los Angeles, CA 90044  
 Client: Ninyo & Moore  
 EDR Inquiry: 6404287.3  
 Order Date: 03/16/2021  
 Certification # E527-4DD4-AC3D  
 Copyright 1970

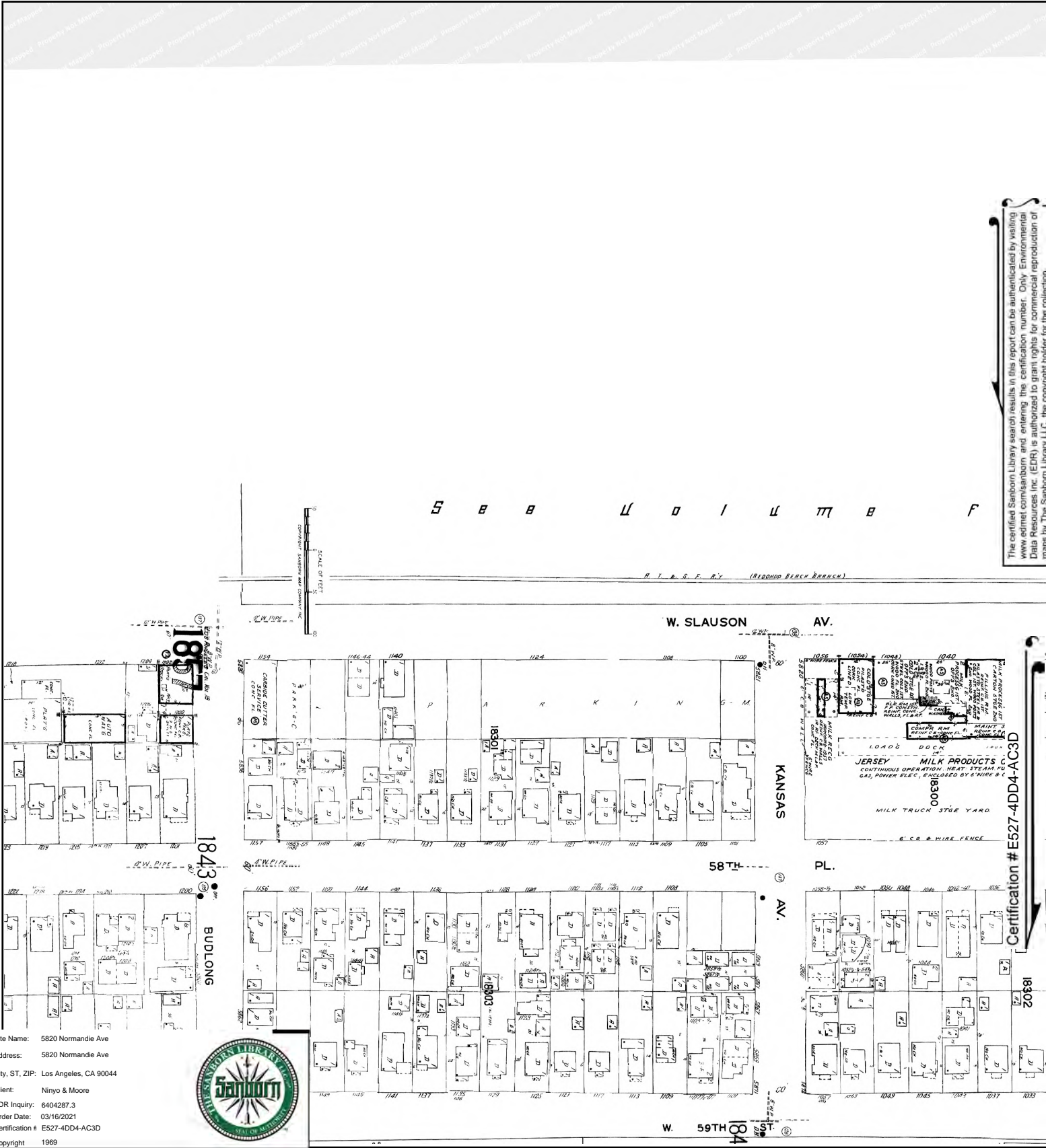


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Volume 5, Sheet 599u  
 Volume 5, Sheet 596



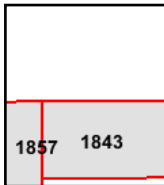
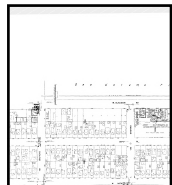
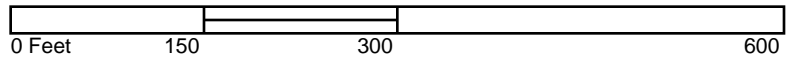


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 Copyright: 1969



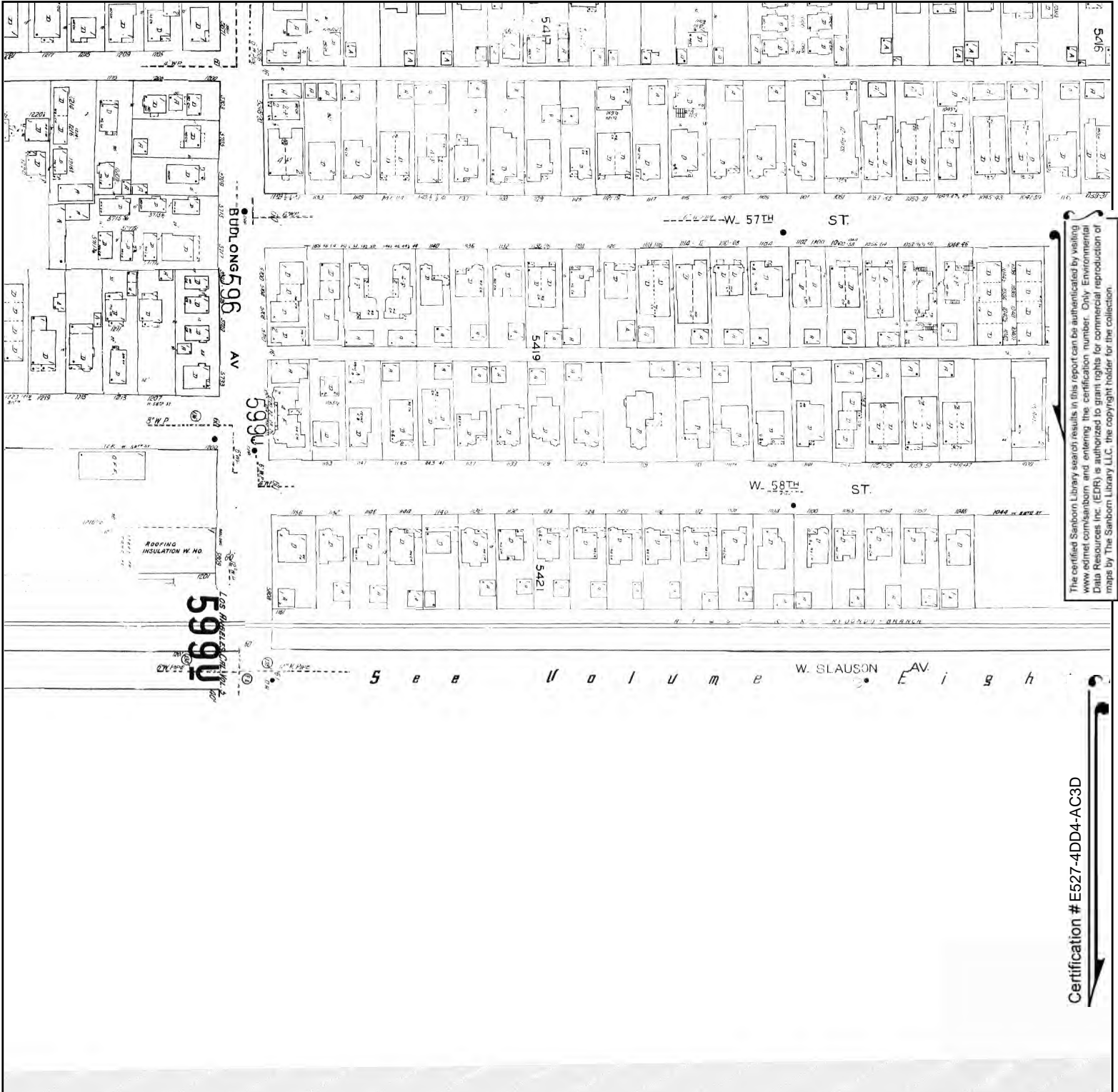
This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 18, Sheet 1857  
 Volume 18, Sheet 1843





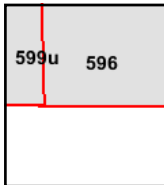
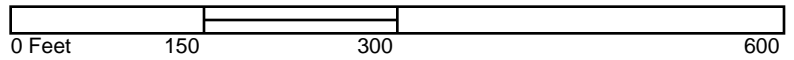


Certification # E527-4DD4-AC3D

Site Name: 5820 Normandie Ave  
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 Copyright 1968

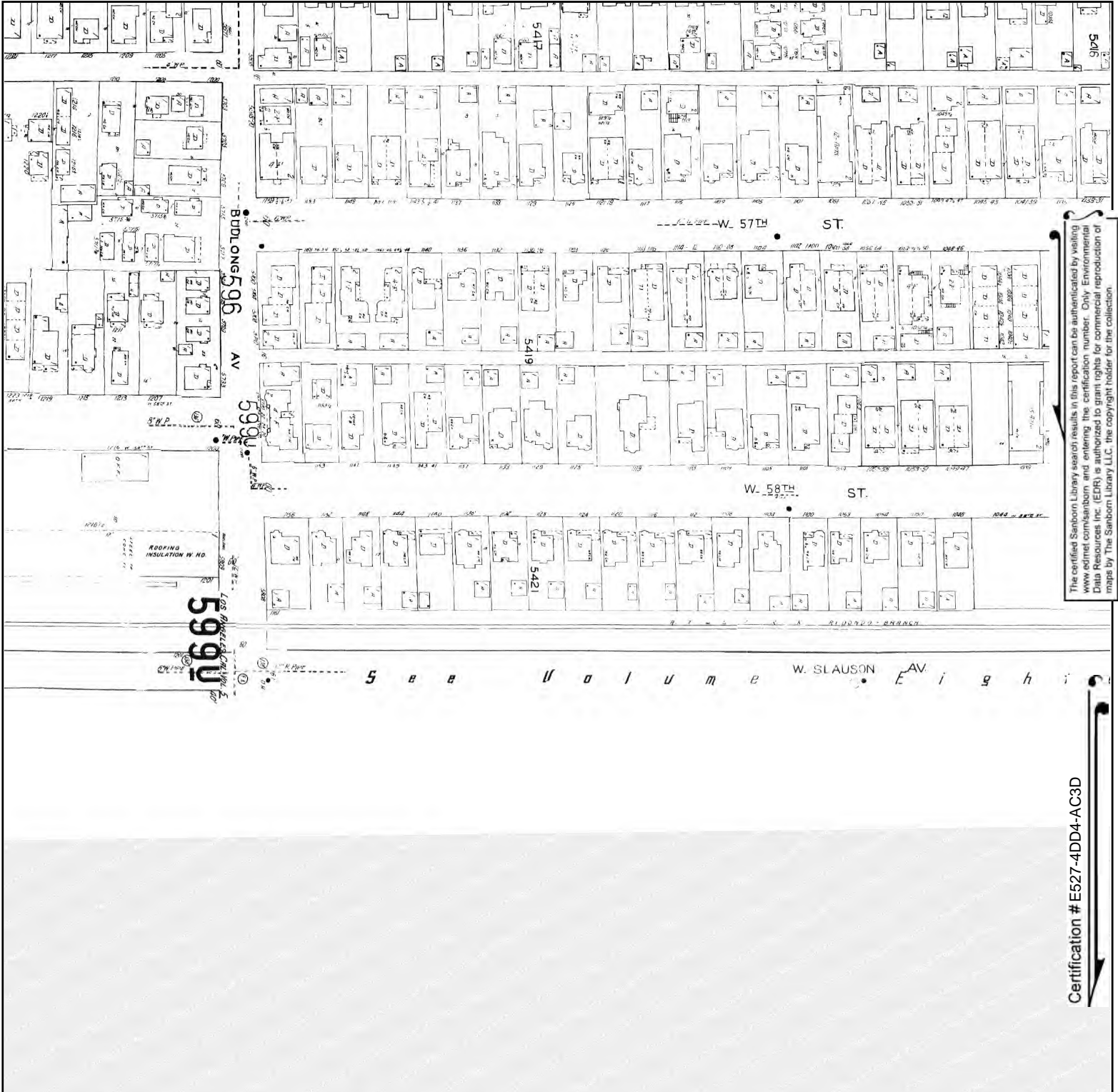


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 Outlined areas indicate map sheets within the collection.



Volume 5, Sheet 599u  
 Volume 5, Sheet 596





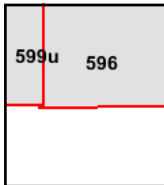
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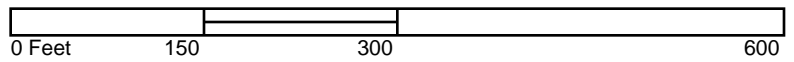
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 Order Date: 03/16/2021  
 Certification # E527-4DD4-AC3D  
 Copyright 1966



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Volume 5, Sheet 599u  
 Volume 5, Sheet 596







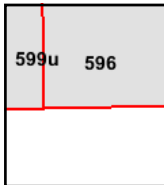
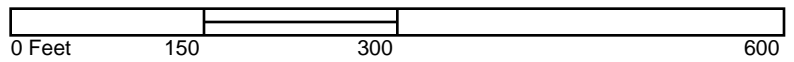
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Certification # E527-4DD4-AC3D

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 Copyright 1960

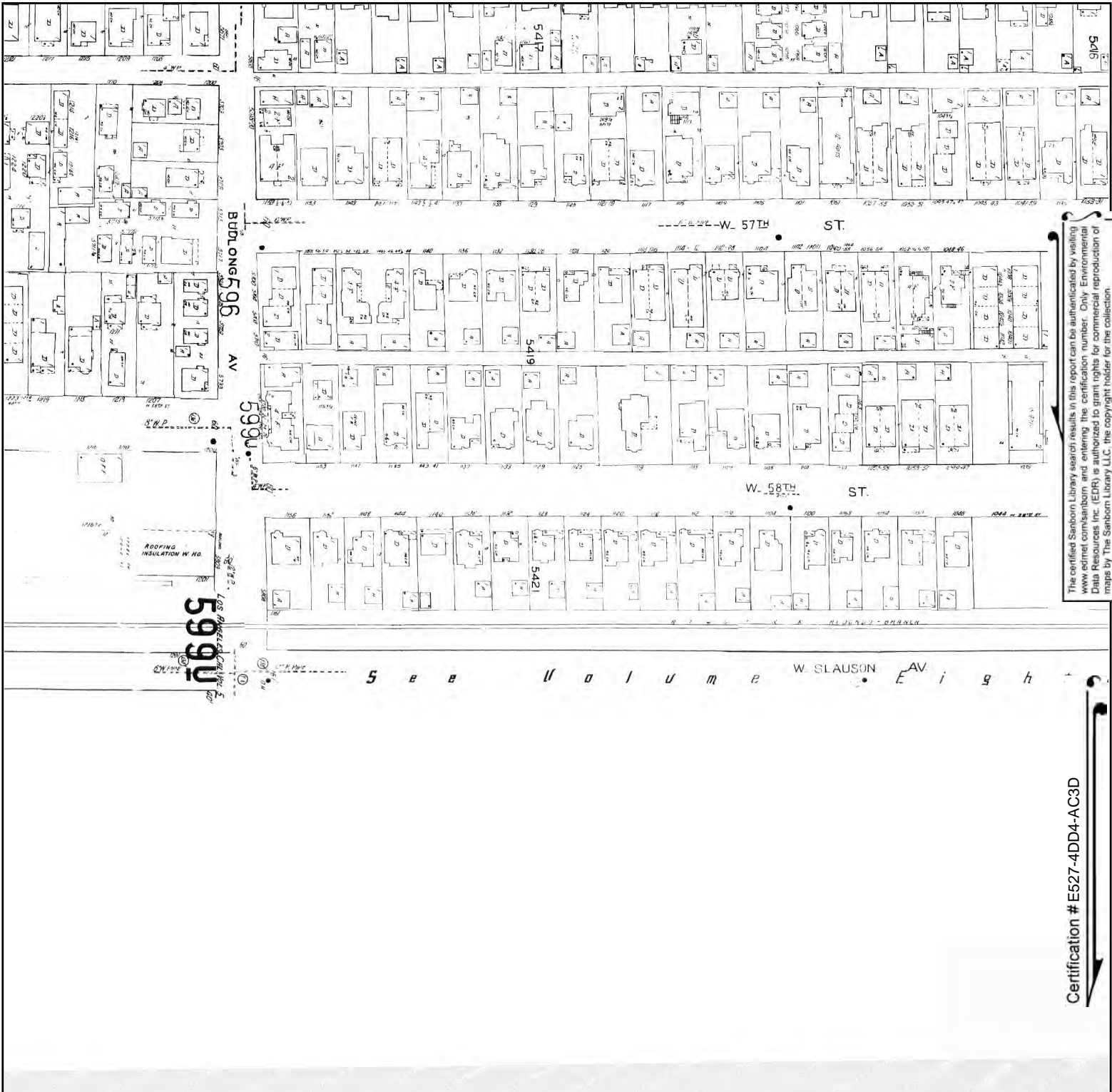


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Volume 5, Sheet 599u  
 Volume 5, Sheet 596





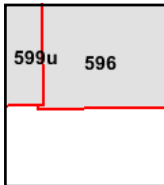
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edr.com/sanborn](http://www.edr.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # E527-4DD4-AC3D

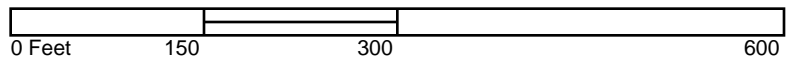
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 Order Date: 03/16/2021  
 Certification # E527-4DD4-AC3D  
 Copyright 1959



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Volume 5, Sheet 599u  
 Volume 5, Sheet 596







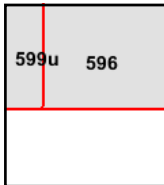
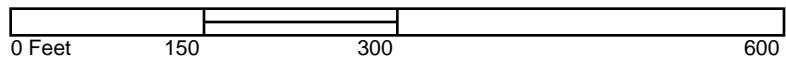
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Certification # E527-4DD4-AC3D

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 City, ST, ZIP: Los Angeles, CA 90044  
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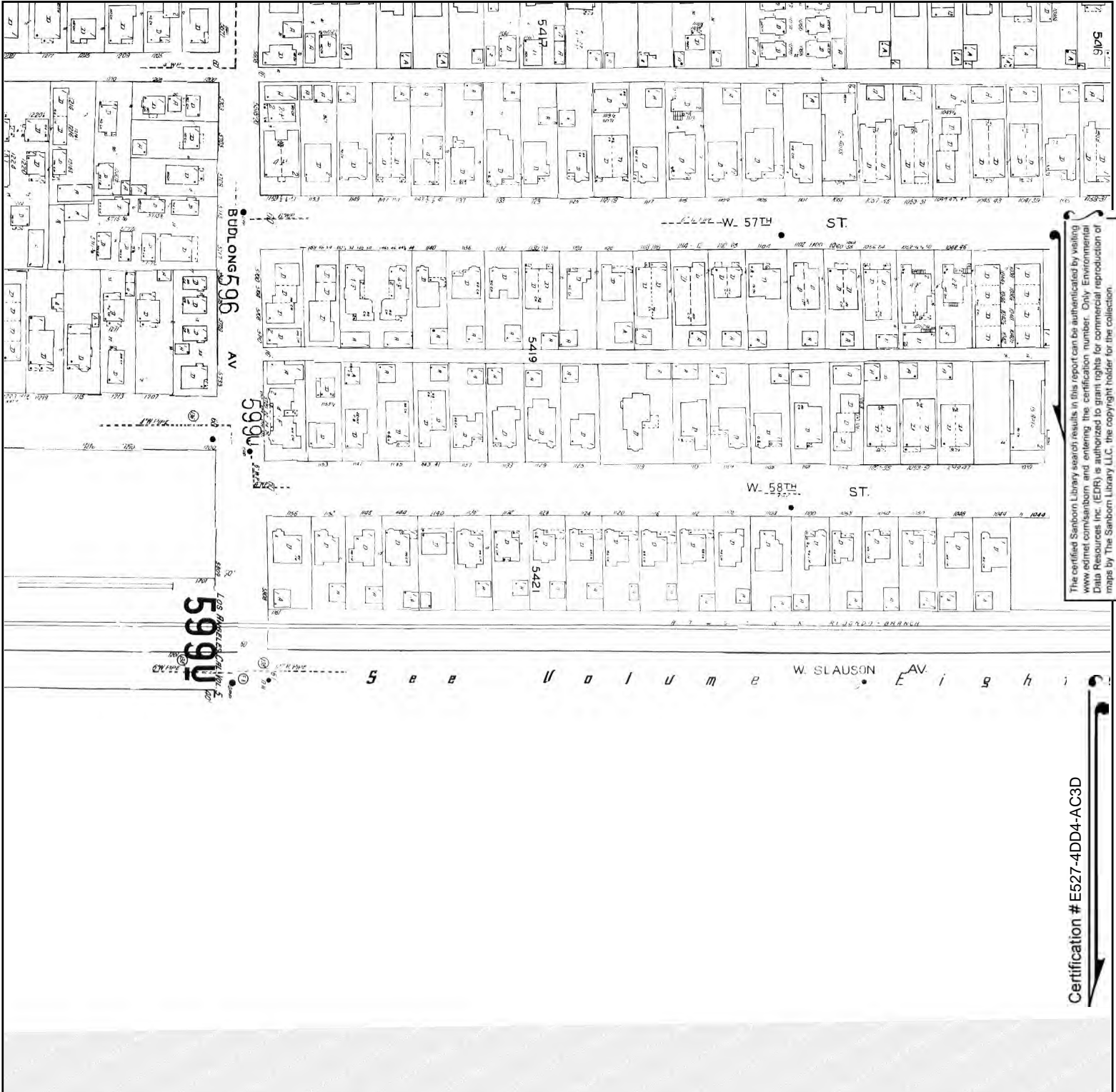
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Volume 5, Sheet 599u  
 Volume 5, Sheet 596







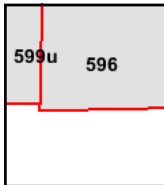
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Certification # E527-4DD4-AC3D

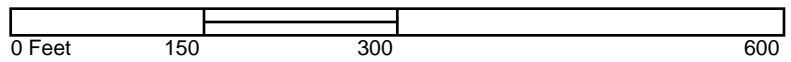
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 Order Date: 03/16/2021  
 Certification # E527-4DD4-AC3D  
 Copyright 1957

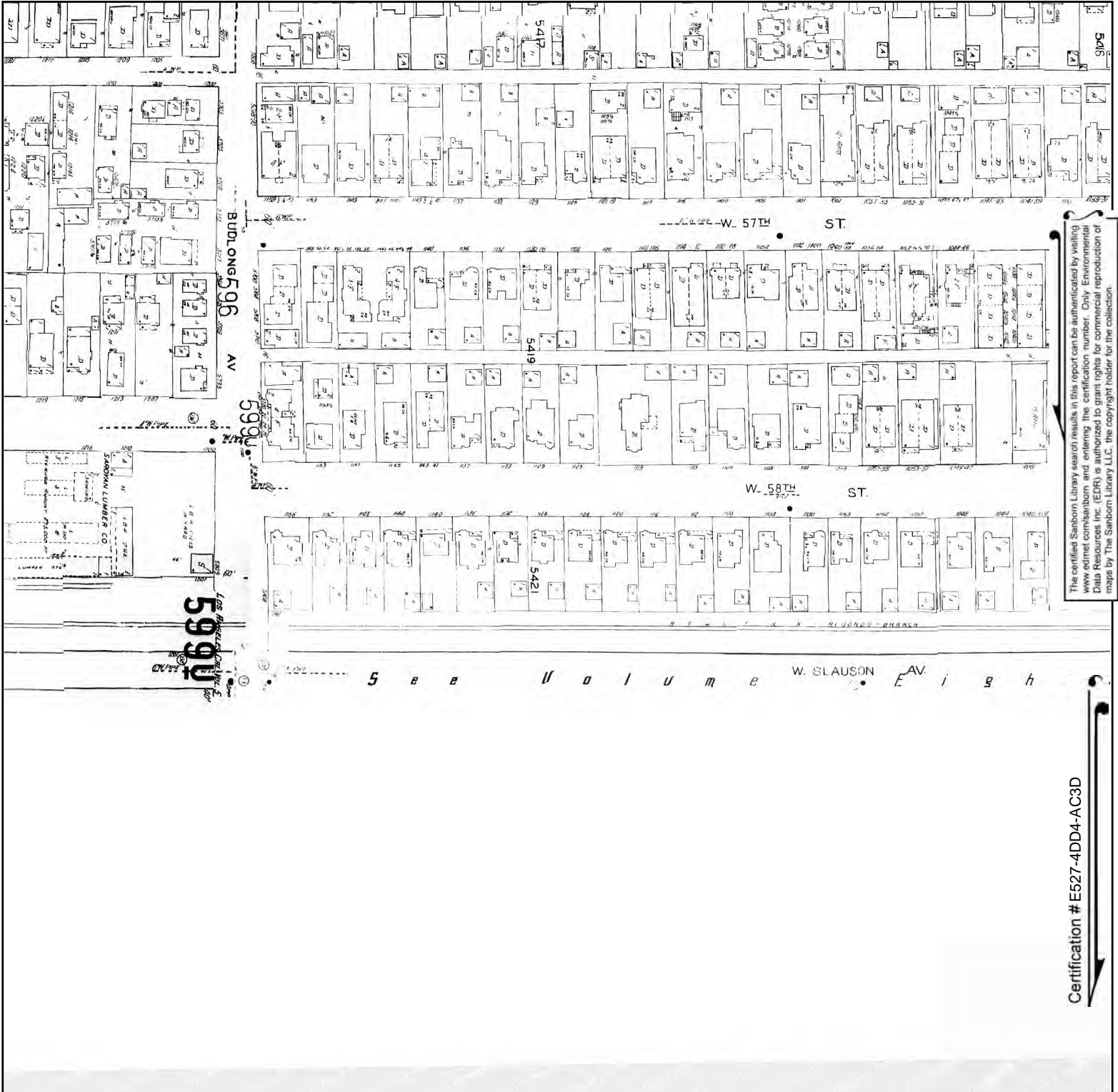


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 5, Sheet 599u  
 Volume 5, Sheet 596





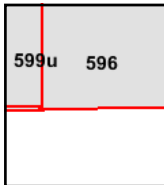
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 Order Date: 03/16/2021  
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 Copyright 1954



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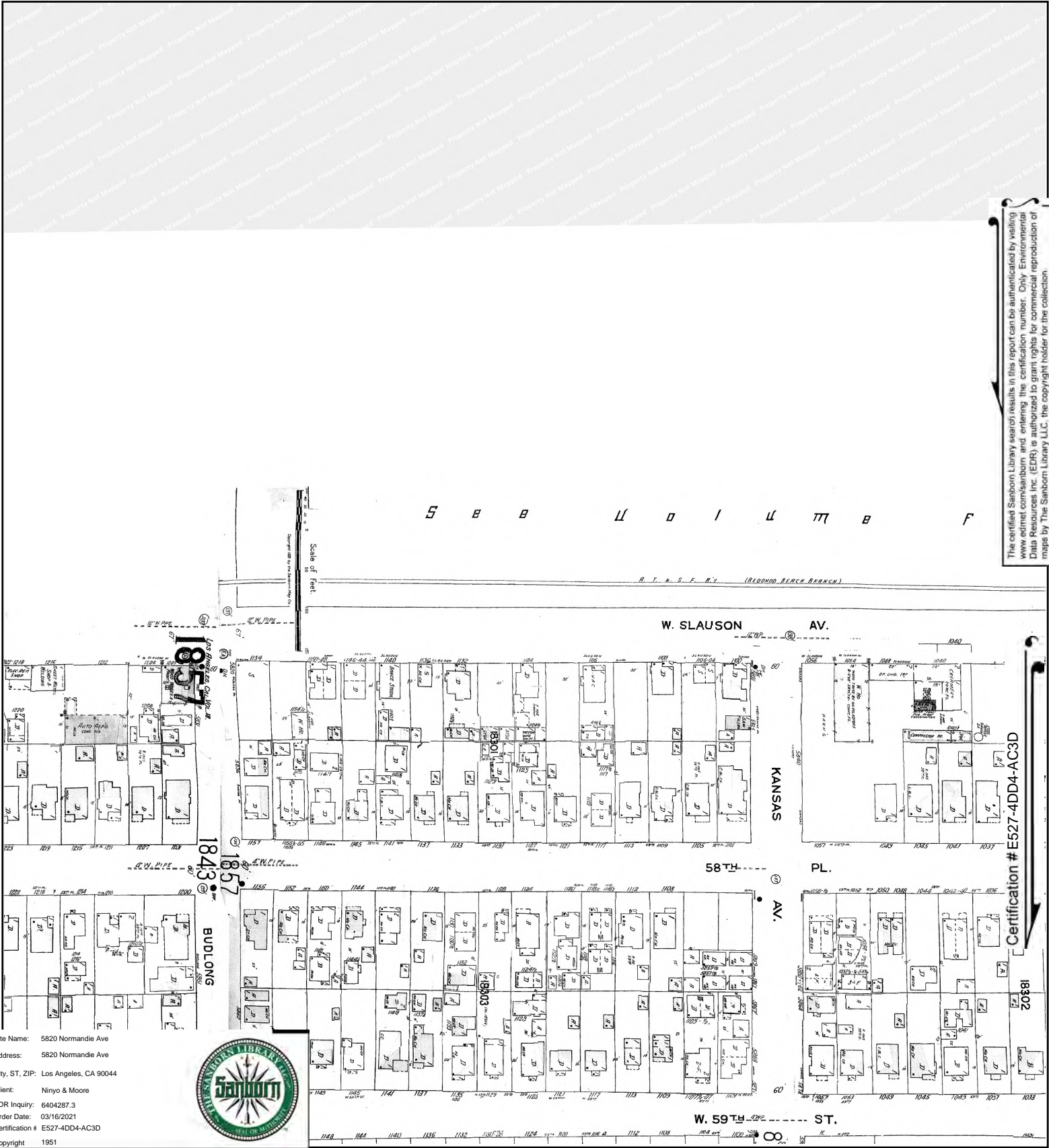


Volume 5, Sheet 599u  
 Volume 5, Sheet 596  
 Volume 5, Sheet 599u  
 Volume 5, Sheet 596





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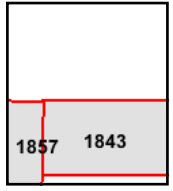
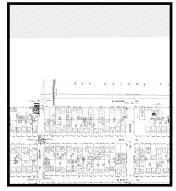


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 Order Date: 03/16/2021  
 Certification #: E527-4DD4-AC3D  
 Copyright: 1951



Certification # E527-4DD4-AC3D

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Volume 18, Sheet 1857  
 Volume 18, Sheet 1843





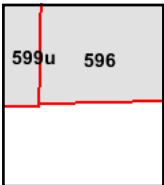
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Certification # E527-4DD4-AC3D

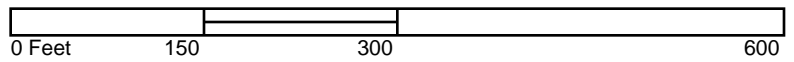
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 Certification # E527-4DD4-AC3D  
 Copyright 1950



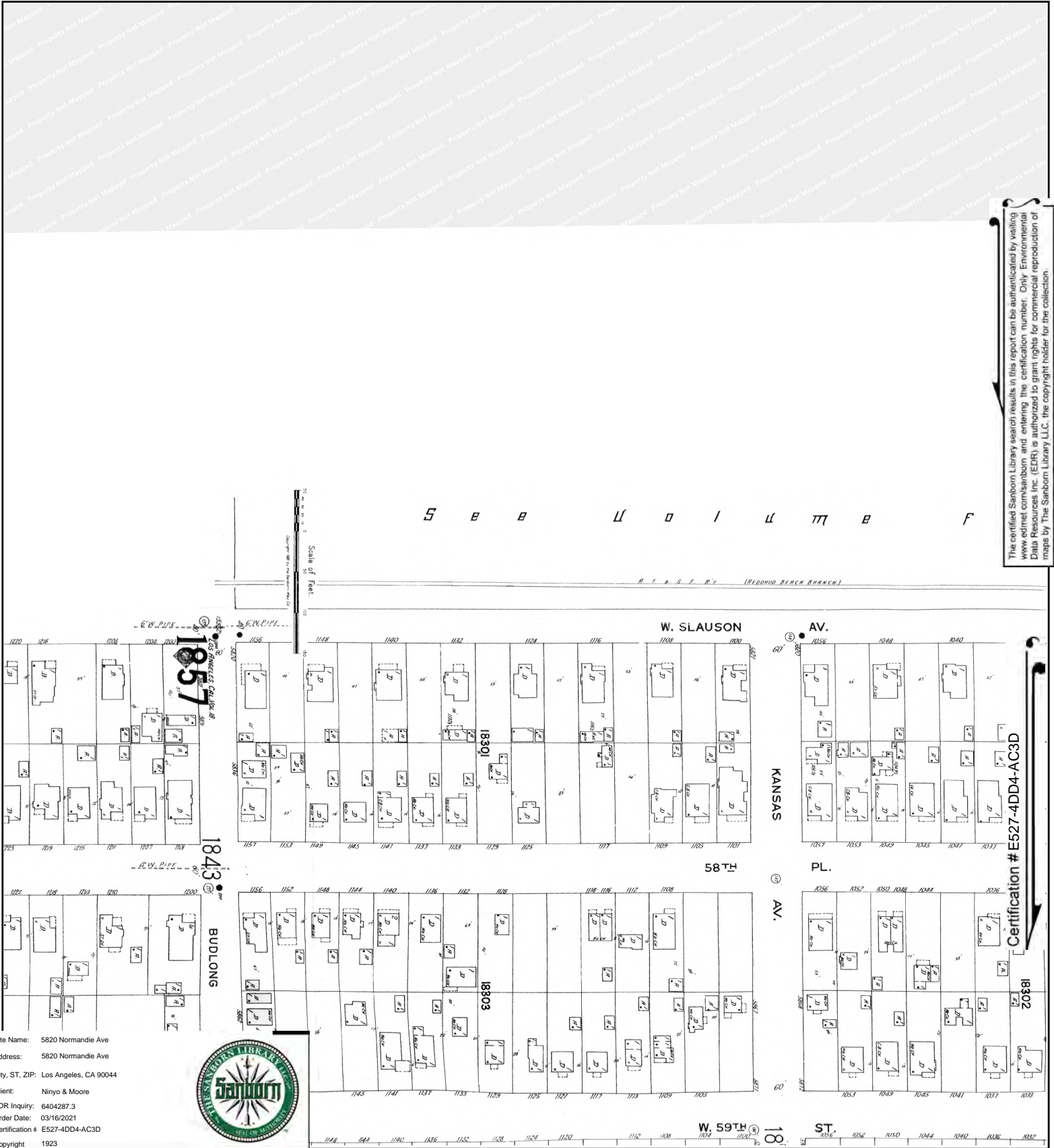
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Volume 5, Sheet 599u  
 Volume 5, Sheet 596





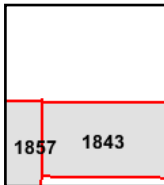
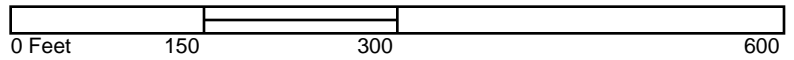


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 Copyright 1923

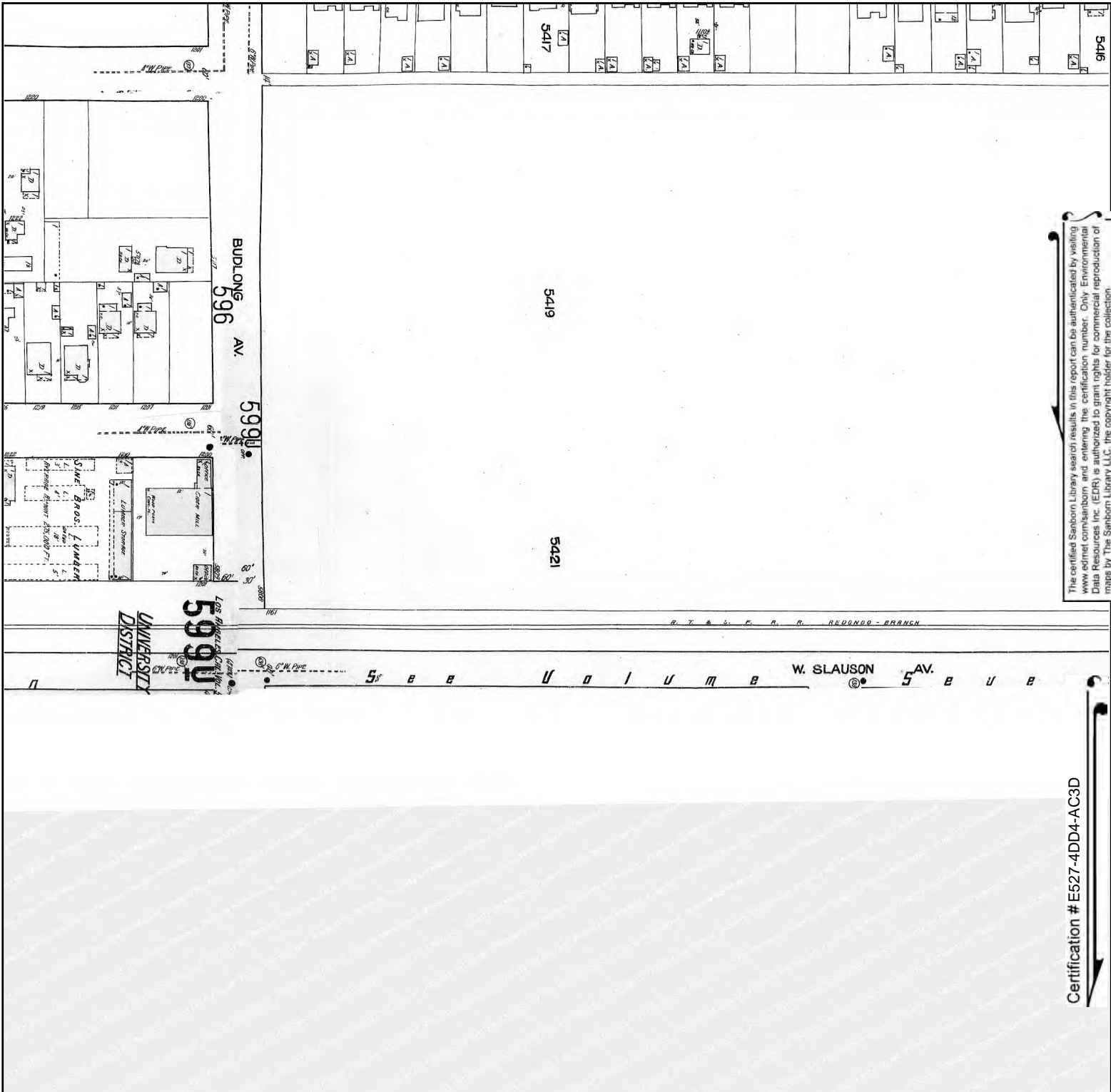


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Volume 18, Sheet 1857  
 Volume 18, Sheet 1843





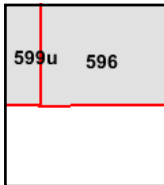
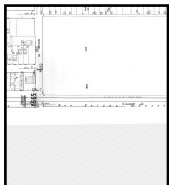
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Certification # E527-4DD4-AC3D

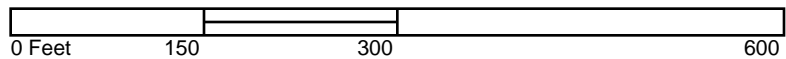
Site Name: 5820 Normandie Ave  
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 EDR Inquiry: 6404287.3  
 Order Date: 03/16/2021  
 Certification # E527-4DD4-AC3D  
 Copyright 1922



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Volume 5, Sheet 599u  
 Volume 5, Sheet 596



5820 Normandie Ave  
5820 Normandie Ave  
Los Angeles, CA 90044

Inquiry Number: 6404287.3

March 16, 2021

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

03/16/21

**Site Name:**

5820 Normandie Ave  
5820 Normandie Ave  
Los Angeles, CA 90044  
EDR Inquiry # 6404287.3

**Client Name:**

Ninyo & Moore  
475 Goddard  
Irvine, CA 92618  
Contact: Patrick Cullip



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Ninyo & Moore were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

### Certified Sanborn Results:

**Certification #** E527-4DD4-AC3D  
**PO #** 209403019  
**Project** Slauson Connect Rec Center



Sanborn® Library search results

Certification #: E527-4DD4-AC3D

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

**Maps Provided:**

1970	1957
1969	1954
1968	1951
1966	1950
1961	1923
1960	1922
1959	
1958	

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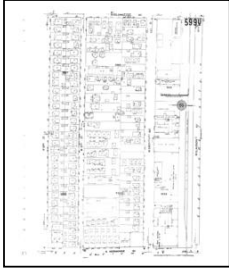


## Sanborn Sheet Key

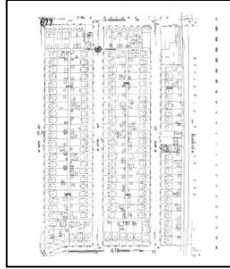
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1970 Source Sheets



Volume 5, Sheet 599u  
1970



Volume 6, Sheet 677  
1970

### 1969 Source Sheets



Volume 6, Sheet 677  
1969



Volume 18, Sheet 1857  
1969



Volume 18, Sheet 1871  
1969

### 1968 Source Sheets



Volume 5, Sheet 599u  
1968



Volume 6, Sheet 677  
1968

### 1966 Source Sheets



Volume 5, Sheet 599u  
1966



Volume 6, Sheet 677  
1966

## Sanborn Sheet Key

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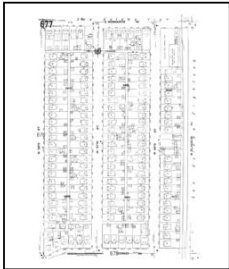


### 1961 Source Sheets



Volume 6, Sheet 677  
1961

### 1960 Source Sheets



Volume 6, Sheet 677  
1960



Volume 5, Sheet 599u  
1960

### 1959 Source Sheets



Volume 5, Sheet 599u  
1959



Volume 6, Sheet 677  
1959

### 1958 Source Sheets



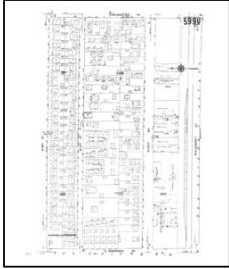
Volume 5, Sheet 599u  
1958

## Sanborn Sheet Key

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### 1957 Source Sheets

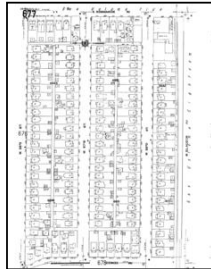


Volume 5, Sheet 599u  
1957

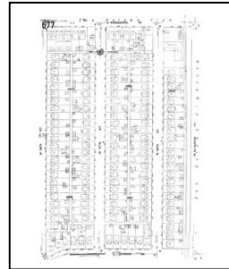
### 1954 Source Sheets



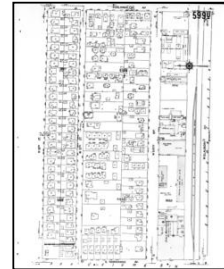
Volume 5, Sheet 599u  
1954



Volume 6, Sheet 677  
1954

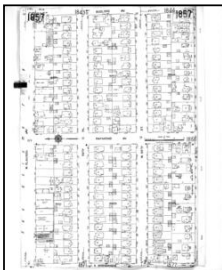


Volume 6, Sheet 677  
1954



Volume 5, Sheet 599u  
1954

### 1951 Source Sheets

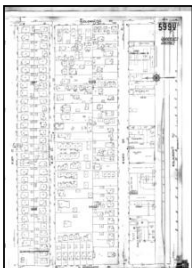


Volume 18, Sheet 1857  
1951



Volume 18, Sheet 1871  
1951

### 1950 Source Sheets



Volume 5, Sheet 599u  
1950



Volume 6, Sheet 677  
1950

## Sanborn Sheet Key

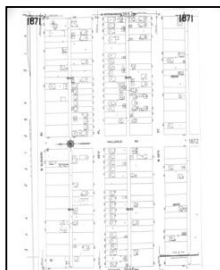
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### 1923 Source Sheets



Volume 18, Sheet 1857  
1923

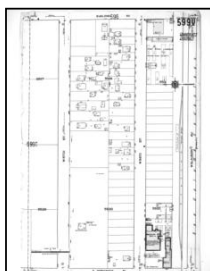


Volume 18, Sheet 1871  
1923

### 1922 Source Sheets

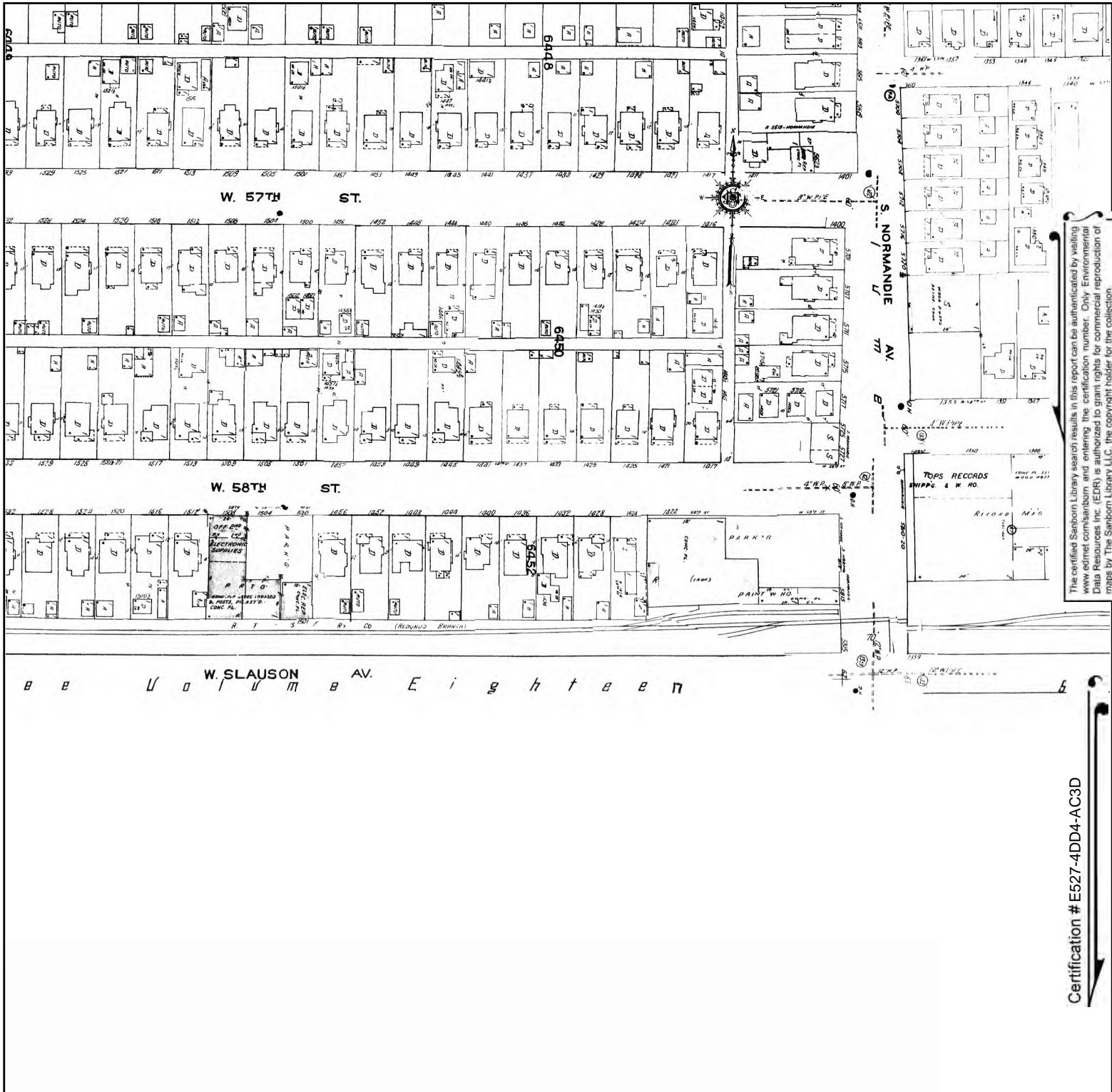


Volume 6, Sheet 677  
1922



Volume 5, Sheet 599u  
1922





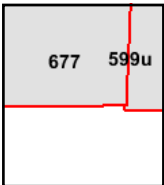
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 Client: Ninyo & Moore  
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 Order Date: 03/16/2021  
 Certification # E527-4DD4-AC3D  
 Copyright: 1970



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Volume 6, Sheet 677  
 Volume 5, Sheet 599u





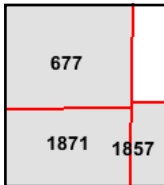
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 Copyright 1969



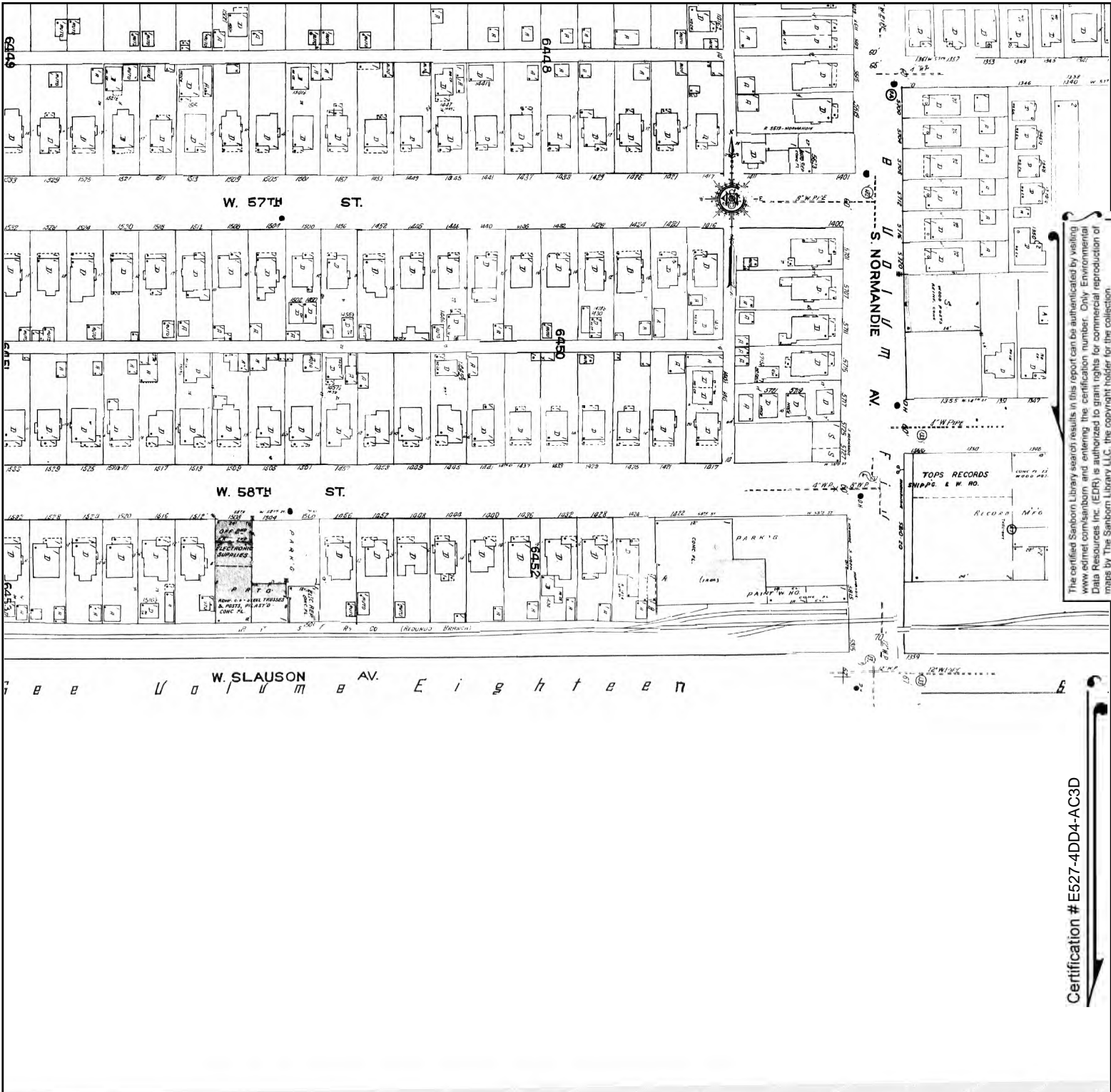
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Volume 18, Sheet 1871  
 Volume 18, Sheet 1857  
 Volume 6, Sheet 677







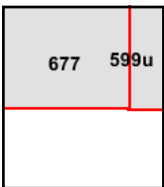
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 Certification # E527-4DD4-AC3D  
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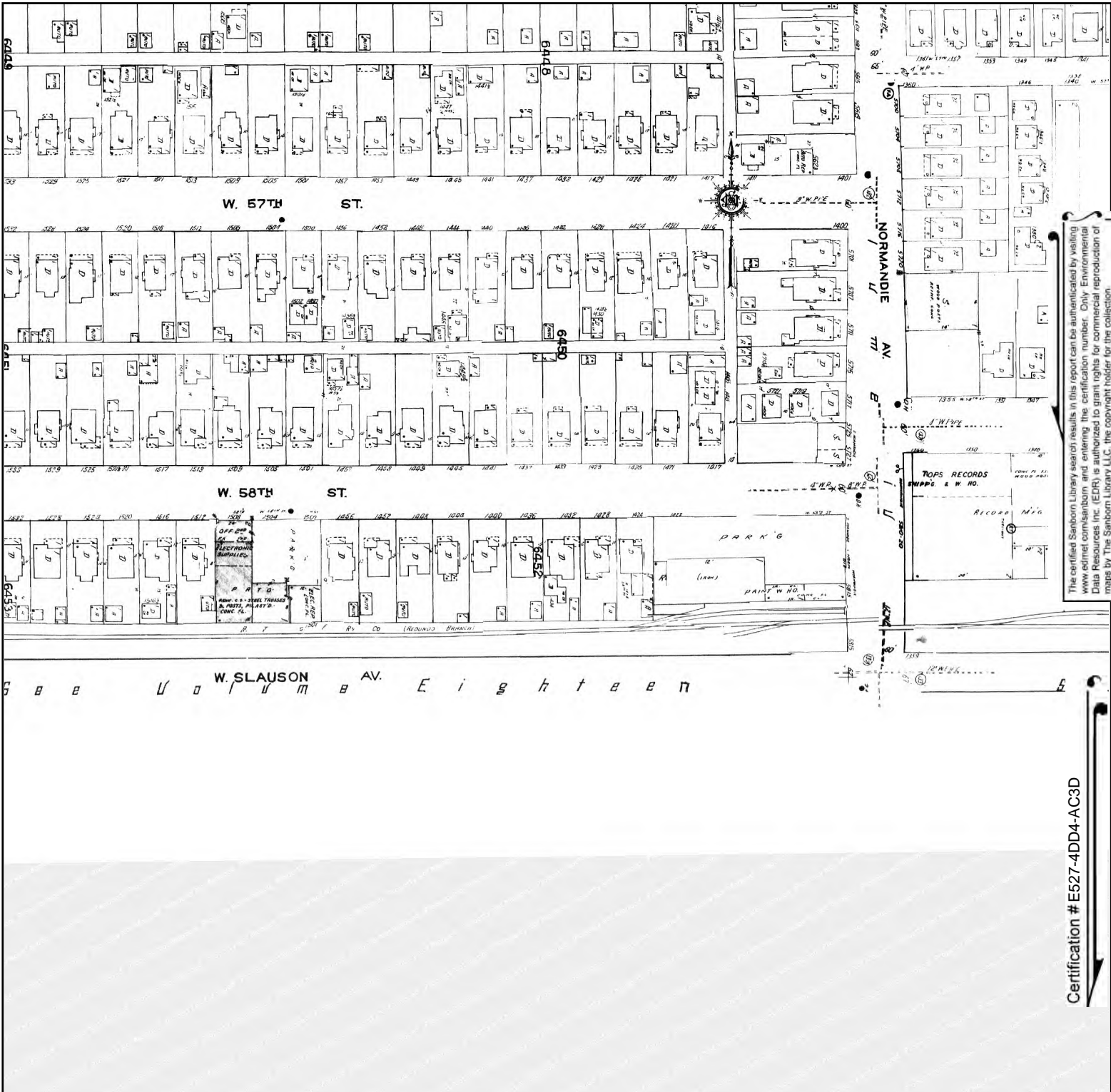


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Volume 6, Sheet 677  
 Volume 5, Sheet 599u





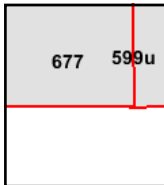
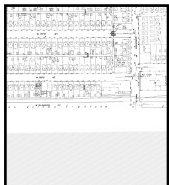
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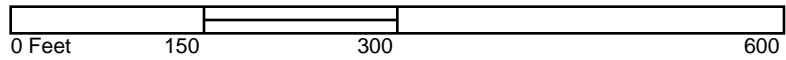
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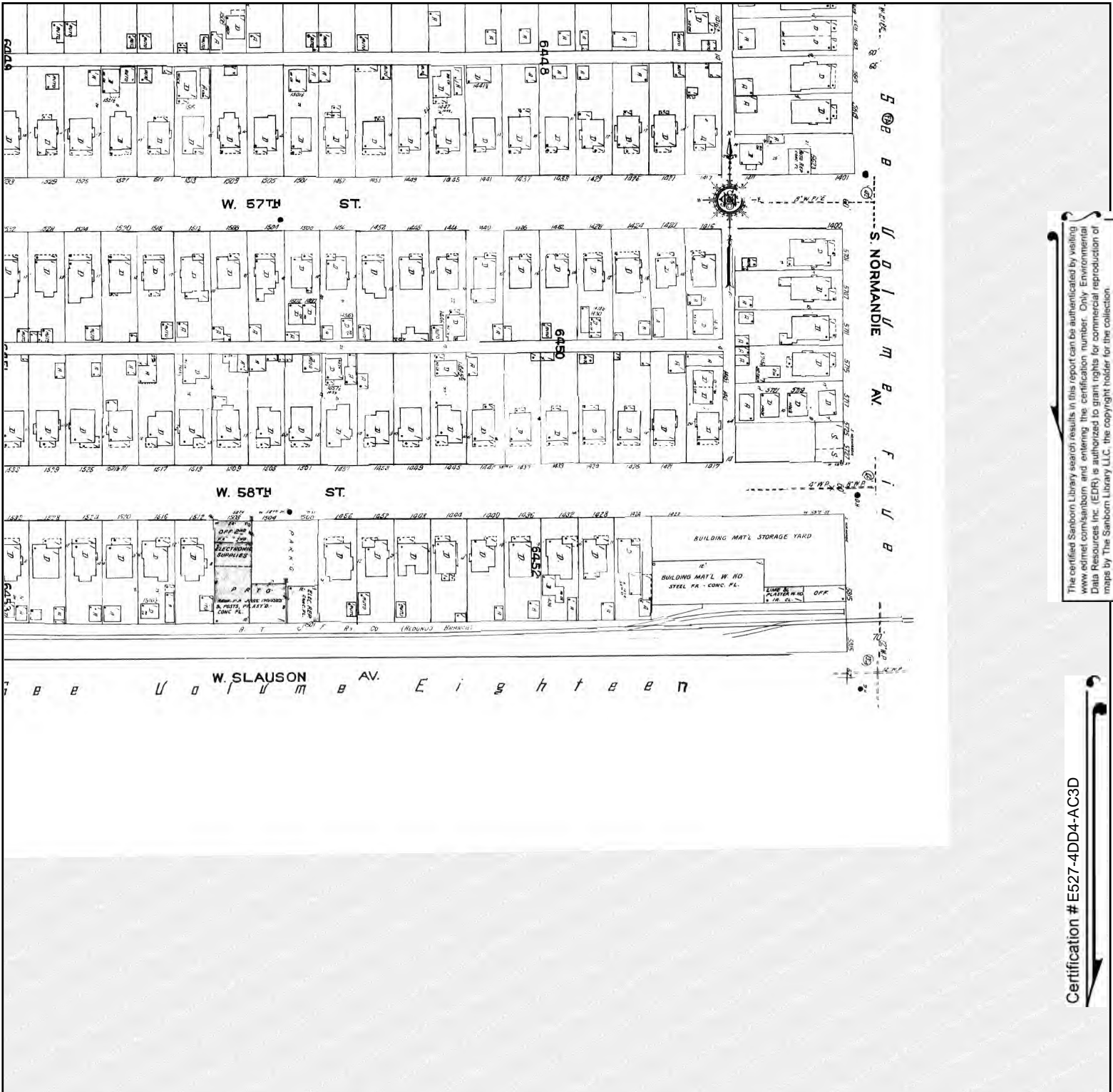
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Volume 6, Sheet 677  
 Volume 5, Sheet 599u







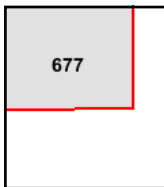
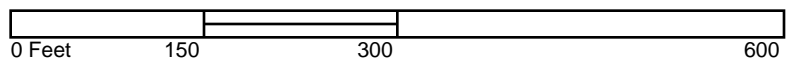
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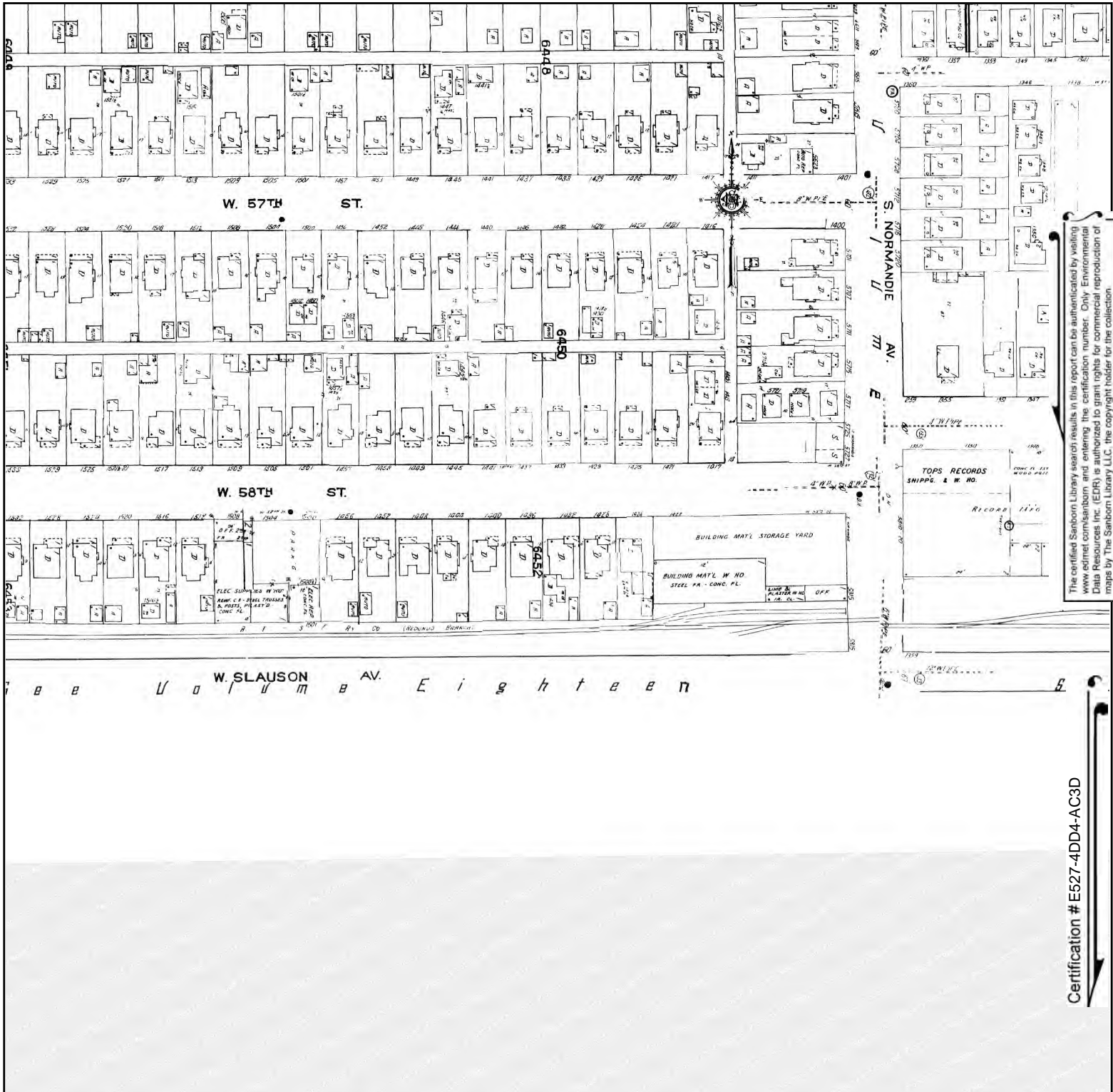


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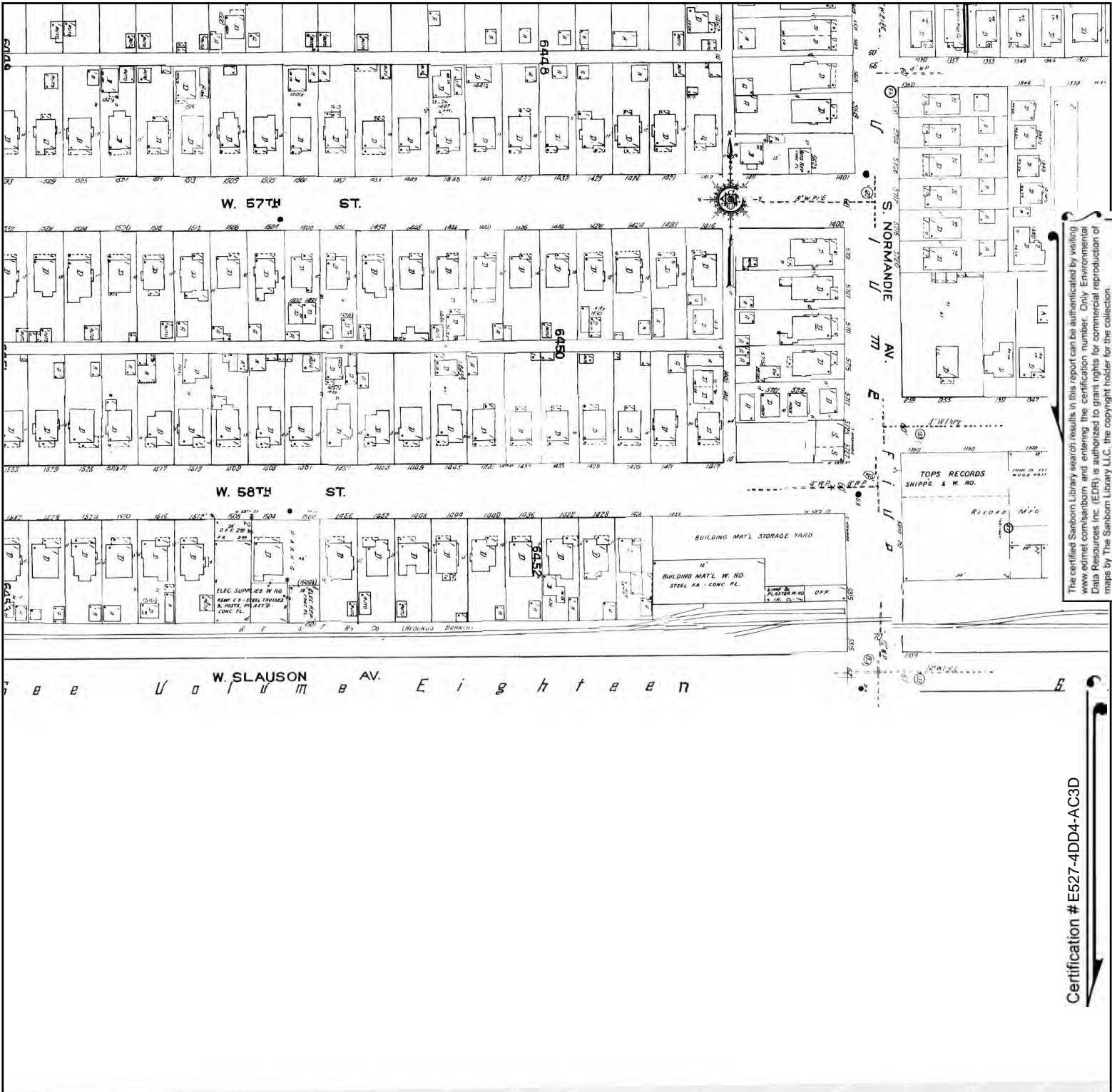


Volume 6, Sheet 677









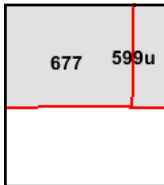
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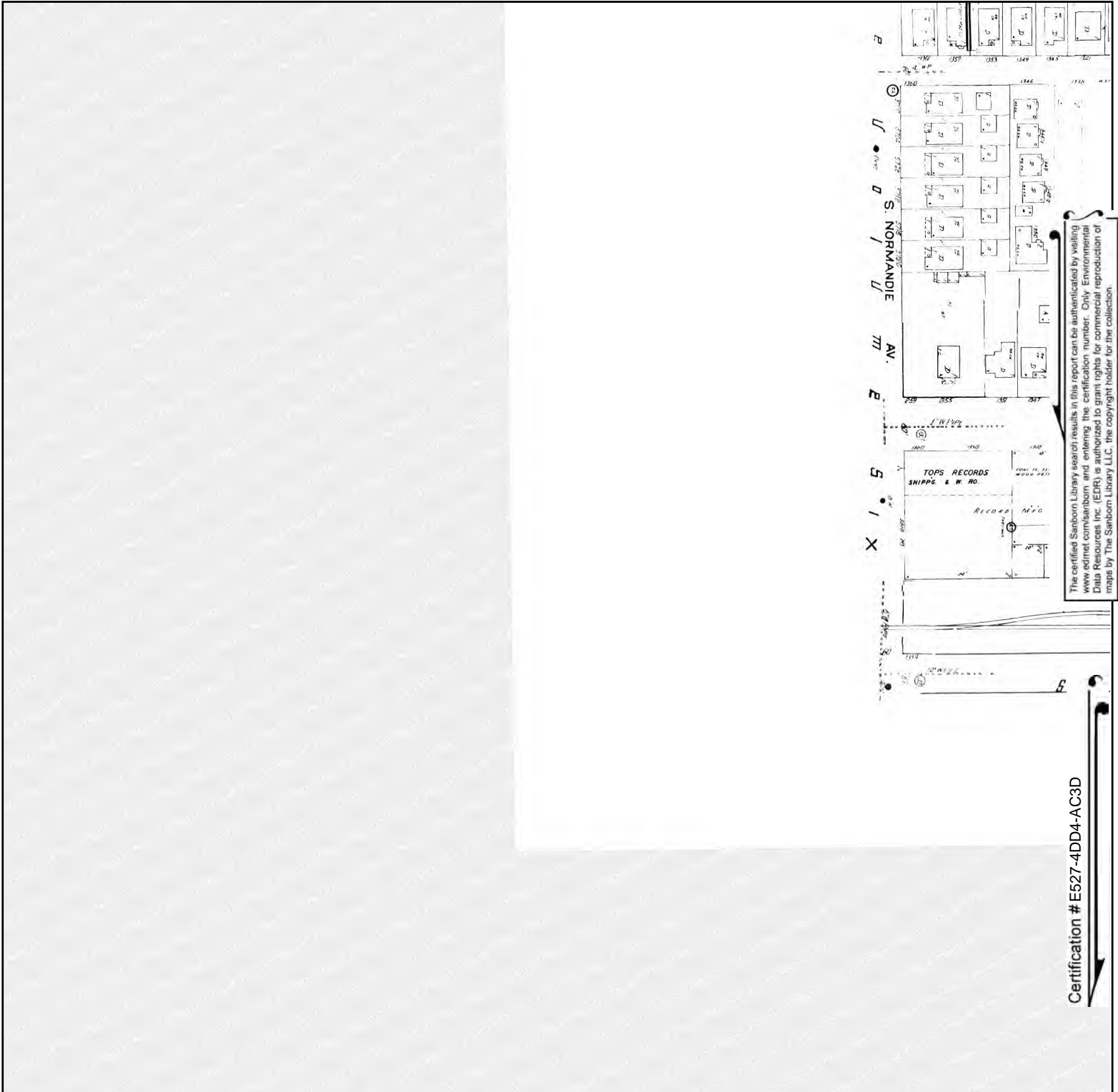


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Volume 6, Sheet 677  
 Volume 5, Sheet 599u



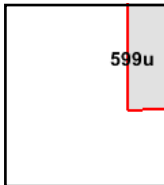


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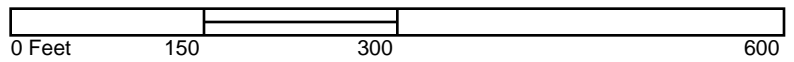
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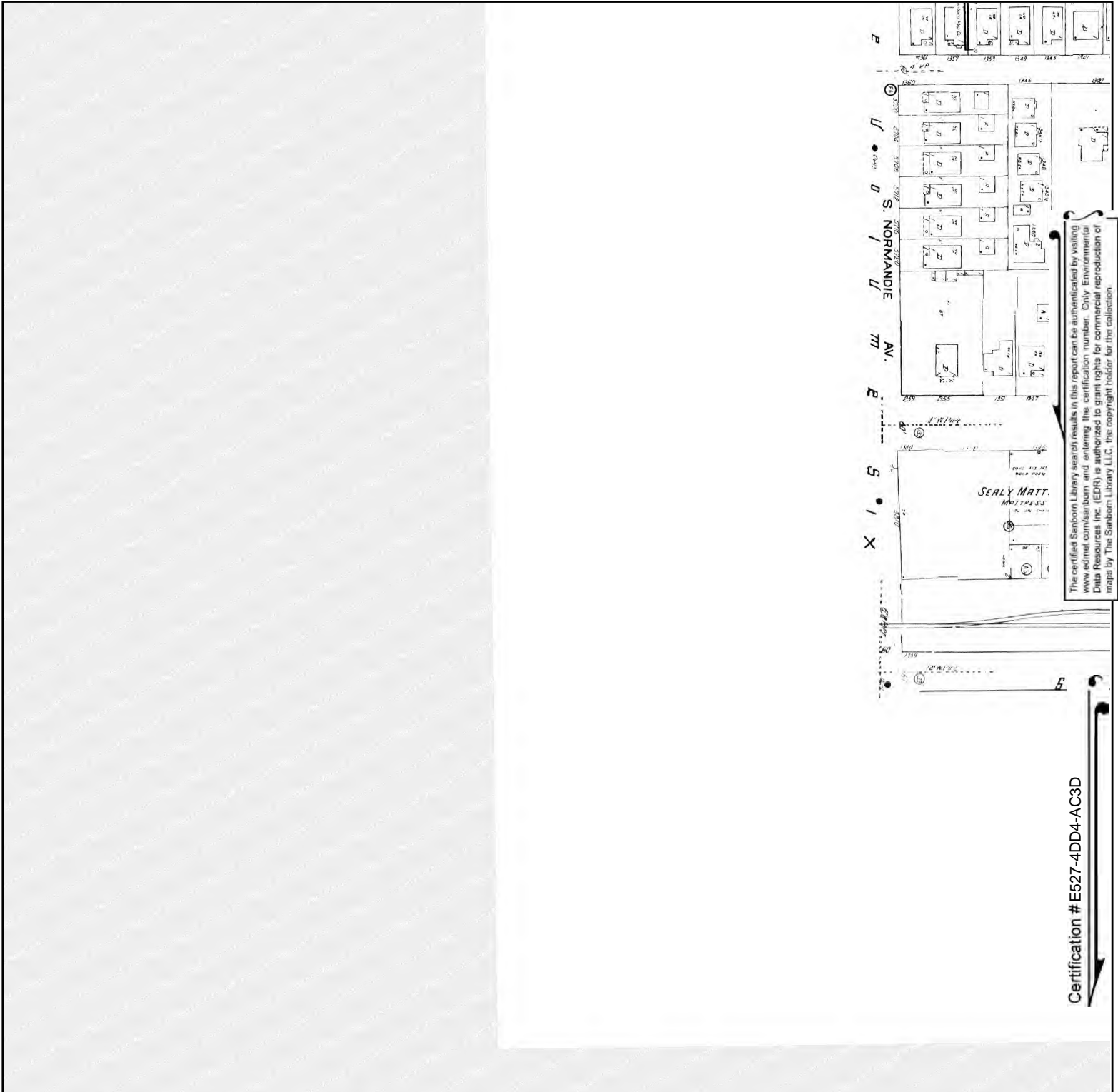


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Volume 5, Sheet 599u





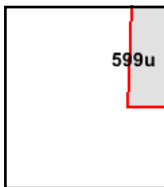
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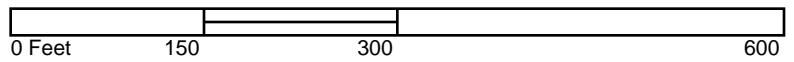
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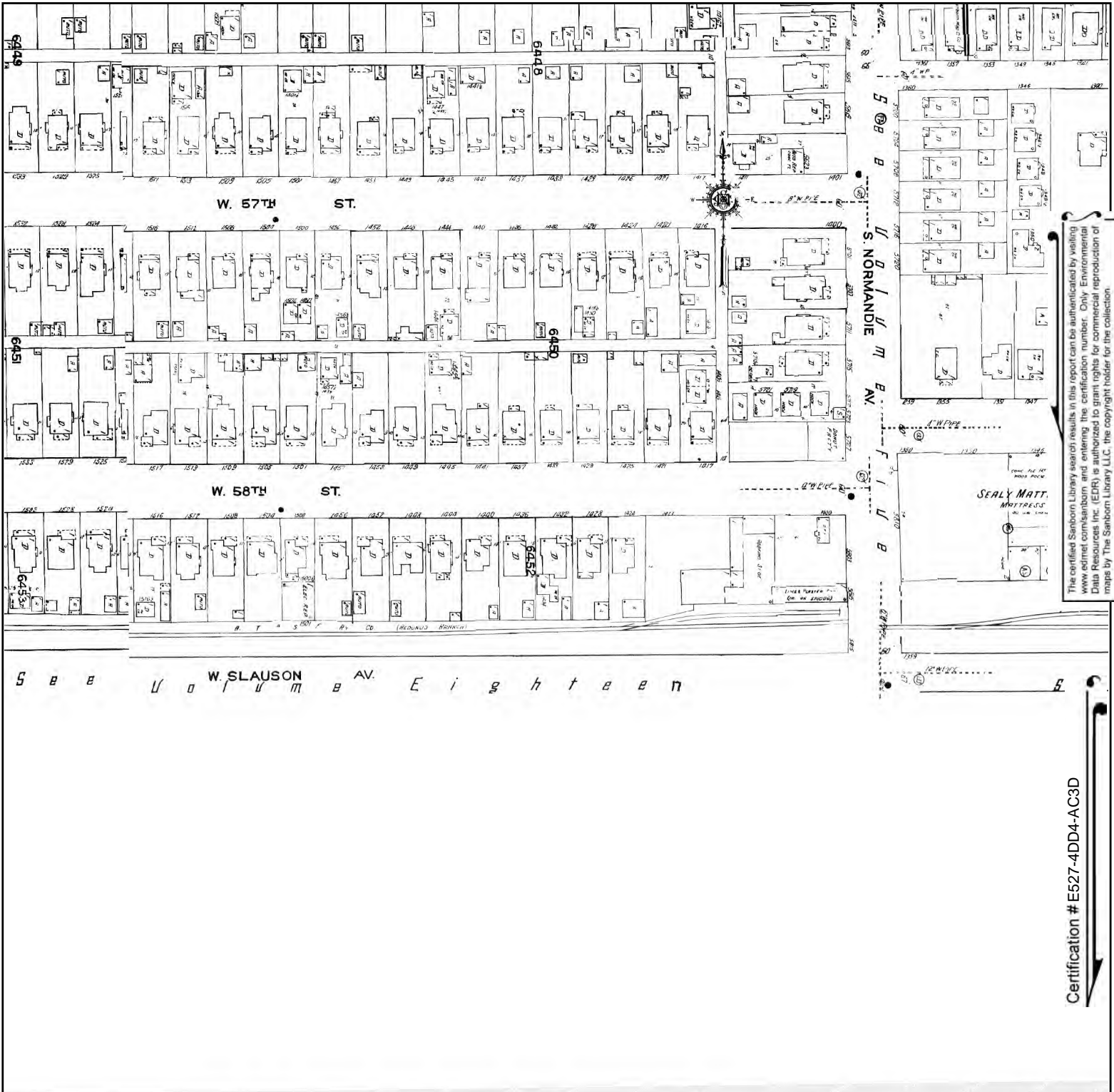
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Volume 5, Sheet 599u







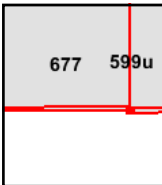
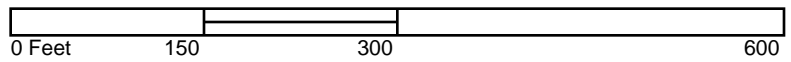
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 Copyright 1954



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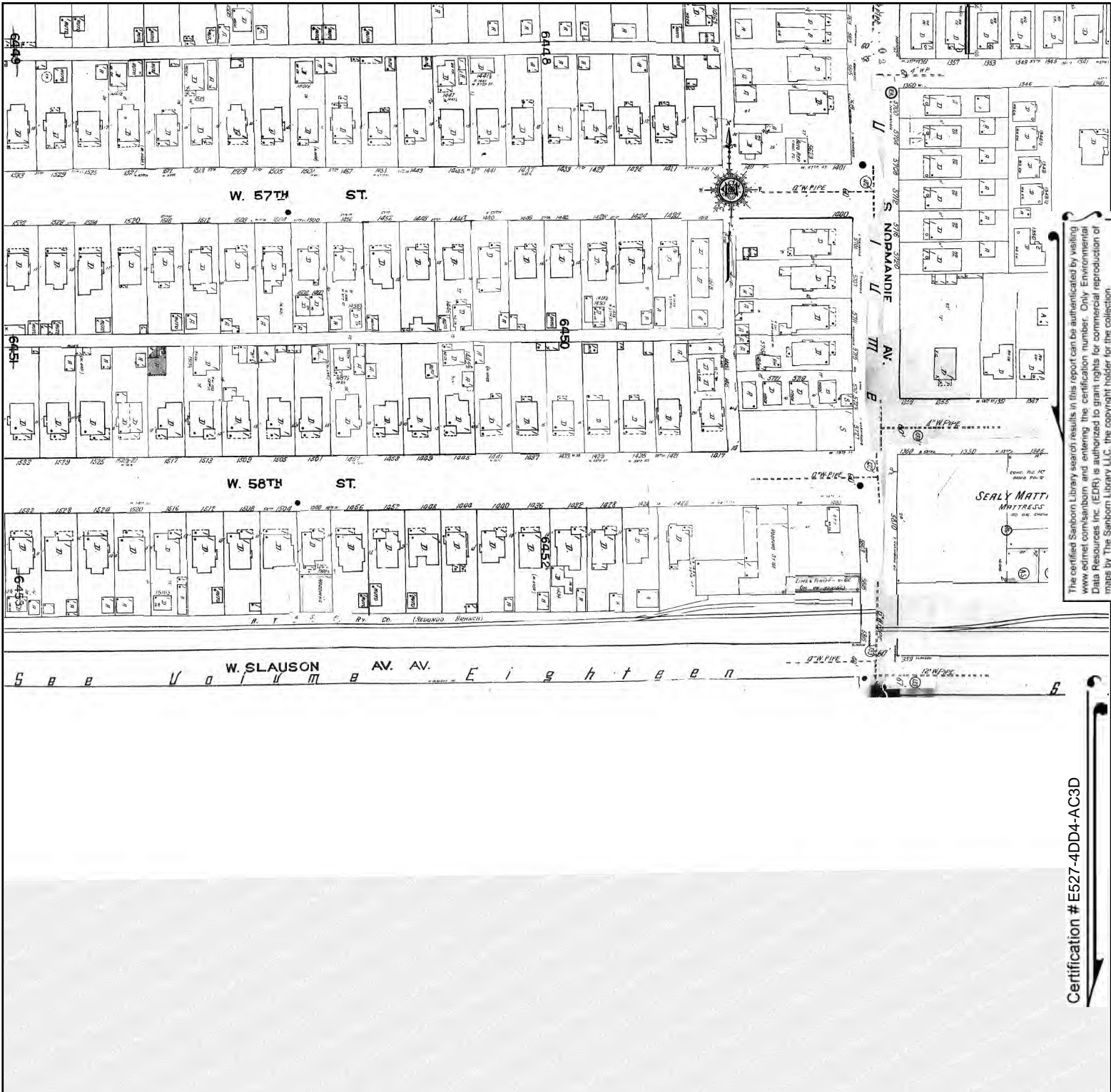


Volume 5, Sheet 599u  
 Volume 6, Sheet 677  
 Volume 6, Sheet 677  
 Volume 5, Sheet 599u









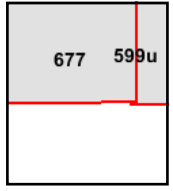
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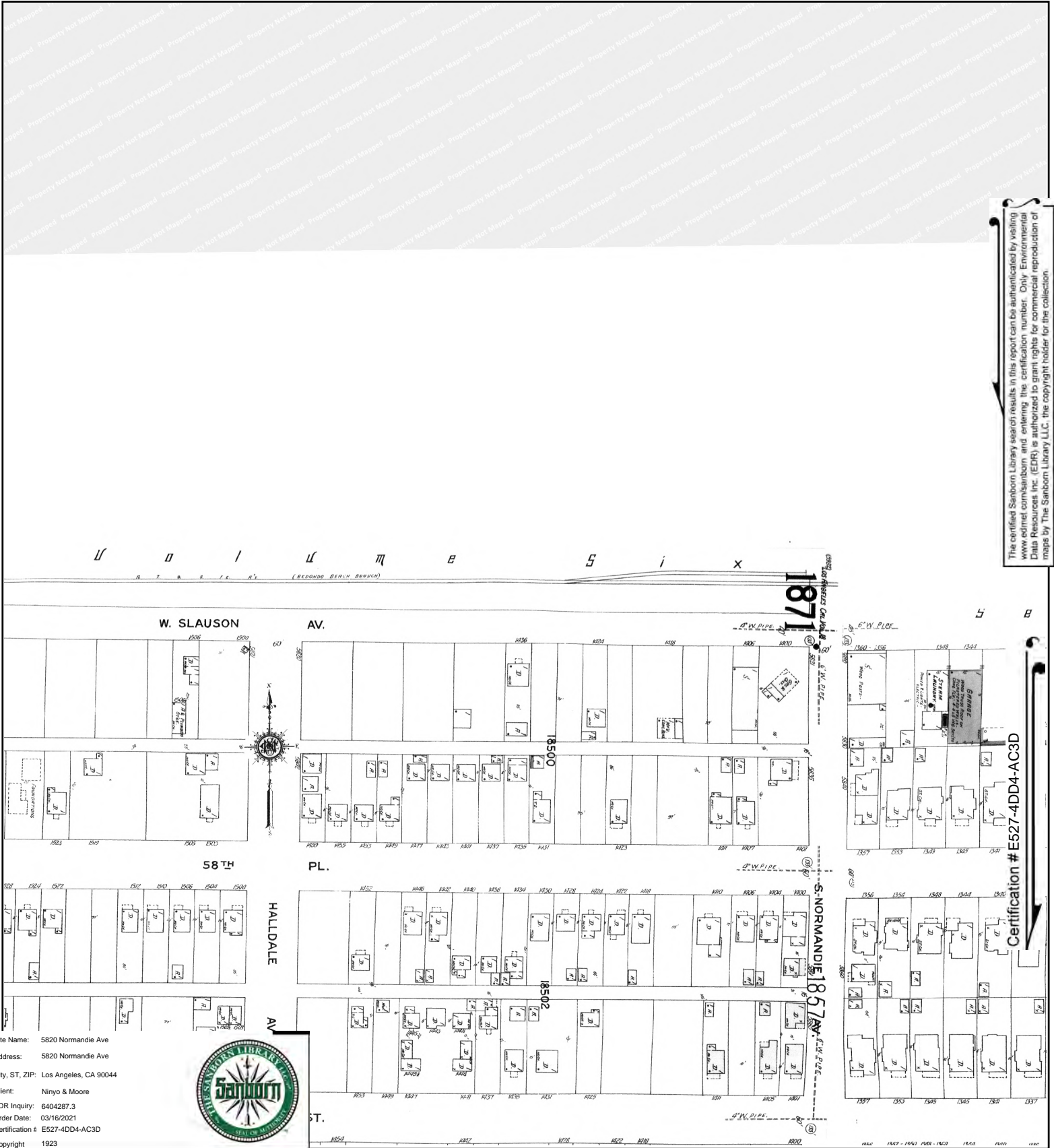
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Volume 6, Sheet 677  
 Volume 5, Sheet 599u







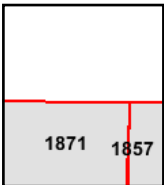
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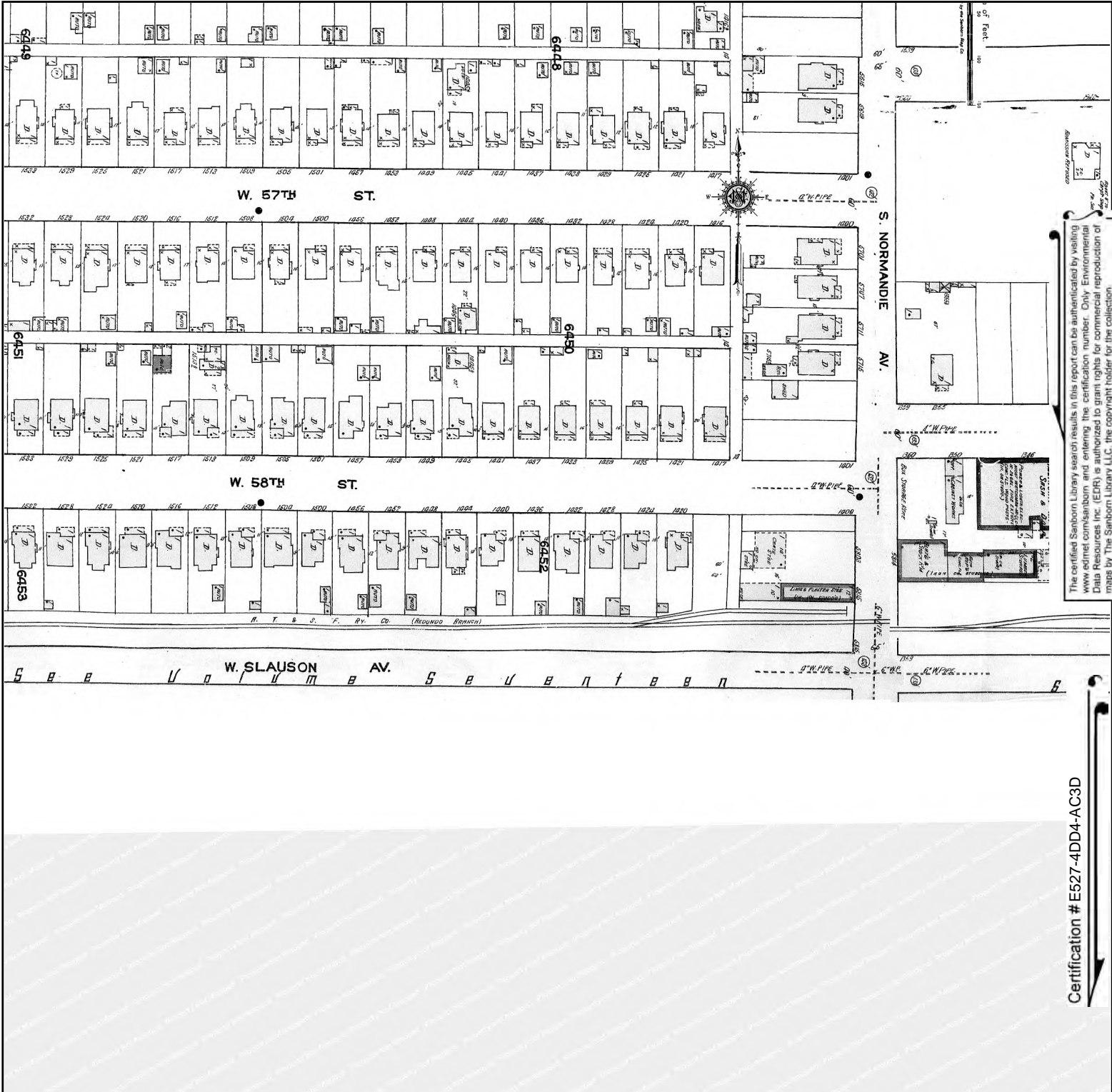


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Volume 18, Sheet 1871  
 Volume 18, Sheet 1857





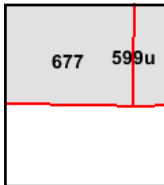
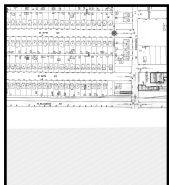
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 Order Date: 03/16/2021  
 Certification # E527-4DD4-AC3D  
 Copyright 1922



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Volume 5, Sheet 599u  
 Volume 6, Sheet 677





**5820 Normandie Ave**

5820 Normandie Ave

Los Angeles, CA 90044

Inquiry Number: 6404287.8

March 12, 2021

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

03/12/21

Site Name:	Client Name:
5820 Normandie Ave	Ninyo & Moore
5820 Normandie Ave	475 Goddard
Los Angeles, CA 90044	Irvine, CA 92618
EDR Inquiry # 6404287.8	Contact: Patrick Cullip

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## Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 10, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1979	1"=500'	Flight Date: May 11, 1979	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: February 17, 1970	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1954	1"=500'	Flight Date: October 27, 1954	USDA
1952	1"=500'	Flight Date: April 12, 1952	USDA
1947	1"=500'	Flight Date: June 22, 1947	FAIR
1938	1"=500'	Flight Date: May 22, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1923	1"=500'	Flight Date: January 01, 1923	FAIR

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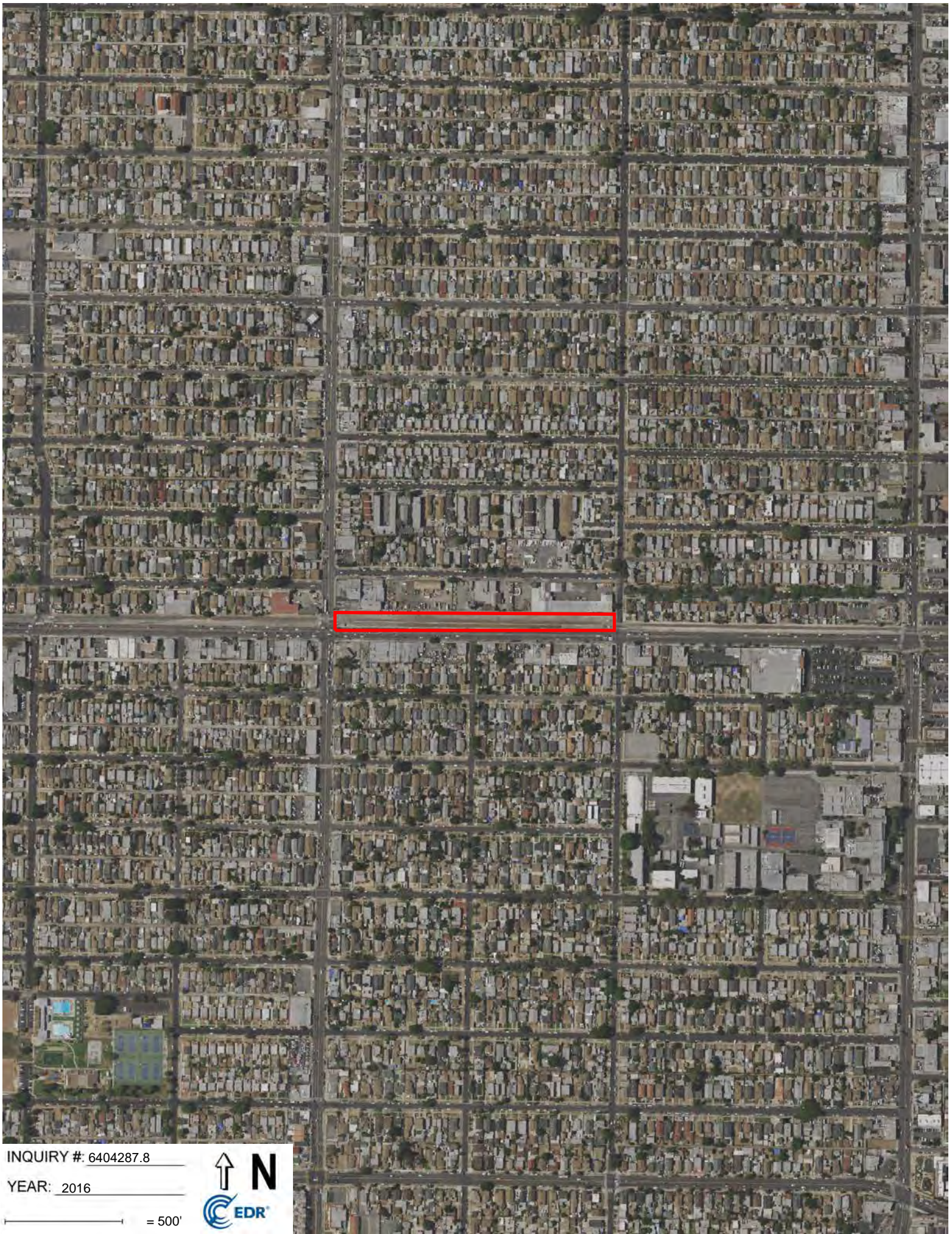
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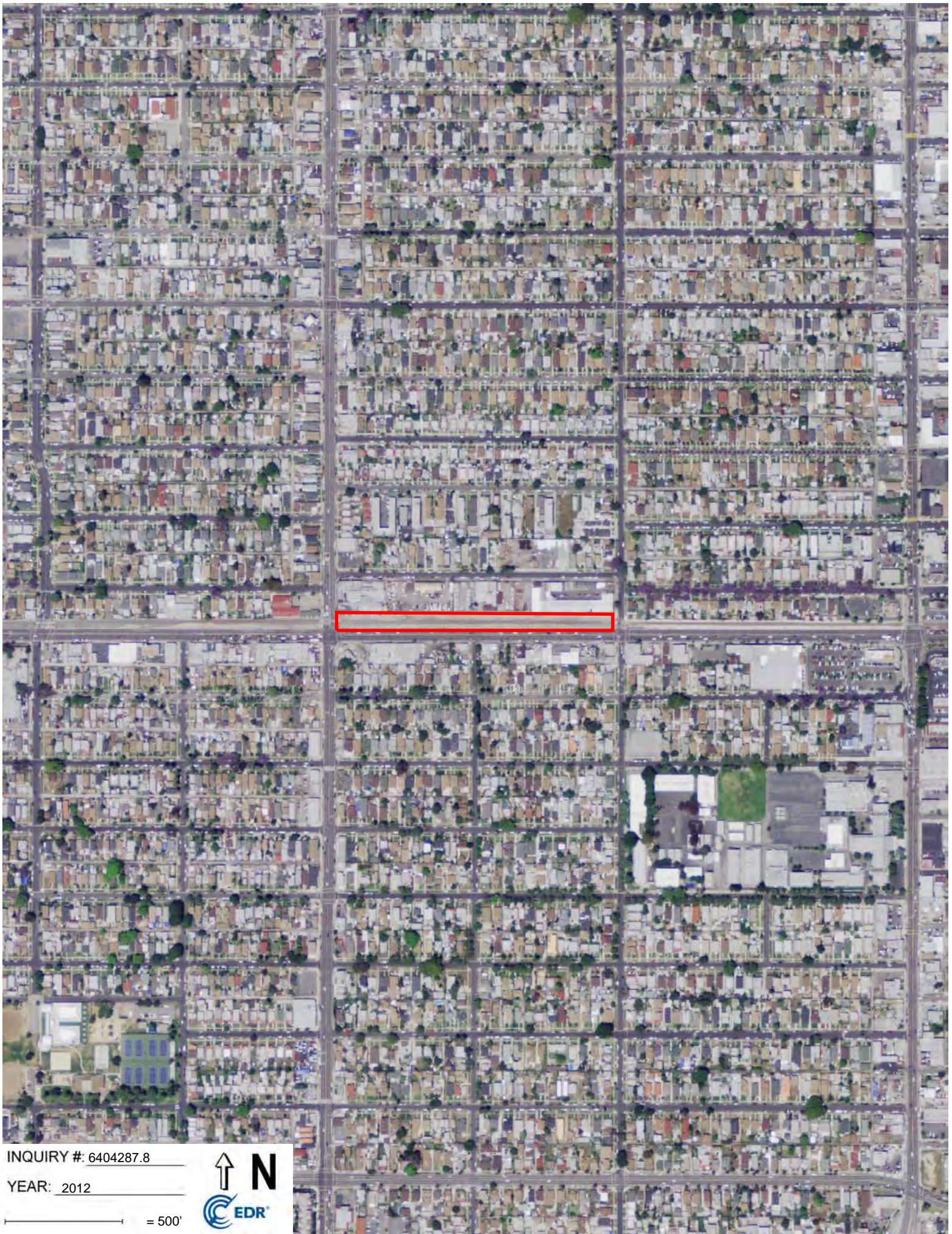
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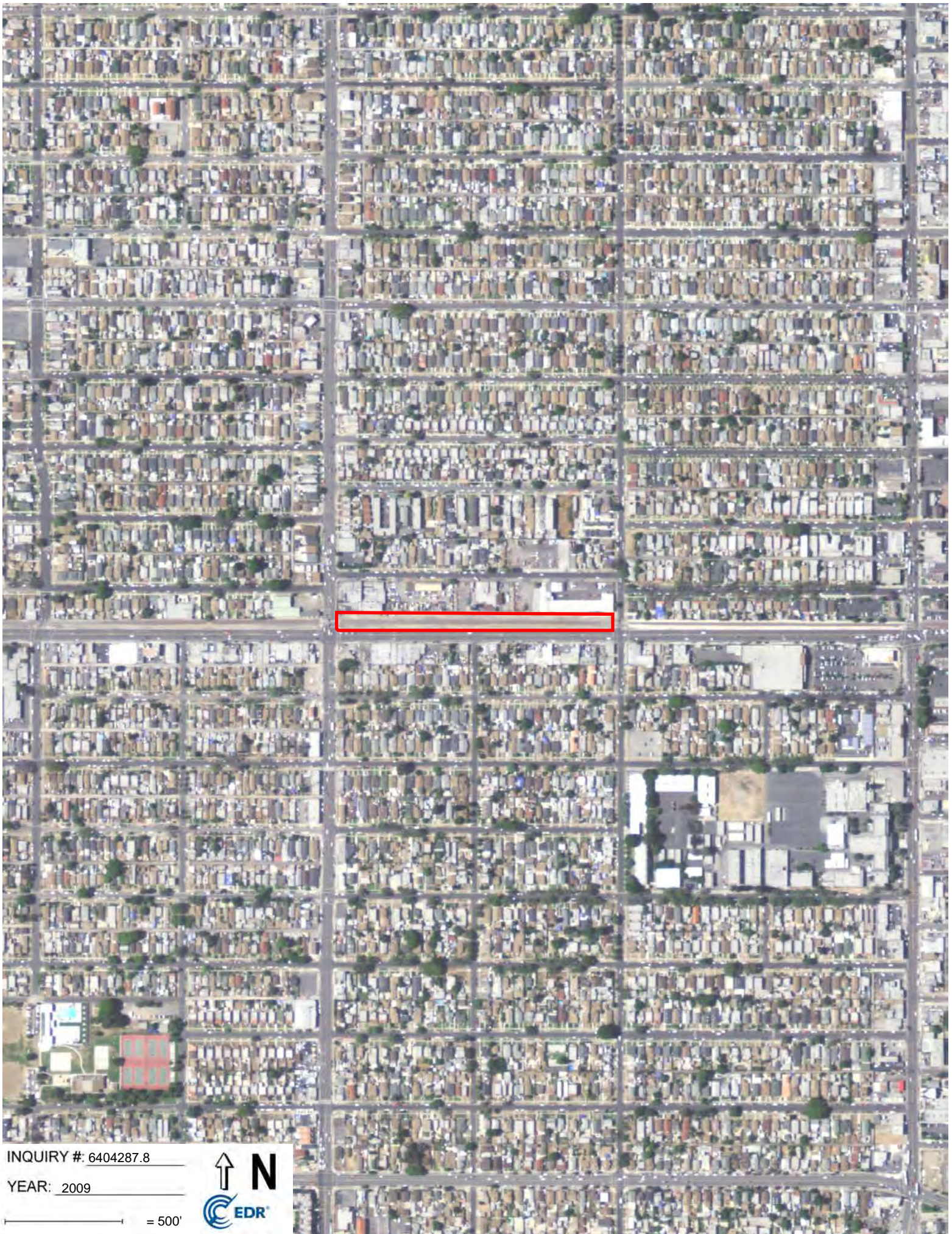
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YEAR: 2012

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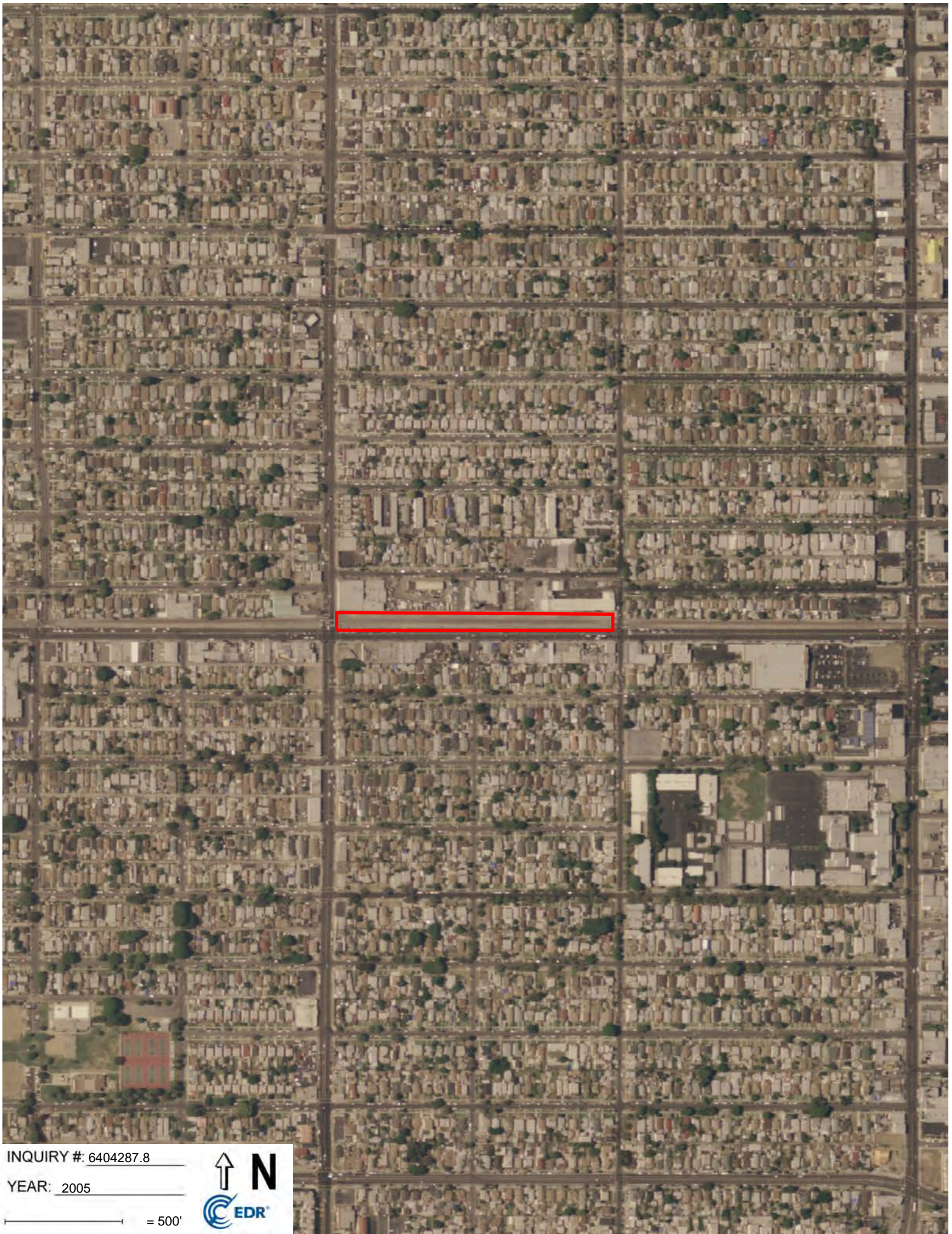
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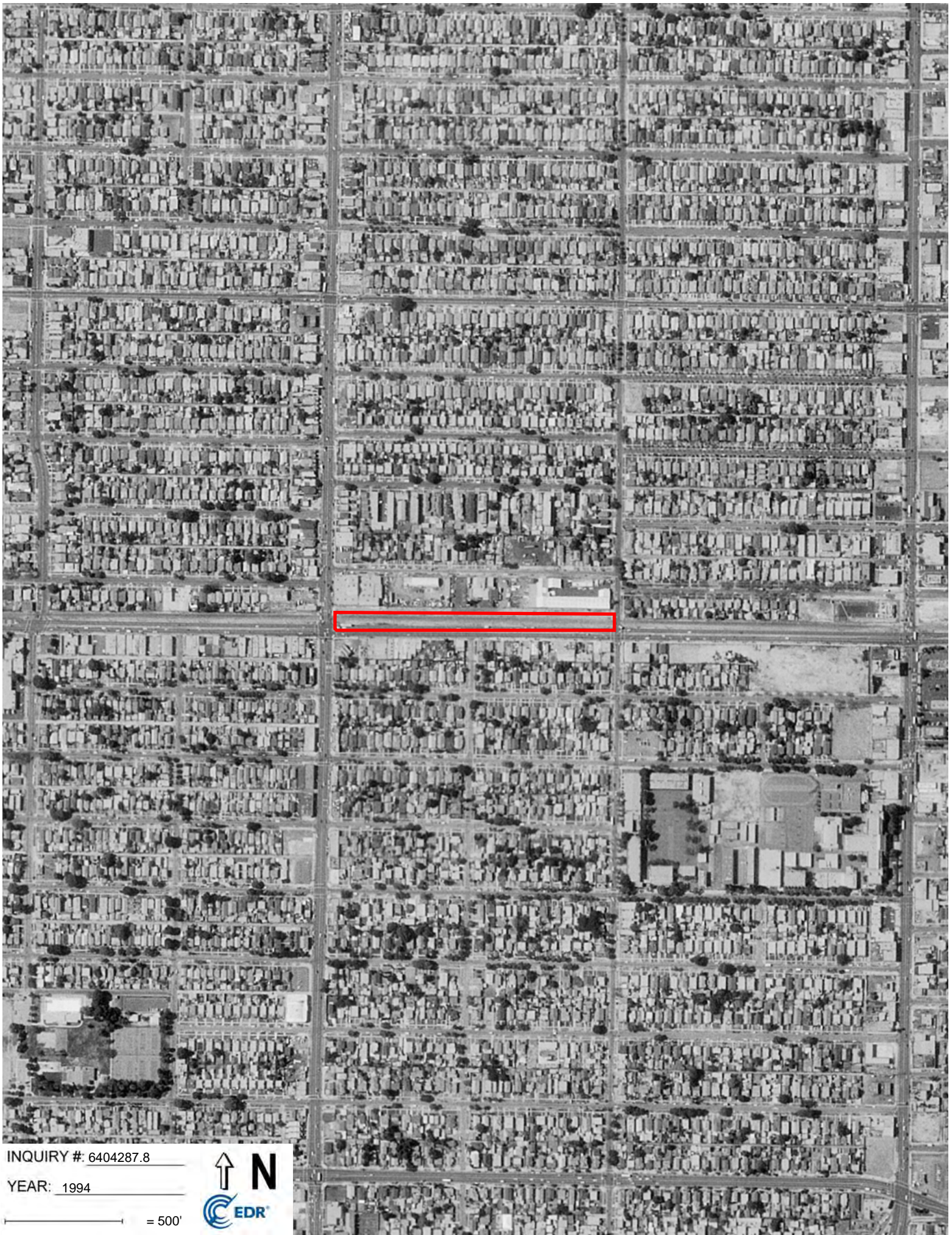
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YEAR: 1994

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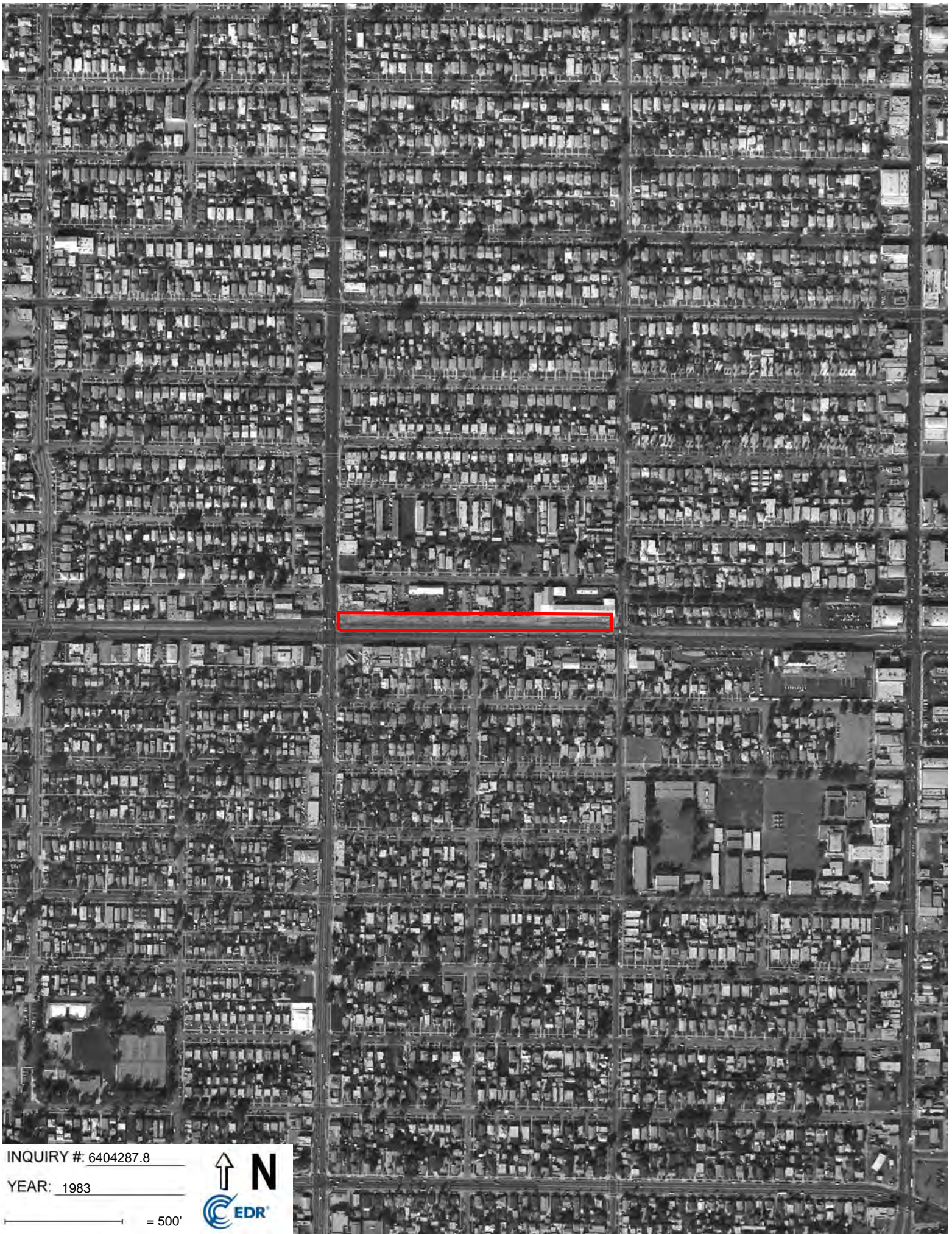
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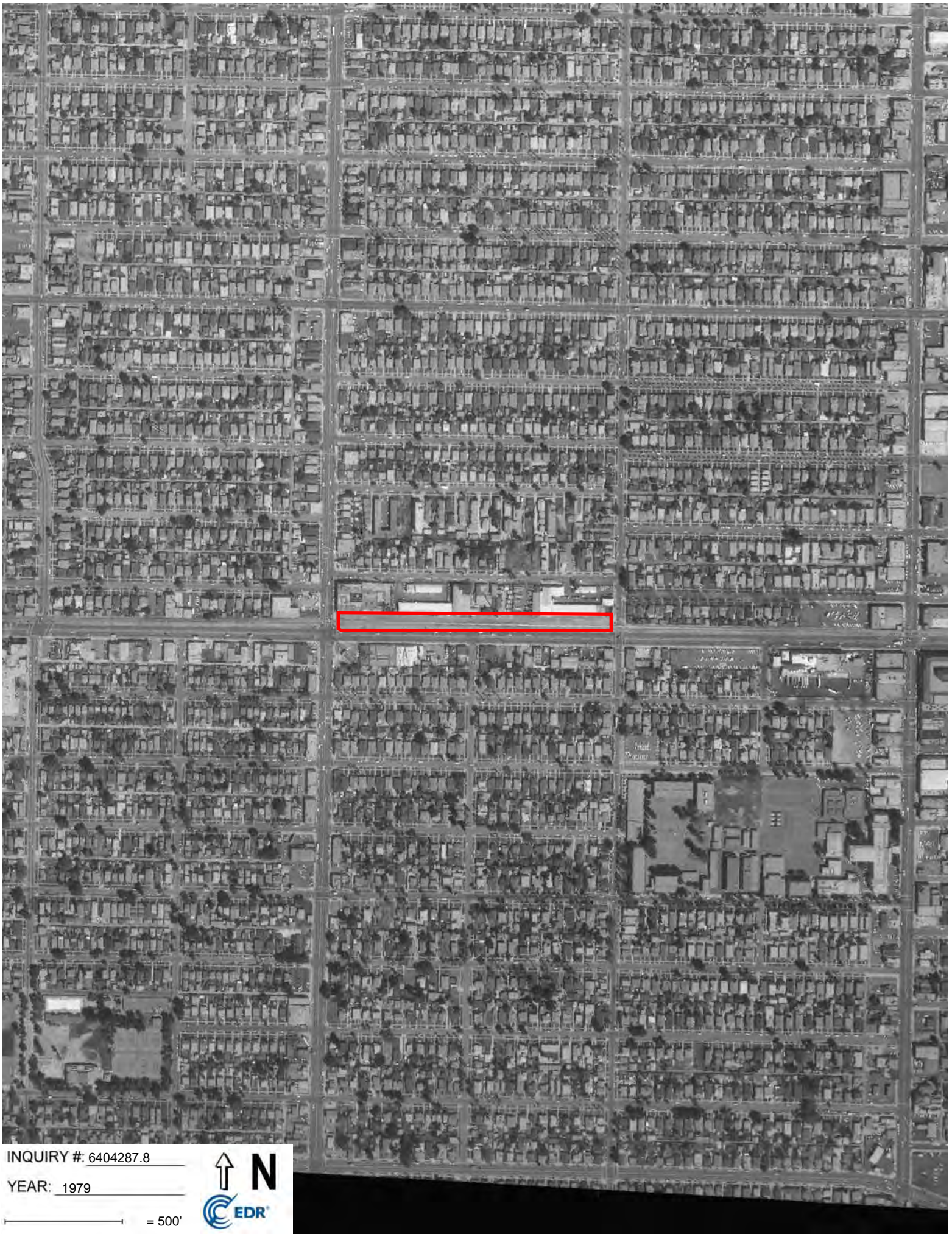
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YEAR: 1983

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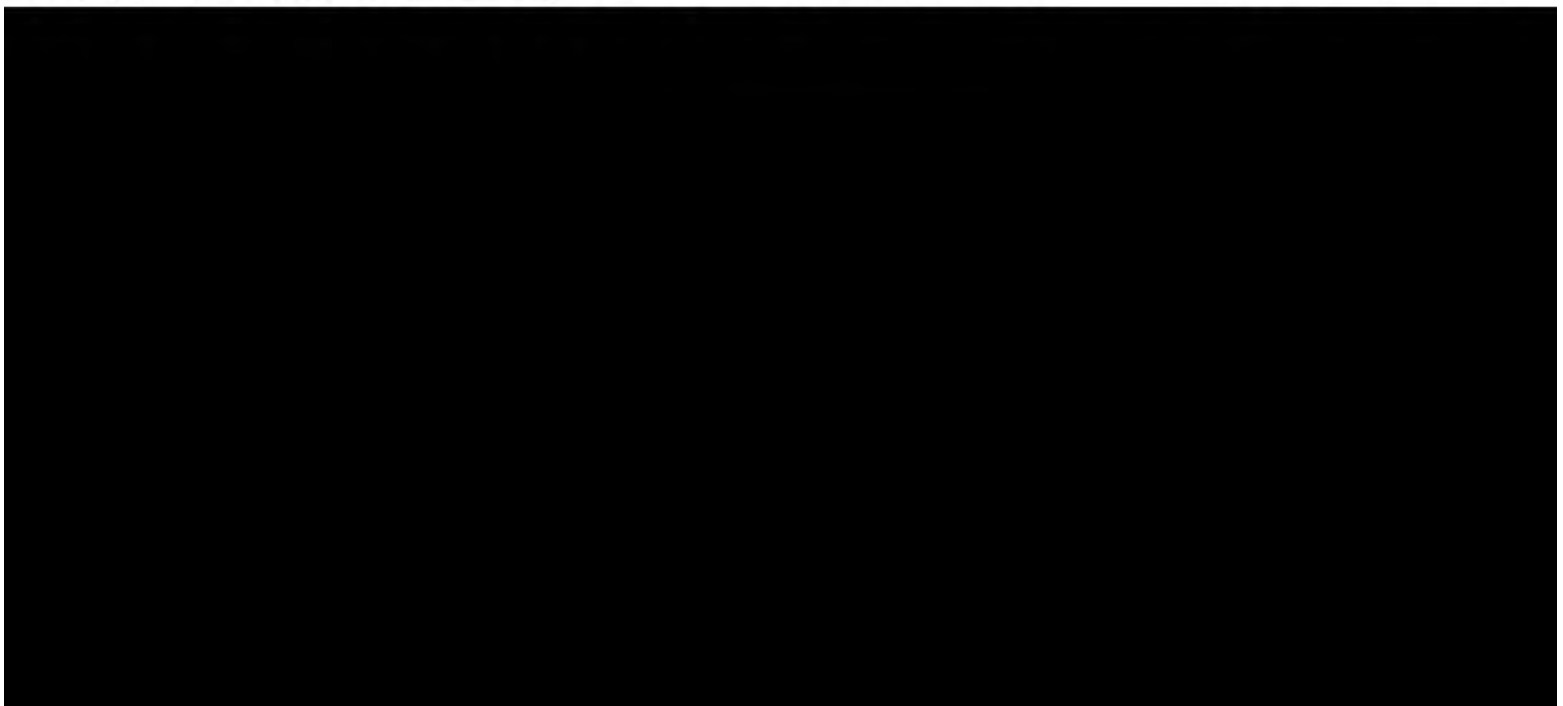
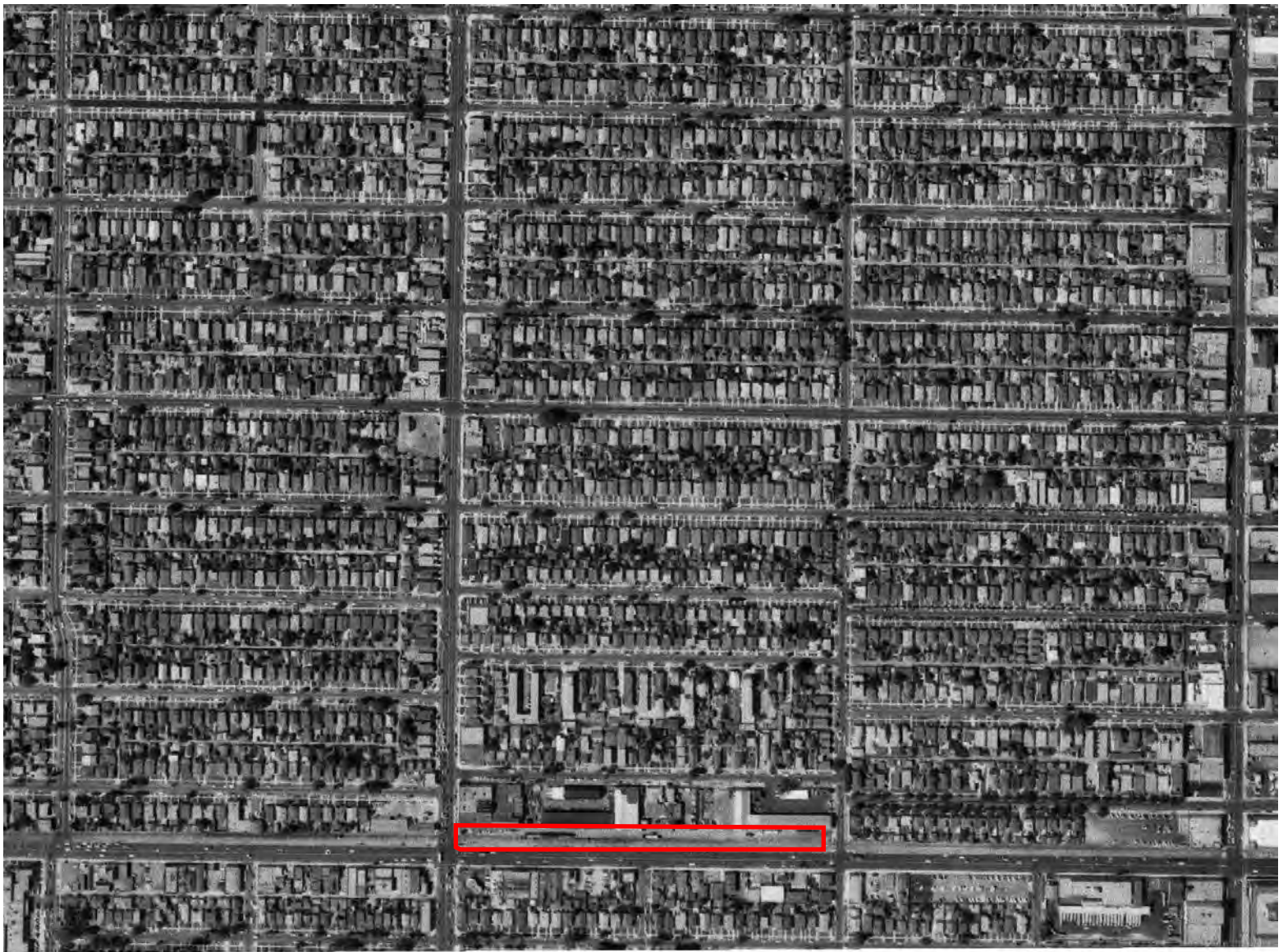
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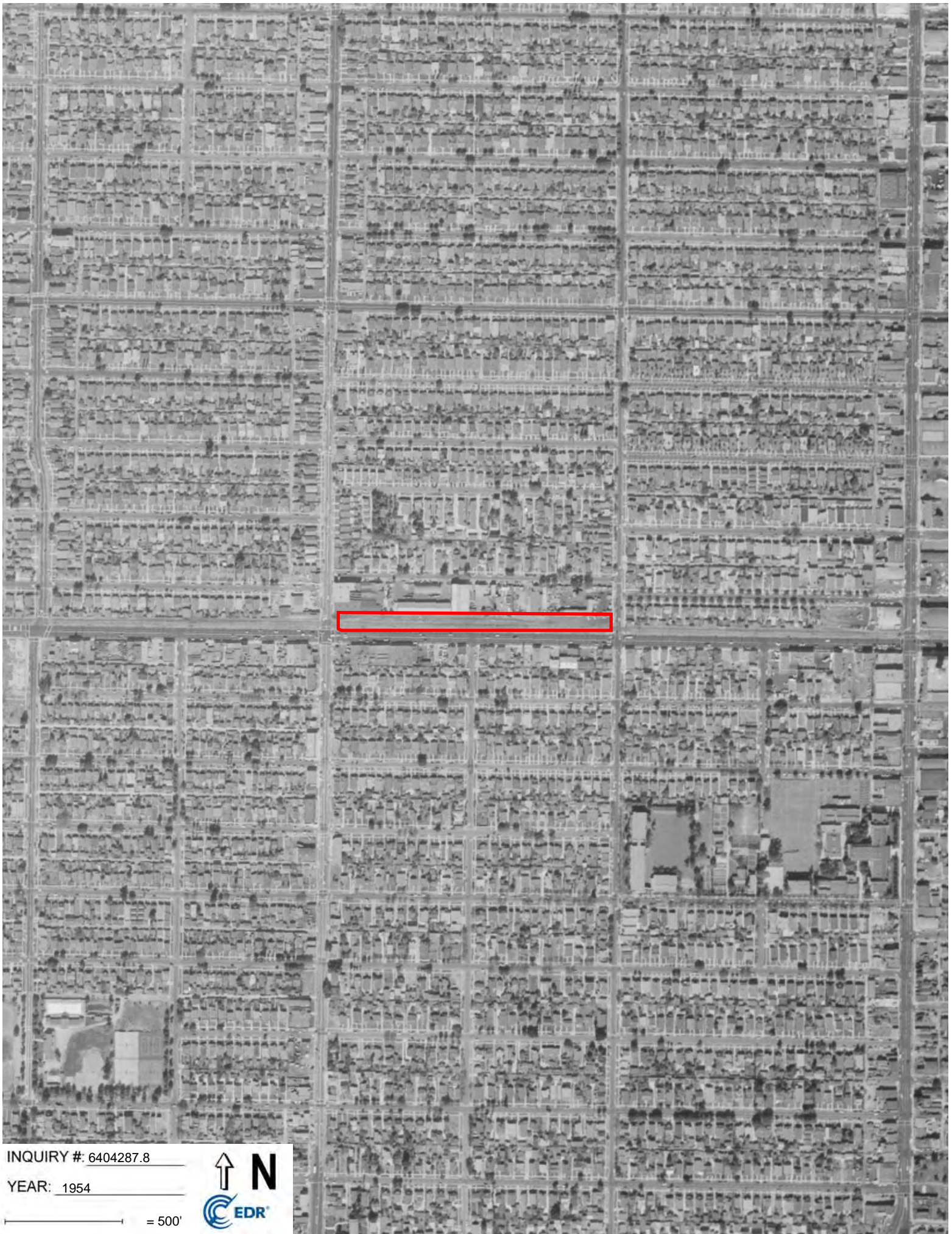
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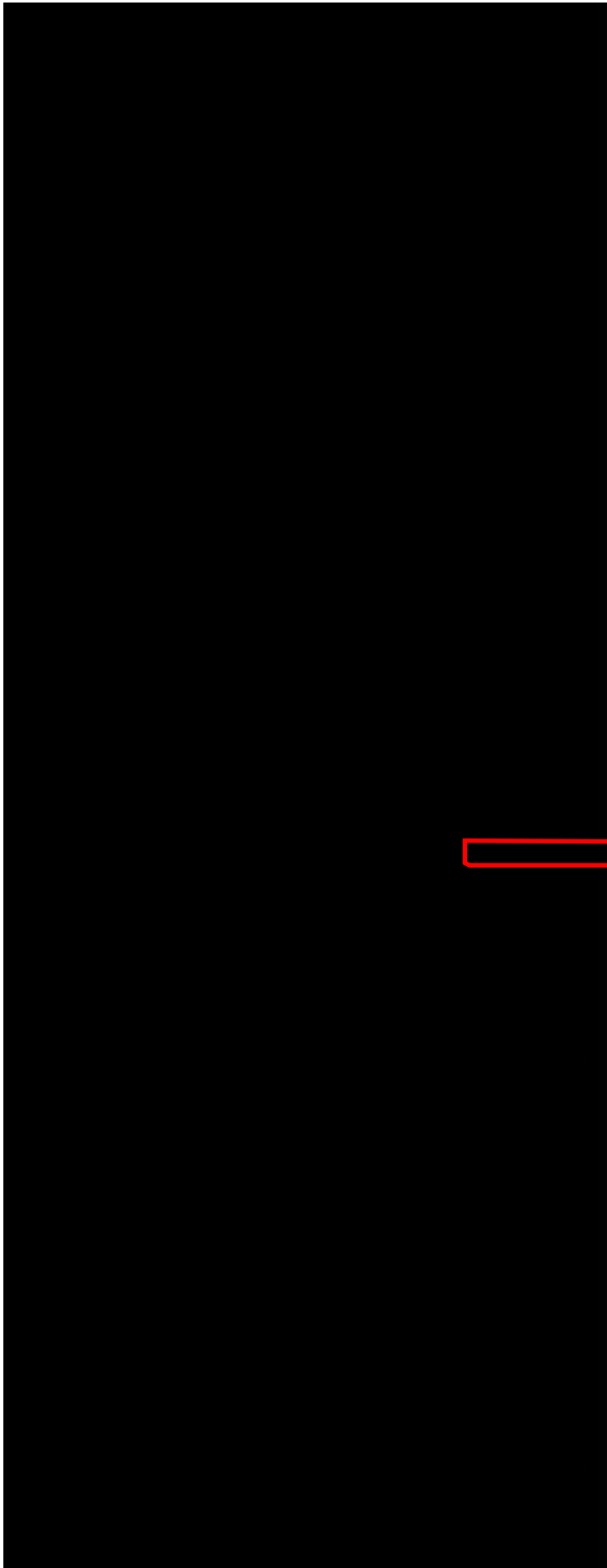
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YEAR: 1954

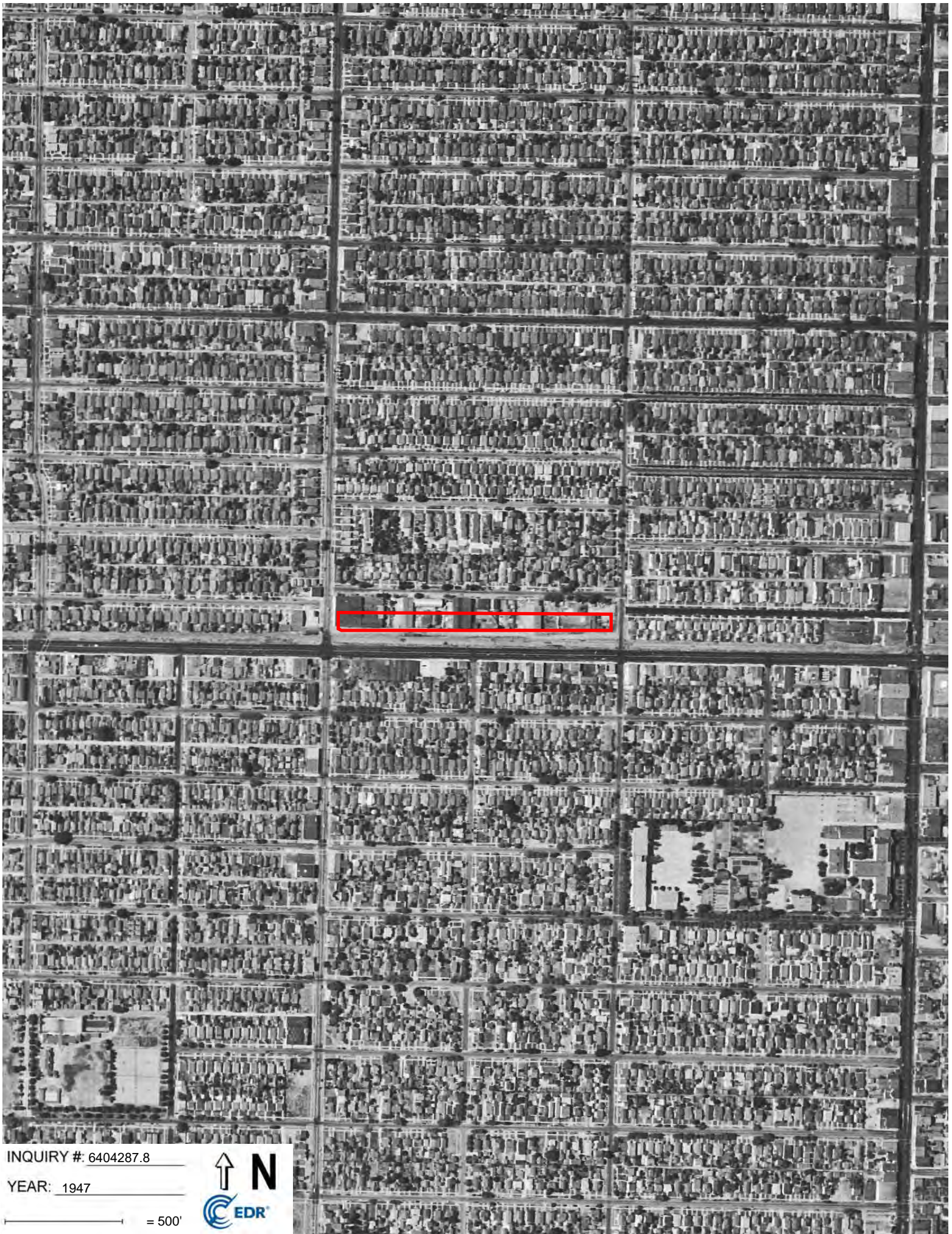
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INQUIRY #: 6404287.8

YEAR: 1947

— = 500'







INQUIRY #: 6404287.8

YEAR: 1938

— = 500'







INQUIRY #: 6404287.8

YEAR: 1928

— = 500'







INQUIRY #: 6404287.8

YEAR: 1923

— = 500'



5820 Normandie Ave  
5820 Normandie Ave  
Los Angeles, CA 90044

Inquiry Number: 6404287.4

March 12, 2021

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

03/12/21

**Site Name:**

5820 Normandie Ave  
5820 Normandie Ave  
Los Angeles, CA 90044  
EDR Inquiry # 6404287.4

**Client Name:**

Ninyo & Moore  
475 Goddard  
Irvine, CA 92618  
Contact: Patrick Cullip

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Ninyo & Moore were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	209403019	<b>Latitude:</b>	33.989314 33° 59' 22" North
<b>Project:</b>	Slauson Connect Rec Center	<b>Longitude:</b>	-118.298018 -118° 17' 53" West
		<b>UTM Zone:</b>	Zone 11 North
		<b>UTM X Meters:</b>	380111.97
		<b>UTM Y Meters:</b>	3761730.40
		<b>Elevation:</b>	142.00' above sea level

**Maps Provided:**

2012	1930
1981	1924
1972	1923
1964, 1966	1896
1952, 1953	
1950	
1948	
1937	

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## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2012 Source Sheets

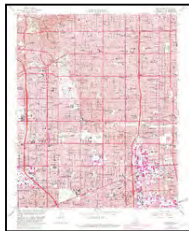


Hollywood  
2012  
7.5-minute, 24000



Inglewood  
2012  
7.5-minute, 24000

### 1981 Source Sheets



Inglewood  
1981  
7.5-minute, 24000  
Aerial Photo Revised 1978



Hollywood  
1981  
7.5-minute, 24000  
Aerial Photo Revised 1978

### 1972 Source Sheets



Inglewood  
1972  
7.5-minute, 24000  
Aerial Photo Revised 1972



Hollywood  
1972  
7.5-minute, 24000  
Aerial Photo Revised 1972

### 1964, 1966 Source Sheets



Inglewood  
1964  
7.5-minute, 24000  
Aerial Photo Revised 1963



Hollywood  
1966  
7.5-minute, 24000  
Aerial Photo Revised 1964



## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1952, 1953 Source Sheets



Inglewood  
1952  
7.5-minute, 24000  
Aerial Photo Revised 1947



Hollywood  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1952

### 1950 Source Sheets



Inglewood  
1950  
7.5-minute, 24000  
Aerial Photo Revised 1947

### 1948 Source Sheets



Inglewood  
1948  
7.5-minute, 24000

### 1937 Source Sheets



Watts  
1937  
7.5-minute, 24000

## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

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7.5-minute, 24000

### 1924 Source Sheets



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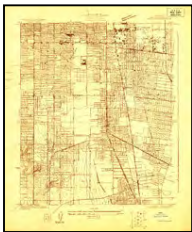


Inglewood  
1924  
7.5-minute, 24000



Hollywood  
1924  
7.5-minute, 24000

### 1923 Source Sheets

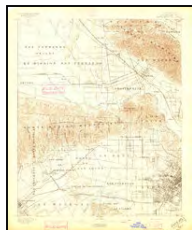


Watts  
1923  
7.5-minute, 24000

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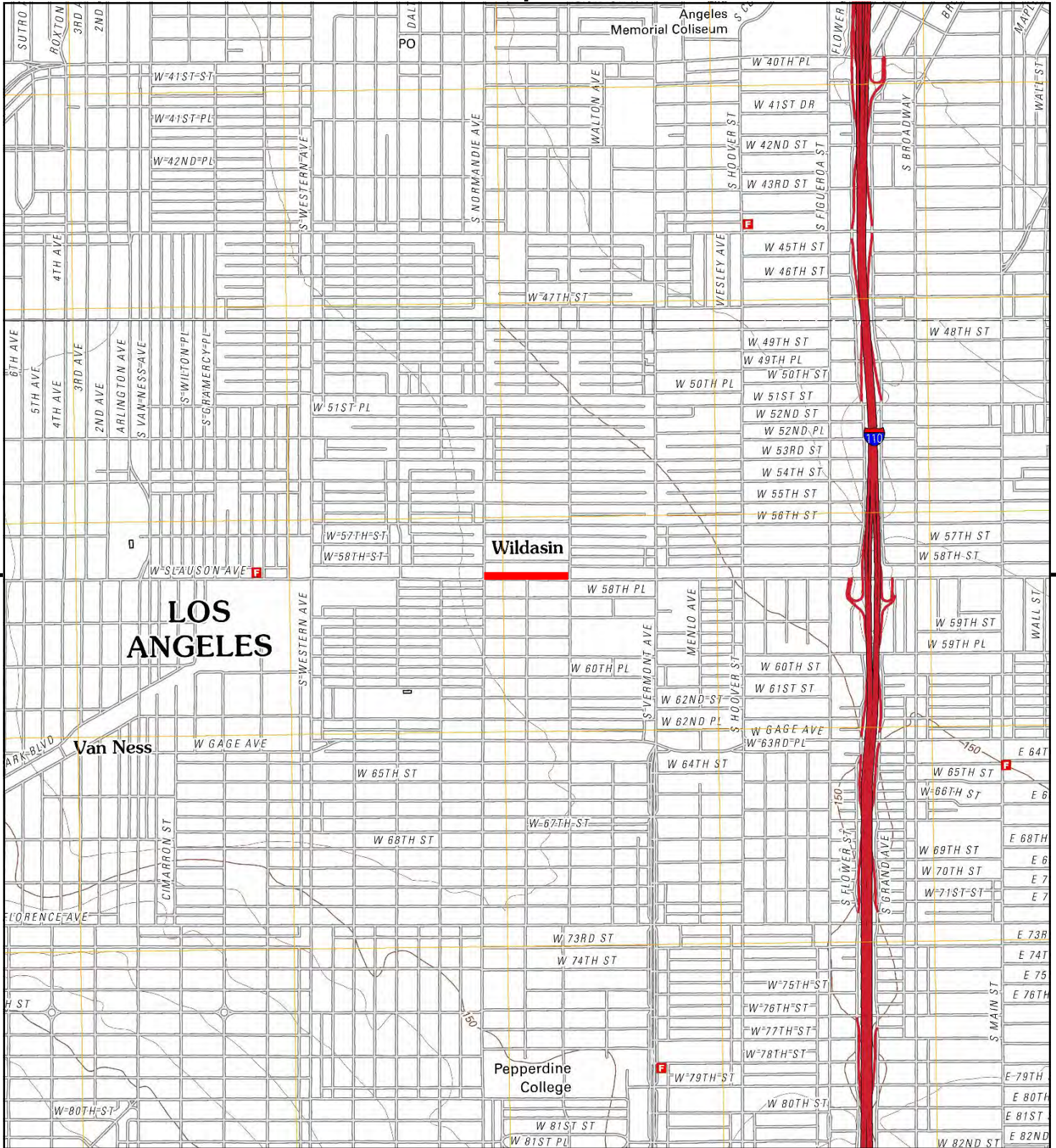


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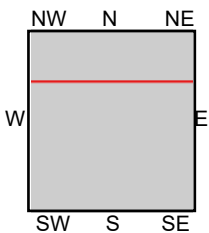


Santa Monica  
1896  
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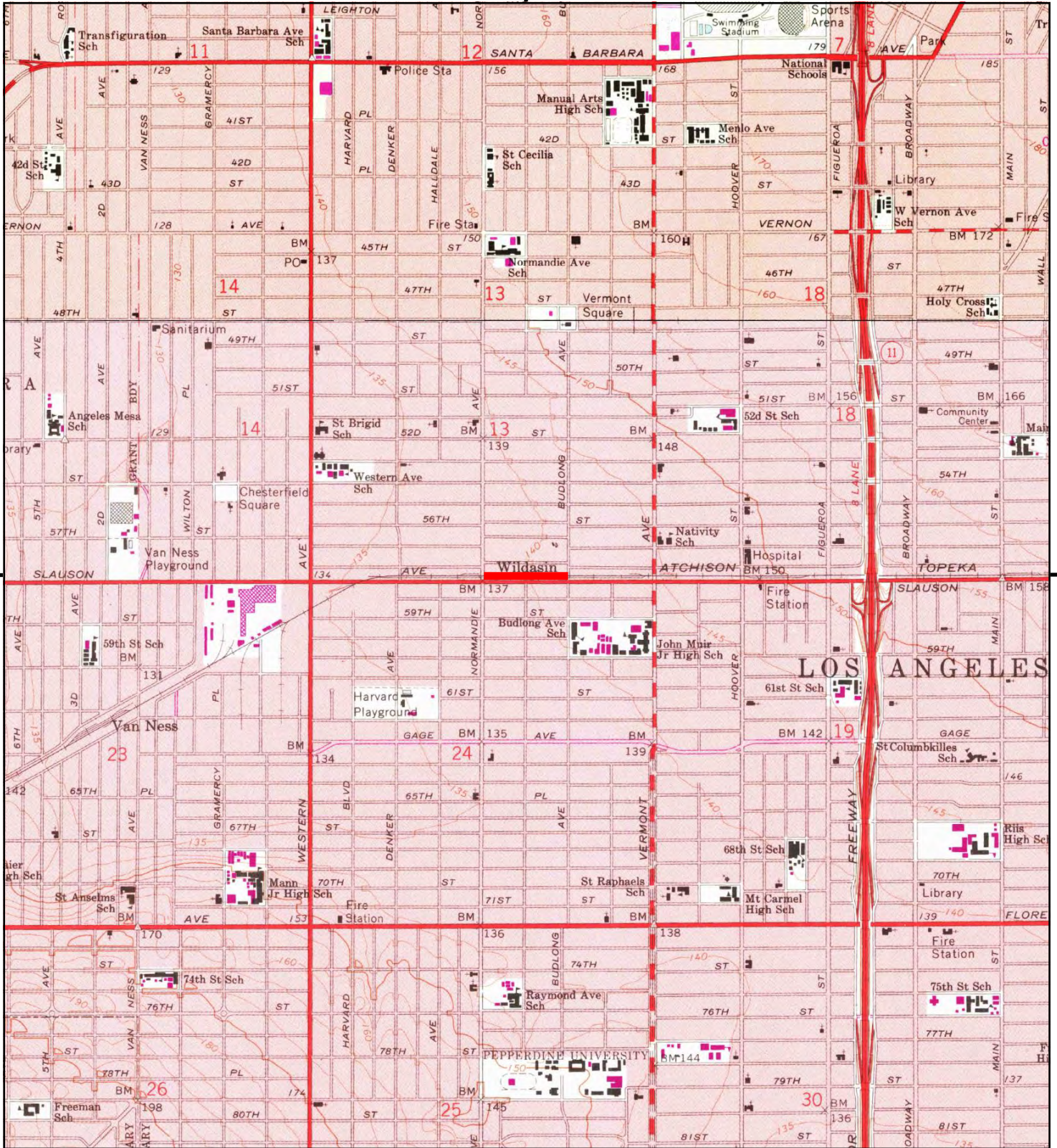


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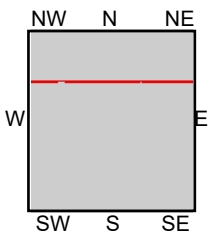
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**ADDRESS:** 5820 Normandie Ave  
 Los Angeles, CA 90044  
**CLIENT:** Ninyo & Moore







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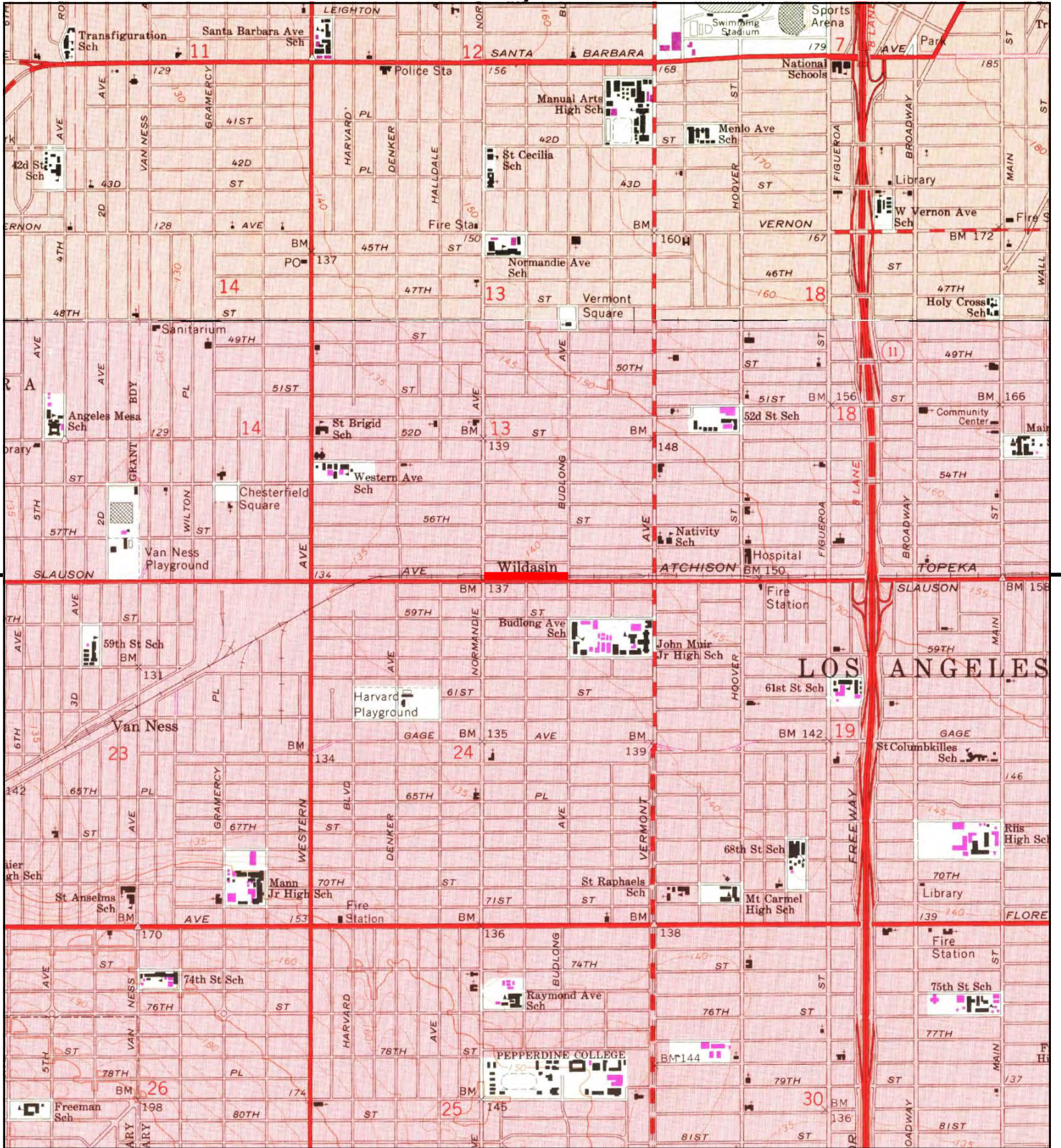


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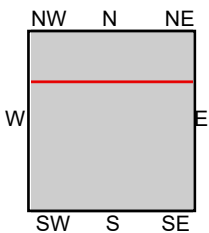
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ADDRESS: 5820 Normandie Ave  
Los Angeles, CA 90044  
CLIENT: Ninyo & Moore







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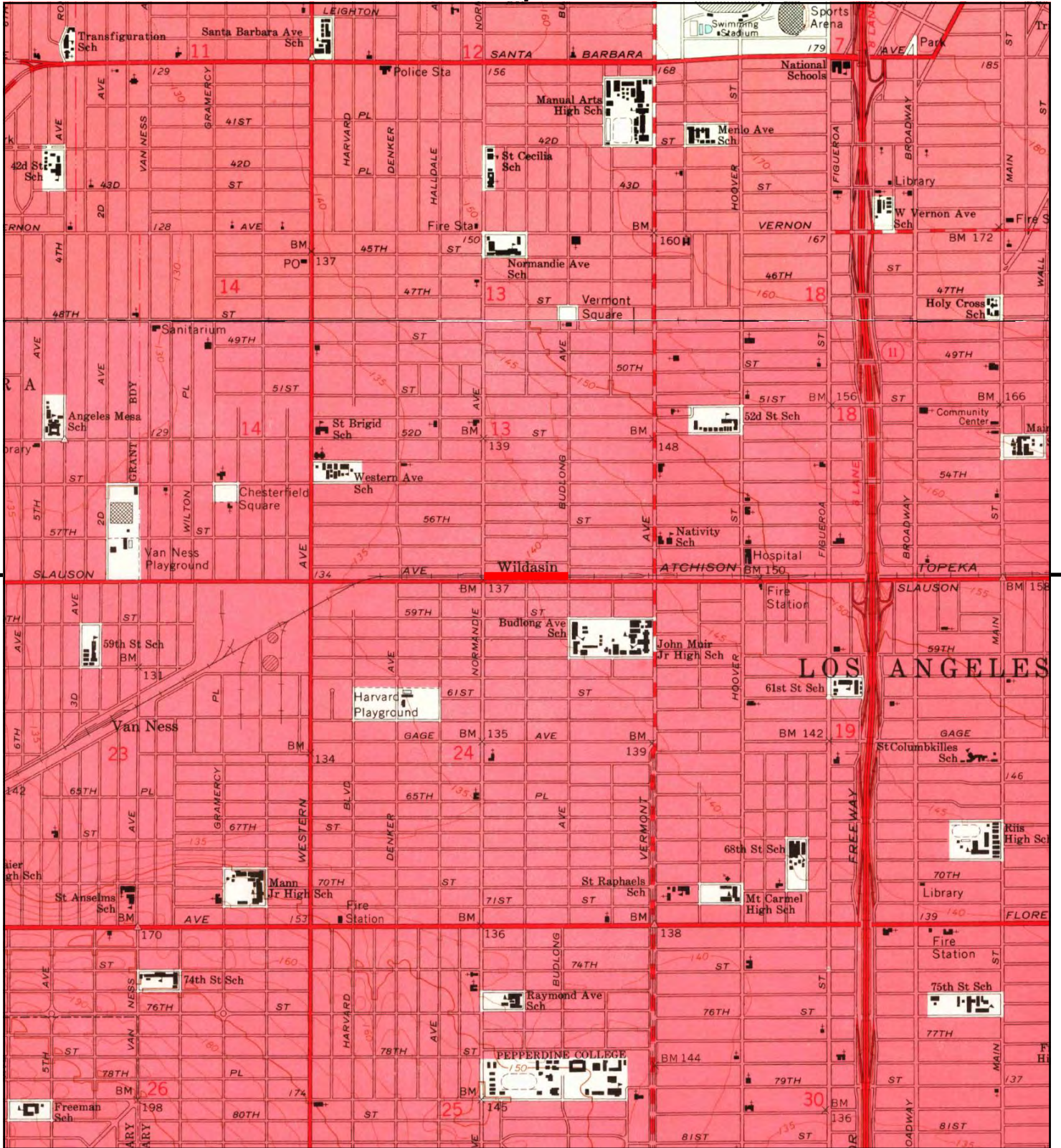


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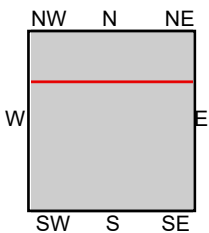
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ADDRESS: 5820 Normandie Ave  
Los Angeles, CA 90044  
CLIENT: Ninyo & Moore







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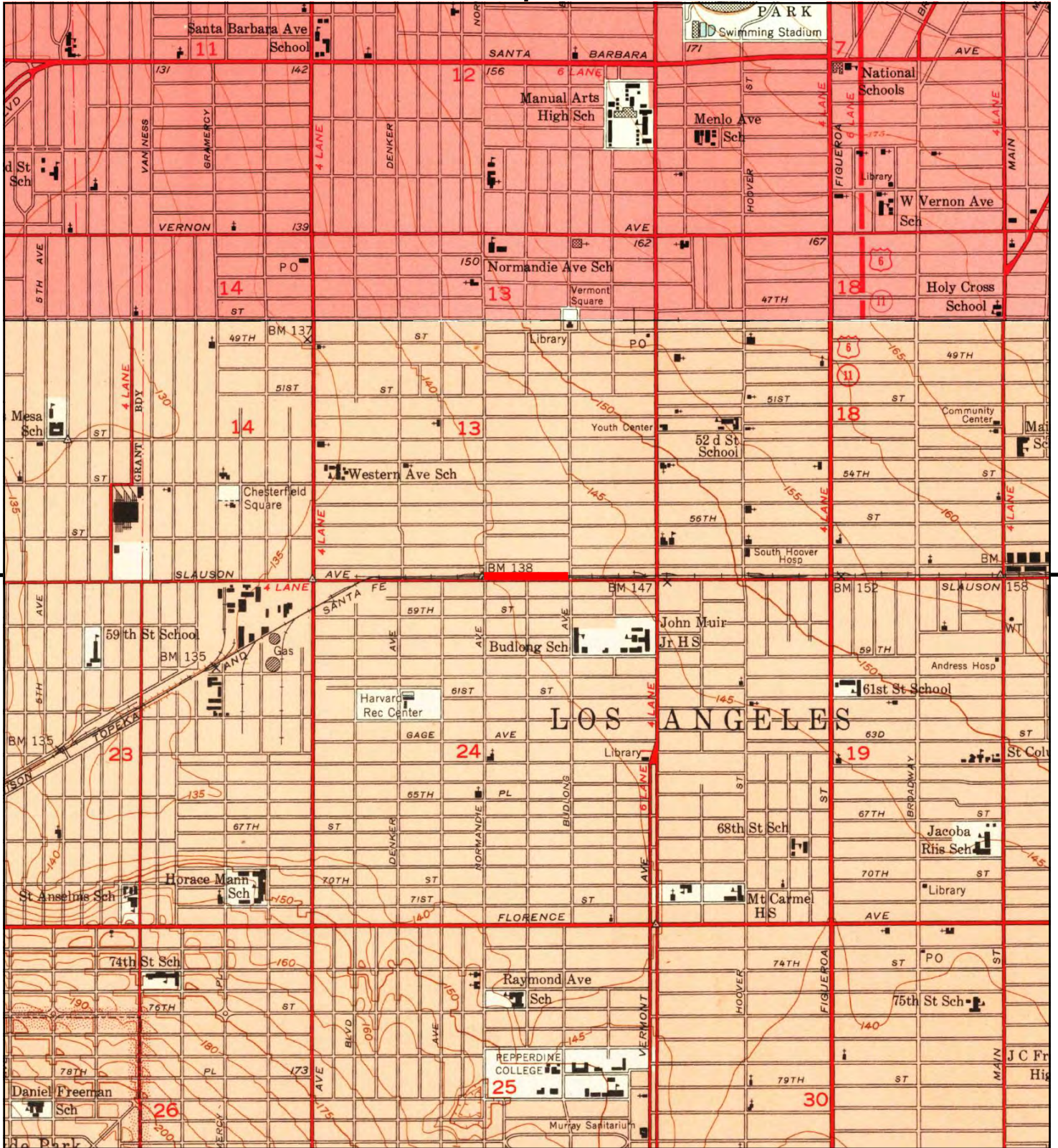


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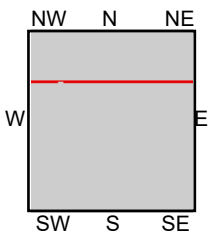
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ADDRESS: 5820 Normandie Ave  
Los Angeles, CA 90044  
CLIENT: Ninyo & Moore







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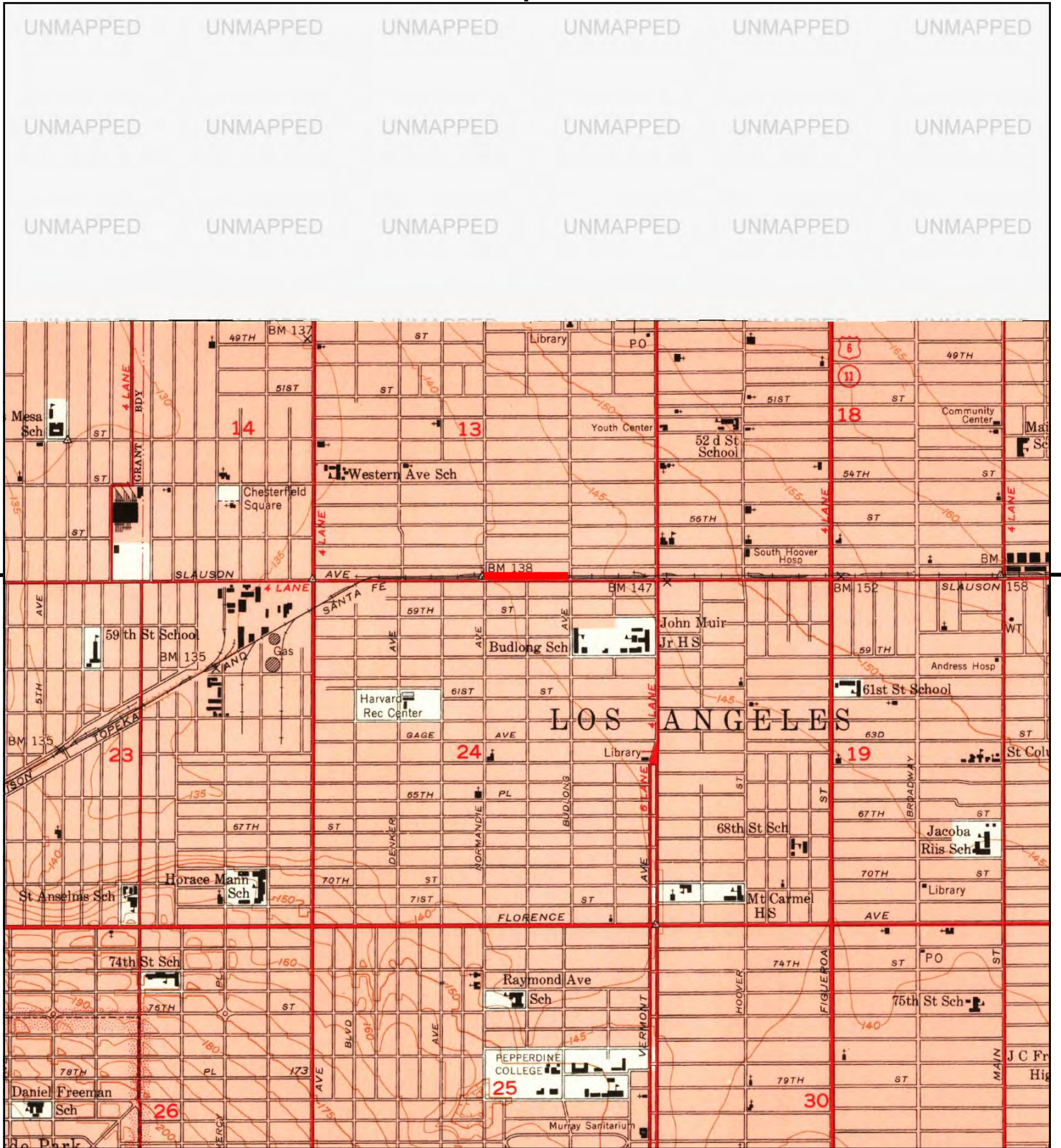


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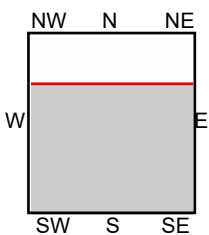
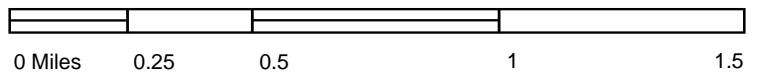
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Los Angeles, CA 90044  
CLIENT: Ninyo & Moore







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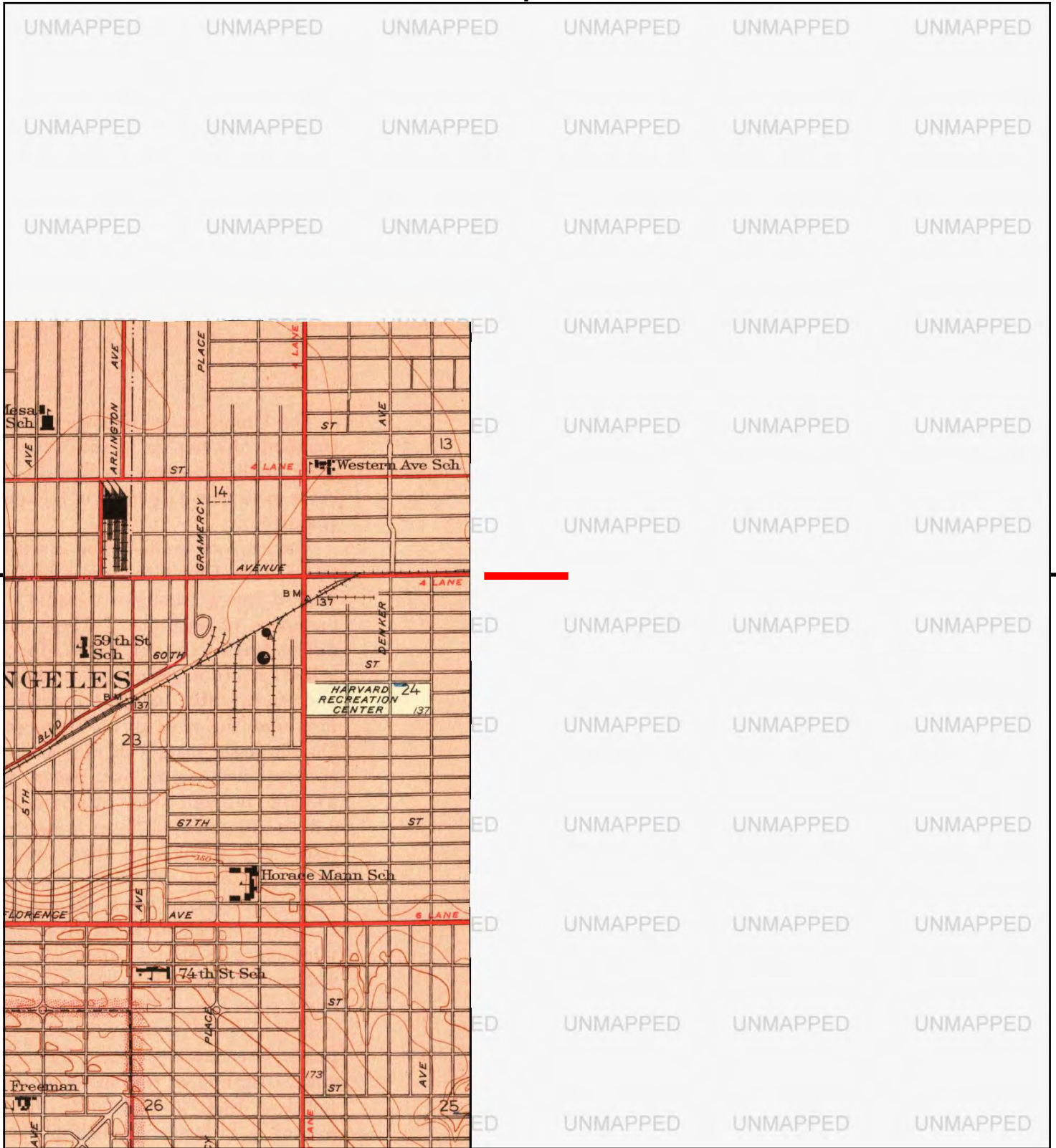


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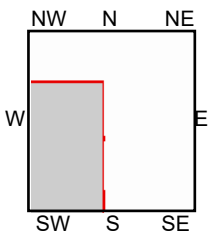
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 ADDRESS: 5820 Normandie Ave  
 Los Angeles, CA 90044  
 CLIENT: Ninyo & Moore







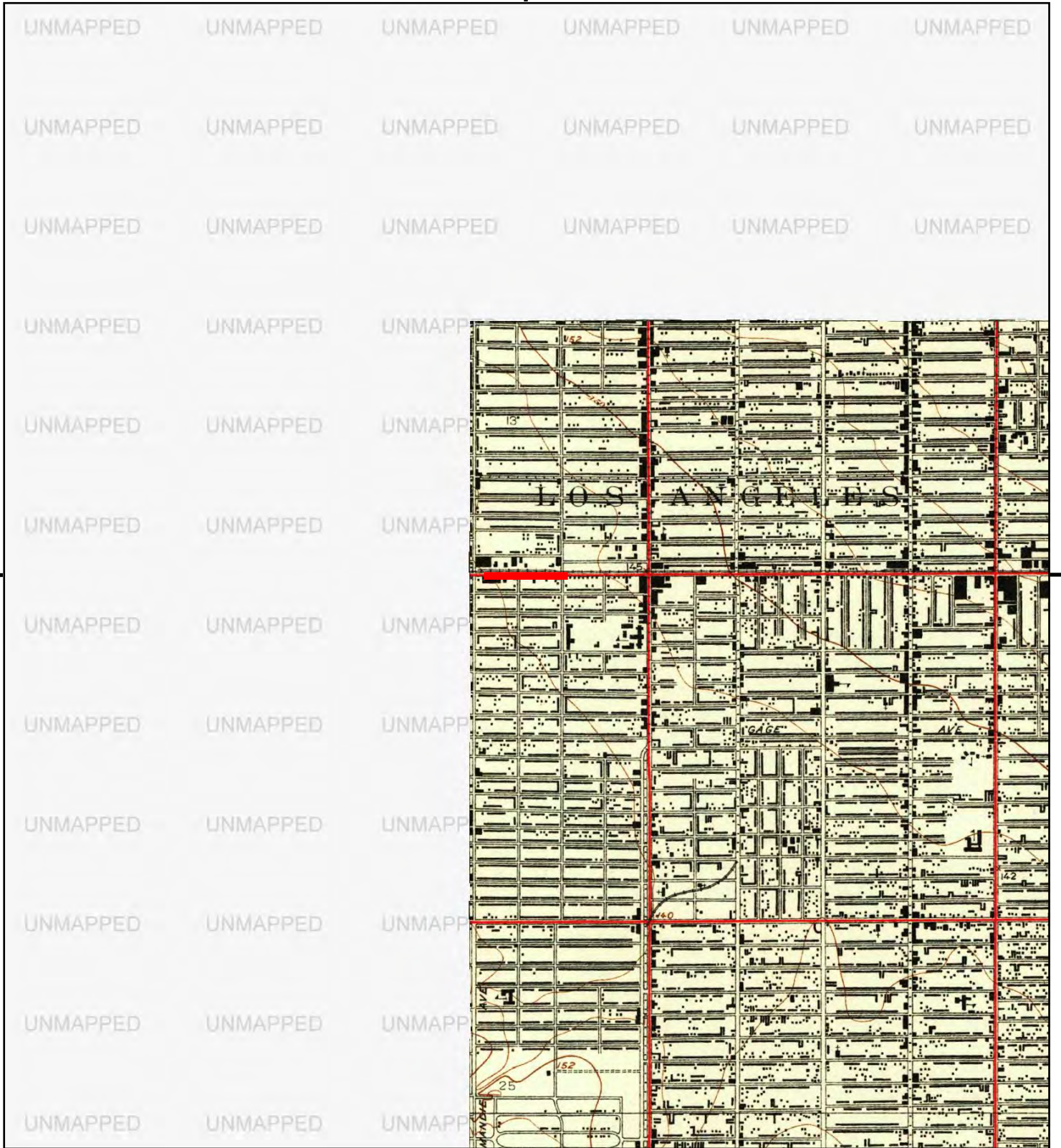
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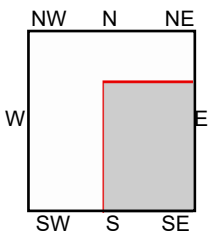
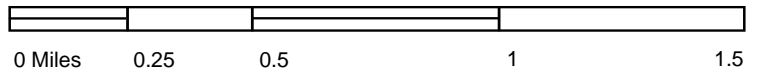
SW, Inglewood, 1948, 7.5-minute

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 ADDRESS: 5820 Normandie Ave  
 Los Angeles, CA 90044  
 CLIENT: Ninyo & Moore





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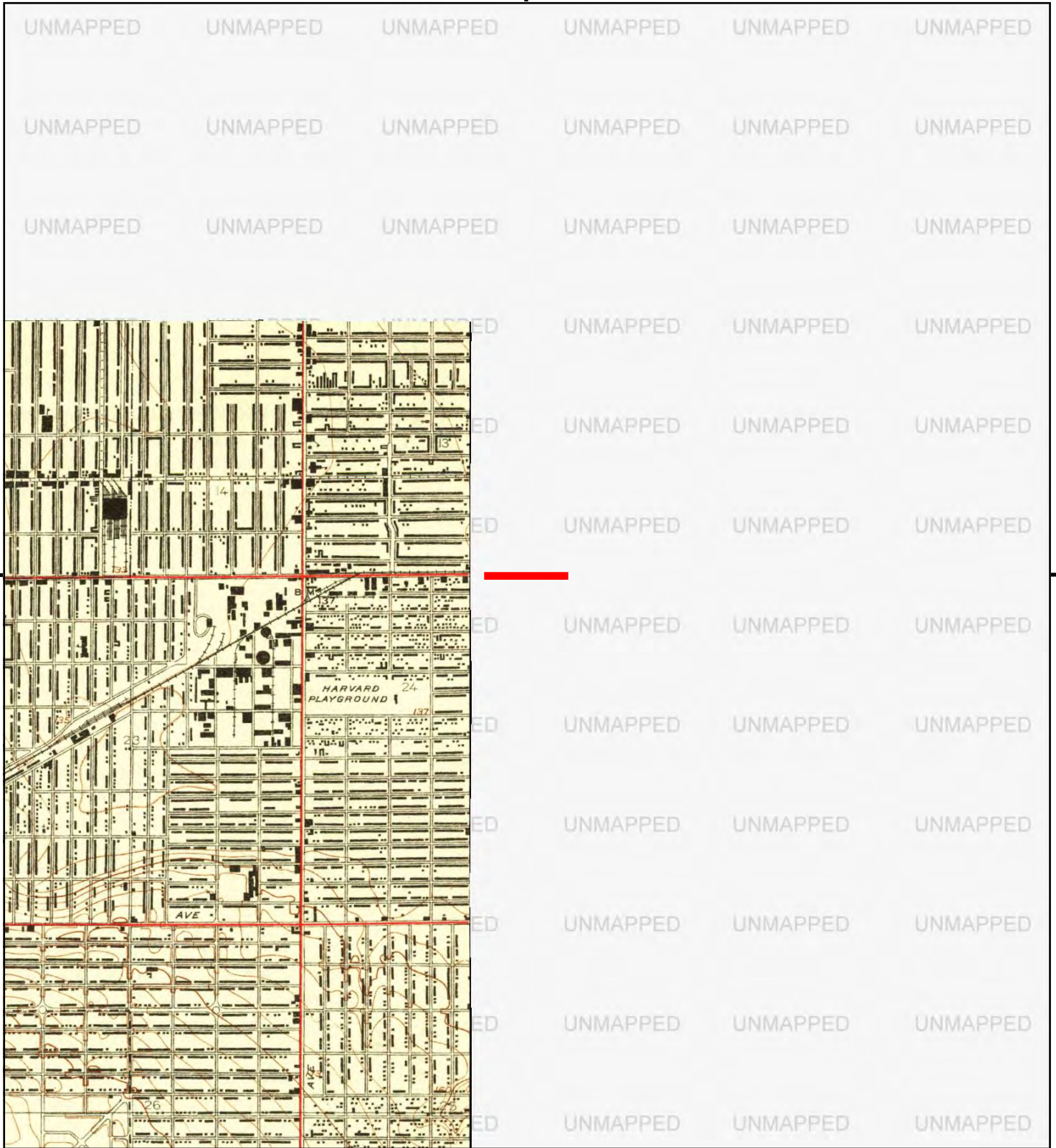


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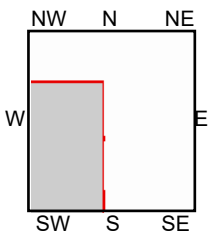
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Los Angeles, CA 90044  
CLIENT: Ninyo & Moore







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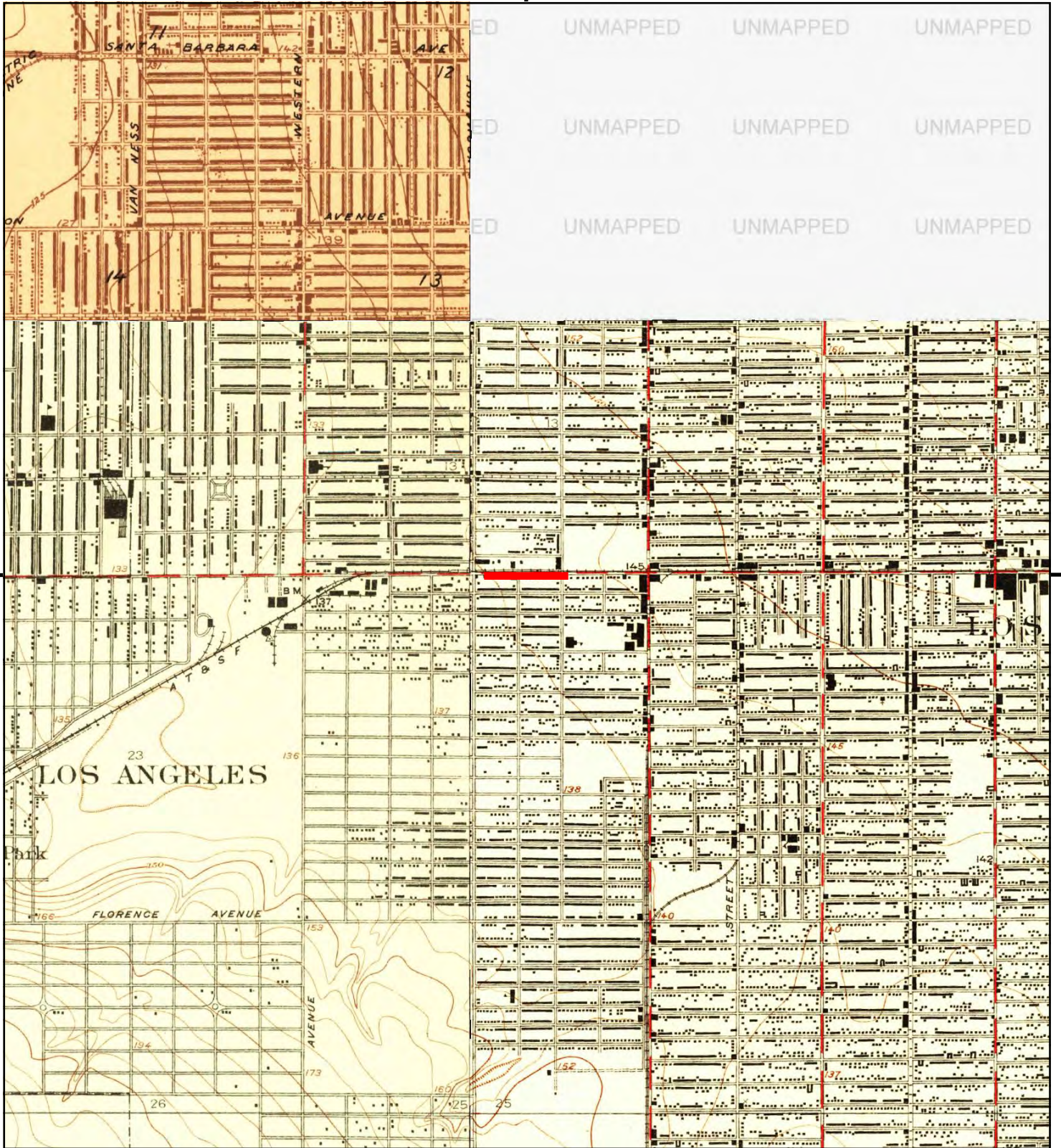


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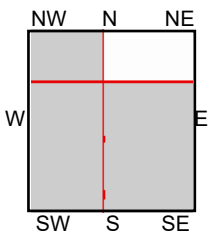
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 Los Angeles, CA 90044  
 CLIENT: Ninyo & Moore







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 NW, Hollywood, 1924, 7.5-minute

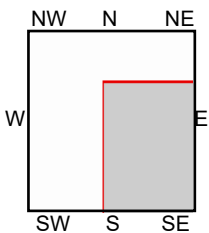
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**ADDRESS:** 5820 Normandie Ave  
 Los Angeles, CA 90044  
**CLIENT:** Ninyo & Moore







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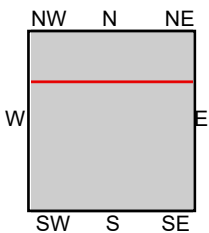
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 Los Angeles, CA 90044  
 CLIENT: Ninyo & Moore







This report includes information from the following map sheet(s).



TP, Redondo, 1896, 15-minute  
 NW, Santa Monica, 1896, 15-minute

SITE NAME: 5820 Normandie Ave  
 ADDRESS: 5820 Normandie Ave  
 Los Angeles, CA 90044  
 CLIENT: Ninyo & Moore





# APPENDIX C

## User and Property Owner Provided Information

# Notice of Exemption

**To:** Office of Planning and Research  
P.O. Box 3044, Room 113  
Sacramento, CA 95812-3044

**From:** Los Angeles County Metropolitan Transportation Authority (Metro)  
One Gateway Plaza, MS 99-22-02  
Los Angeles, CA 90012

County Clerk  
County of Los Angeles  
12400 Imperial Highway  
Norwalk, CA 90650

**Project Title:** Metro Rail to Rail Active Transportation Corridor – Segment A

**Project Applicant:** Los Angeles County Metropolitan Transportation Authority

**Project Location - Specific:**

The Project would extend from the Crenshaw/LAX Fairview Heights Light Rail Station in the City of Inglewood through the City of Los Angeles, Florence-Graham (an unincorporated area of Los Angeles County), the City of Vernon, to the Harbor Subdivision right-of-way (ROW)/Santa Fe Avenue intersection in the City of Huntington Park. The western portion of the Project (approximately 0.5 miles in length) would be within the City of Los Angeles and City of Inglewood public street ROW while the remaining 5.9 miles would be located within the Metro-owned Harbor Subdivision ROW.

The Project would start at the western terminus (i.e., Crenshaw/LAX Fairview Heights Light Rail Station) and travel north on West Boulevard until it meets 67<sup>th</sup> Street. The sidewalk and parkway on the west side of West Boulevard is within the City of Inglewood, while the street, parkway, and sidewalk on the east side of West Boulevard are within the City of Los Angeles. At 67<sup>th</sup> Street, the Project would travel east until the street meets 11<sup>th</sup> Avenue and the Harbor Subdivision ROW. From there, the Project would travel northeast within the Harbor Subdivision ROW. After the ROW crosses Slauson Avenue (east of Western Avenue), the Project would travel east to its eastern terminus, which is located just north of the Slauson Avenue/Santa Fe Avenue intersection in the City of Huntington Park.

**Project Location - City:** Cities of Inglewood, Los Angeles, Vernon, and Huntington Park; Unincorporated Florence-Graham community of Los Angeles County

**Project Location - County:** Los Angeles County

**Description of Nature, Purpose and Beneficiaries of Project:**

The Project would install on- and off-street bicycle and pedestrian/multi-purpose paths within the existing street and Metro-owned ROW. The Project would use existing sidewalks and extend existing Class II bicycle lanes on West Boulevard. On 67<sup>th</sup> Street, the Project would use the existing sidewalks and will designate the street as a Class III bicycle route. Street markings would be provided and bike route signs would be installed along the parkways of 67<sup>th</sup> Street. The City of Los Angeles 2010 Bicycle Plan identifies West Boulevard and 67<sup>th</sup> Street within the Project corridor as designated bikeways and bicycle friendly streets. This Plan also identifies the streets as part of a neighborhood bikeway network. At the Harbor Subdivision ROW (between 67<sup>th</sup> Street and Santa Fe Avenue), the Project would create two-way Class I bike paths and a separate pedestrian/multi-purpose pathway.

The purpose of the Project is to provide safe dedicated walking and cycling transportation options to promote healthy neighborhoods and linkages between local communities, schools, shopping, employment centers, transit hubs, and other key destinations. It would facilitate opportunities for improved access to major transit facilities, such as the Metro Crenshaw/LAX Light Rail Transit Line, the Harbor Transit Way, the Metro Blue Line, and various rapid and local bus lines. The Project would also remove a prominent social equity barrier within the South Los Angeles community with new and improved access for pedestrians, cyclists, and transit riders traveling to and from schools, jobs, health care providers, as well as religious, commercial and cultural institutions.

Beneficiaries of the Project include residents and employees who live and/or work within the vicinity of the Project Corridor. The area surrounding the Project Corridor has a high proportion of residents who are transit dependent and rely on walking and bicycling for both work commuting and daily life activities.

**Name of Public Agency Approving Project:** Los Angeles County Metropolitan Transportation Authority

**Name of Person or Agency Carrying Out Project:** Los Angeles County Metropolitan Transportation Authority

THIS NOTICE WAS POSTED

ON April 28 2017

UNTIL May 30 2017

REGISTRAR – RECORDER/COUNTY CLERK



Dean C. Logan, Registrar – Recorder/County Clerk

Electronically signed by DOMINIQUE PERRY



**Exempt Status: (check one):**

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: Class 4, Section 15304(h)
- Statutory Exemptions. State code number: \_\_\_\_\_

**Reasons why project is exempt:**

The Project would create bicycle lanes and a pedestrian/multi-purpose path within the existing street and public ROW. The Project would not involve the removal of healthy, mature, scenic trees. The Project would have no impacts on traffic, air quality, noise, historical resources, or other impact categories. The Project would follow Metro standard practices and procedures in coordinating and complying with the regulatory permit requirements of the affected jurisdictions, as well as other requirements from the South Coast Air Quality Management District, California Public Utilities Commission, and the California Department of Toxic Substances Control Voluntary Cleanup Program. In addition, it is standard Metro practice to comply with local noise ordinances.

**Lead Agency**

Contact Person: EMMANUELA CS LIBAN Area Code/Telephone/Extension: 213/922-2471

**If filed by applicant:**

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project?  Yes  No

Signature:  Date: 04/27/17 Title: ED, ENV & SUST.

Signed by Lead Agency  Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code. Date Received for filing at OPR: \_\_\_\_\_  
 Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.



# Volume I

## Rail to Rail Active Transportation Corridor

Documentation for a Categorical Exclusion

April 2017



U.S. Department of Transportation  
Federal Transit Administration

In Association with:

Cityworks Design  
EFI Global  
Fehr & Peers

KPFF  
Rincon Consultants, Inc.  
Terry A. Hayes Associates Inc.

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## ABBREVIATIONS/ACRONYMS

AB.....	Assembly Bill
APE.....	Area of Potential Effects
ATC.....	Active Transportation Corridor
ATP.....	Active Transportation Program
ATSF.....	Atchison, Topeka, and Santa Fe Railway
BNSF.....	Burlington Northern Santa Fe Railway
CAC.....	Community Advisory Committee
CE.....	Categorical Exclusion
CEQ.....	Council on Environmental Quality
CEQA.....	California Environmental Quality Act
CCR.....	California Code of Regulations
CFR.....	Code of Federal Regulations
CHRIS.....	California Historical Resources Information System
CMP.....	Congestion Management Program
CO.....	Carbon Monoxide
CRHR.....	California Register of Historical Resources
dBa.....	Decibel
DASH.....	Downtown Area Short Hop
DOT.....	U.S. Department of Transportation
DTSC.....	Department of Toxic Substances Control
EA.....	Environmental Assessment
EIS.....	Environmental Impact Statements
FHWA.....	Federal Highway Administration
FTA.....	Federal Transit Administration
FTIP.....	Federal Transportation Improvement Program
HCM.....	Historic-Cultural Monument
HHS.....	U.S. Department of Health and Human Services
I-110.....	Interstate 110
LACTC.....	Los Angeles County Transportation Commission
LADWP.....	City of Los Angeles Department of Water and Power
LARWQCB.....	Los Angeles Regional Water Quality Control Board
LASD.....	Los Angeles County Sheriff's Department
LAX.....	Los Angeles International Airport
LED.....	Light Emitting Diode
L <sub>eq</sub> .....	Equivalent Noise Level

LOS .....	Level of Service
Metro .....	Los Angeles County Metropolitan Transportation Authority
NAAQS.....	National Ambient Air Quality Standards
NAHC.....	Native American Heritage Commission
NHPA.....	National Historic Preservation Act
NEPA.....	National Environmental Policy Act
NO <sub>2</sub> .....	Nitrogen Dioxide
NPDES .....	National Pollutant Discharge Elimination System
NRHP.....	National Register of Historic Places
O <sub>3</sub> .....	Ozone
Pb .....	Lead
PBC.....	Polychlorinated Biphenyls
PM.....	Particulate Matter
PM <sub>2.5</sub> .....	Particulate Matter 2.5 microns or less in diameter
PM <sub>10</sub> .....	Particulate Matter 10 microns or less in diameter
PRC.....	Public Resources Code
ROW.....	Right-of-Way
RSL .....	Regional Screening Levels
SCAB .....	South Coast Air Basin
SCAQMD .....	South Coast Air Quality Management District
SCCIC.....	South Central Coastal Information Center
SVOC.....	Semivolatile Organic Compounds/Polycyclic Aromatic Hydrocarbons
SWPPP .....	Stormwater Pollution Prevention Plan
TIGER.....	Transportation Investment Generating Economic Recovery
TPHcc.....	Total Petroleum Hydrocarbons
TWW .....	Treated Wood Waste
UPRR.....	Union Pacific Railroad
USC .....	United States Code
USEPA.....	U.S. Environmental Protection Agency
VOC.....	Volatile Organic Compounds

## 1. INTRODUCTION

The Los Angeles County Metropolitan Transportation Authority (Metro) is proposing the Rail to Rail Active Transportation Corridor Project – Segment A (Project). The Project consists of on- and off-street bicycle and pedestrian/multi-purpose paths within existing street and railroad rights-of-way (ROW). The Project would be primarily located along the existing rail ROW, while a small portion would be located along existing street ROW. The following analysis provides supporting documentation for a Categorical Exclusion (CE) under the National Environmental Policy Act (NEPA).

The Federal Transit Administration (FTA) is the federal lead agency for the Project, and Metro is the Project sponsor. The Project would be funded by the California Department of Transportation (Caltrans) Division of Local Assistance Active Transportation Program (ATP) Cycle 2 and the U.S. Department of Transportation (DOT) Transportation Investment Generating Economic Recovery (TIGER) VII Grants. Local funding sources would also be used for the Project.

### 1.1. PURPOSE OF DOCUMENTATION

The purpose of this document is to provide support for a CE. According to the Council on Environmental Quality (CEQ) regulations for implementing NEPA:

*Categorical exclusion means a category of actions which do not individually or cumulatively have a significant effect on the human environment ... and ... for which, therefore, neither an environmental assessment nor an environmental impact statement is required (40 Code of Federal Regulations [CFR] Part 1508.4).*

23 CFR Part 771.118(a) identifies the types of actions that qualify for CE determinations:

*...actions which meet the definition contained in 40 CFR 1508.4, and, based on past experience with similar actions, do not involve significant environmental impacts. They are actions which: do not induce significant impacts to planned growth or land use for the area, do not require the relocation of significant numbers of people; do not have a significant impact on any natural, cultural, recreational, historic or other resource; do not involve significant air, noise, or water quality impacts; do not have significant impacts on travel patterns; or do not otherwise, either individually or cumulatively, have any significant environmental impacts.*

Actions that normally qualify for CEs are listed under 23 CFR 771.118(c). The Project qualifies for the following CE:

- 23 CFR 771.118(c)(2): Acquisition, construction, maintenance, rehabilitation, and improvement or limited expansion of stand-alone recreation, pedestrian, or bicycle facilities, such as: a multi-use pathway, lane, trail, or pedestrian bridge, and transit plaza amenities.

- 23 CFR 771.118(c)(12): Projects, as defined in 23 United States Code (USC) 101, that would take place entirely within the existing operational ROW. Existing operational ROW refers to ROW that has been disturbed for an existing transportation facility or is maintained for a transportation purpose. This area includes the features associated with the physical footprint of the transportation facility (including the roadway, bridges, interchanges, culverts, drainage, fixed guideways, mitigation areas, rest areas with direct access to a controlled access highway, areas maintained for safety and security of a transportation facility, parking facilities with direct access to an existing transportation facility, transit power substations, transit venting structures, and transit maintenance facilities). Portions of the ROW that have not been disturbed or that are not maintained for transportation purposes are not in the existing operational ROW.

Actions that FTA determines to fall within 23 CFR 771.118(c) normally do not require any further NEPA approvals by FTA. Per 23 CFR 771.118(b):

*Any action which normally would be classified as a CE but could involve unusual circumstances will require FTA, in cooperation with the applicant, to conduct appropriate environmental studies to determine if the CE classification is proper. Such unusual circumstances include:*

- *Significant environmental impacts;*
- *Substantial controversy on environmental grounds;*
- *Significant impact on properties protected by Section 4(f) of the DOT Act or Section 106 of the National Historic Preservation Act (NHPA); or*
- *Inconsistencies with any federal, state, or local law, requirement or administrative determination relating to the environmental aspects of the action.*

The following analysis demonstrates that the Project would not result in significant environmental impacts, significantly impact properties protected by Section 4(f) of the DOT Act or Section 106 of the NHPA, or result in inconsistencies with any federal, state, or local law, requirement or administrative determination relating to the environmental aspects of the action. No substantial controversy exists on environmental grounds. Therefore, the Project qualifies for a CE under 23 CFR Part 771.118(c).

## **1.2. PROJECT BACKGROUND AND OVERVIEW**

The Los Angeles County Transportation Commission (LACTC), Metro's predecessor, purchased the Harbor Subdivision ROW in 1992 from Atchison, Topeka, and Santa Fe Railway (ATSF), the predecessor of the Burlington Northern Santa Fe Railway (BNSF) for the purpose of rail service expansion. Since 2006, Metro has studied a variety of future transit uses for the Project corridor. However, prior studies and efforts have not yielded any specific plans and funding has not been identified to implement a major transit project.



In September 2012, the Metro Board of Directors (Metro Board) requested Metro staff to conduct a preliminary assessment of the feasibility of an intermediate use of the Harbor Subdivision ROW as an active transportation corridor (ATC). The motion indicated that the ROW presents major blight in the community, and directed Metro staff to look at intermediate uses for the ROW that would not preclude future transit use. The 2012 Preliminary Assessment cited an ATC as a potentially beneficial interim use.

In 2014, Metro prepared the *Rail to River Intermediate Active Transportation Corridor Feasibility Study* to assess the feasibility of repurposing the Project corridor as an ATC. The report indicated that a bicycle and pedestrian path along the Project corridor would provide significant enhancements to the regional transportation network.<sup>1</sup>

The above-mentioned bicycle and pedestrian path, or the Project, is a 6.4-mile corridor, 0.5 miles of which would be located along West Boulevard and 67<sup>th</sup> Street public street ROWs between the Crenshaw/LAX Fairview Heights Station, which is currently under construction, to where 11<sup>th</sup> Street intersects with the Metro-owned Harbor Subdivision ROW. The remaining 5.9 miles (from 11<sup>th</sup> Street to where the Harbor Subdivision ROW intersects with South Santa Fe Avenue) would be located along the Harbor Subdivision ROW. The Project consists of on- and off-street bicycle and pedestrian/multi-purpose paths. The Harbor Subdivision ROW is an under-utilized freight railroad ROW that currently accommodates minimally active freight operations under an operating easement with BNSF. No freight train activity has been observed on the Harbor Subdivision ROW within the Project corridor has been observed since 2011. Metro is in the process of undergoing easement abandonment along the Harbor Subdivision ROW. The Project corridor would traverse through the West Adams-Baldwin Hills-Leimert, South Los Angeles and Southeast Los Angeles communities of the City of Los Angeles; the unincorporated Florence-Graham community in the County of Los Angeles; and the Cities of Inglewood, Huntington Park and Vernon.

The Project would improve linkages between the Metro Blue, Silver, and Crenshaw/LAX transit lines and connect multiple Metro bus lines and other municipal bus lines along Slauson Avenue.

### 1.3. STATUTORY REQUIREMENTS

As discussed above, FTA implementing guideline for CE's may be found under 23 CFR Part 771.118. 40 CFR Section 1507.3(b) includes the broad statutory requirements and states that agency procedures shall comply with CEQ regulations except where compliance would be inconsistent with statutory requirements and shall include:

1. Those procedures required by Sections 1501.2(d), 1502.9(c)(3), 1505.1, 1506.6(e) and 1508.4.

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<sup>1</sup>The feasibility study was for an 8.3-mile corridor along the Harbor Subdivision ROW from the Crenshaw/LAX Fairview Heights Station to Washington Boulevard. Of the 8.3-mile corridor, 6.4 miles is part of the Project corridor.

2. Specific criteria for and identification of those typical classes of action:
  - (i) Which normally do require Environmental Impact Statements (EIS).
  - (ii) Which normally do not require either an EIS or an Environmental Assessment (EA) (CEs [Section 1508.4]).
  - (iii) Which normally require EAs but not necessarily EIS.

According to 40 CFR Section 1506.5, applicants or applicants' contractors may prepare NEPA documents for submittal to federal agencies. However, the applicant is responsible for submitting accurate and complete documentation to the federal agency.

#### **1.4. ENTITLEMENTS AND REGULATORY PERMITS**

This document is intended to provide environmental clearance for future related actions under NEPA by Metro and FTA. These actions include those approvals, entitlements or permits necessary in order to implement a project. Construction of the Project would require compliance with the State General Permit for Storm Water Discharges Associated with Construction Activity (Order No. 99-08-DWQ), as well as local municipal grading, construction, street use, and tree protection ordinances, as appropriate. Stormwater and urban runoff discharges must comply with Los Angeles Regional Water Quality Control Board (LARWQCB) Municipal National Pollutant Discharge Elimination System (NPDES) Permit (Order No. R4-2009-0130). Coordination and approvals from communications and utility purveyors (e.g., Los Angeles Department of Water and Power [LADWP]) would be needed for temporary or permanent utility relocation or service interruption. The Project is entering into a Voluntary Cleanup Program with the Department of Toxic Substances Control (DTSC) to clean up contaminated soils within the Project corridor. Soil remediation within the Project corridor would be required to meet DTSC standards. Coordination and approvals from the California Public Utilities Commission (CPUC) is also required to reconfigure the Long Beach Avenue/Slauson Avenue intersection, as well as to provide improvements (e.g., pedestrian gates and other pedestrian improvements) where the active Union Pacific Railroad (UPRR) tracks intersect with the Project corridor just east of Long Beach Avenue and the Metro Blue Line Slauson Station.

#### **1.5. PUBLIC OUTREACH AND AGENCY COORDINATION**

As defined in 40 CFR Section 1501.5, Metro is the Lead Agency responsible for preparing the CE for the Project. The Metro public outreach effort included community meetings on January 26, 2017 (from 3:00 p.m. to 5:00 p.m. and from 6:00 p.m. to 8:00 p.m.). Metro notified property owners and occupants within 1,000 feet of the Project corridor of the community meetings. In addition to community meetings, Metro obtained input from the local Community Advisory Committee (CAC) and the local Technical Advisory Committee. Community surveys were distributed at community events. Additionally, Metro coordinated with local agencies, including the Cities of Los Angeles, Inglewood, Huntington Park, and Vernon, as well as the County of Los Angeles. A fact sheet was produced and updated as needed, an information hotline and email were set up and monitored regularly, and the

Project web page (<https://www.metro.net/projects/r2r/>) was used as a resource for ongoing access to Project information.

The CAC indicated that it is interested in a multi-use pathway (walking, exercise, recreation, and bicycling) that would be family-friendly; clean and well maintained; beautiful and safe; landscaped with drought-tolerant plantings; discourages encampments; and includes lighting, fencing, seating, and other amenities. The results of the community surveys indicate that many of the responders are interested in having a pathway for walking, bicycling, exercising, reaching transit stations, reaching jobs, jogging, and reaching schools.

As part of the environmental process required by California Environmental Quality Act (CEQA) in the State of California, Metro is also preparing a Categorical Exemption in compliance with Article 19 of the CEQA Guidelines and is engaging in public outreach. The Project qualifies for a Class 4 (Minor Alterations to Land) categorical exemption under Section 15304(h) of the CEQA Guidelines.

## 2. PROJECT DESCRIPTION

### 2.1. PROJECT LOCATION AND SETTING

The Project is located in a highly urbanized part of Los Angeles County. The Project would encompass portions of the West Adams-Baldwin Hills-Leimert, South Los Angeles and Southeast Los Angeles communities of the City of Los Angeles; Florence-Graham, which is an unincorporated community of Los Angeles County; and the Cities of Inglewood, Vernon and Huntington Park.

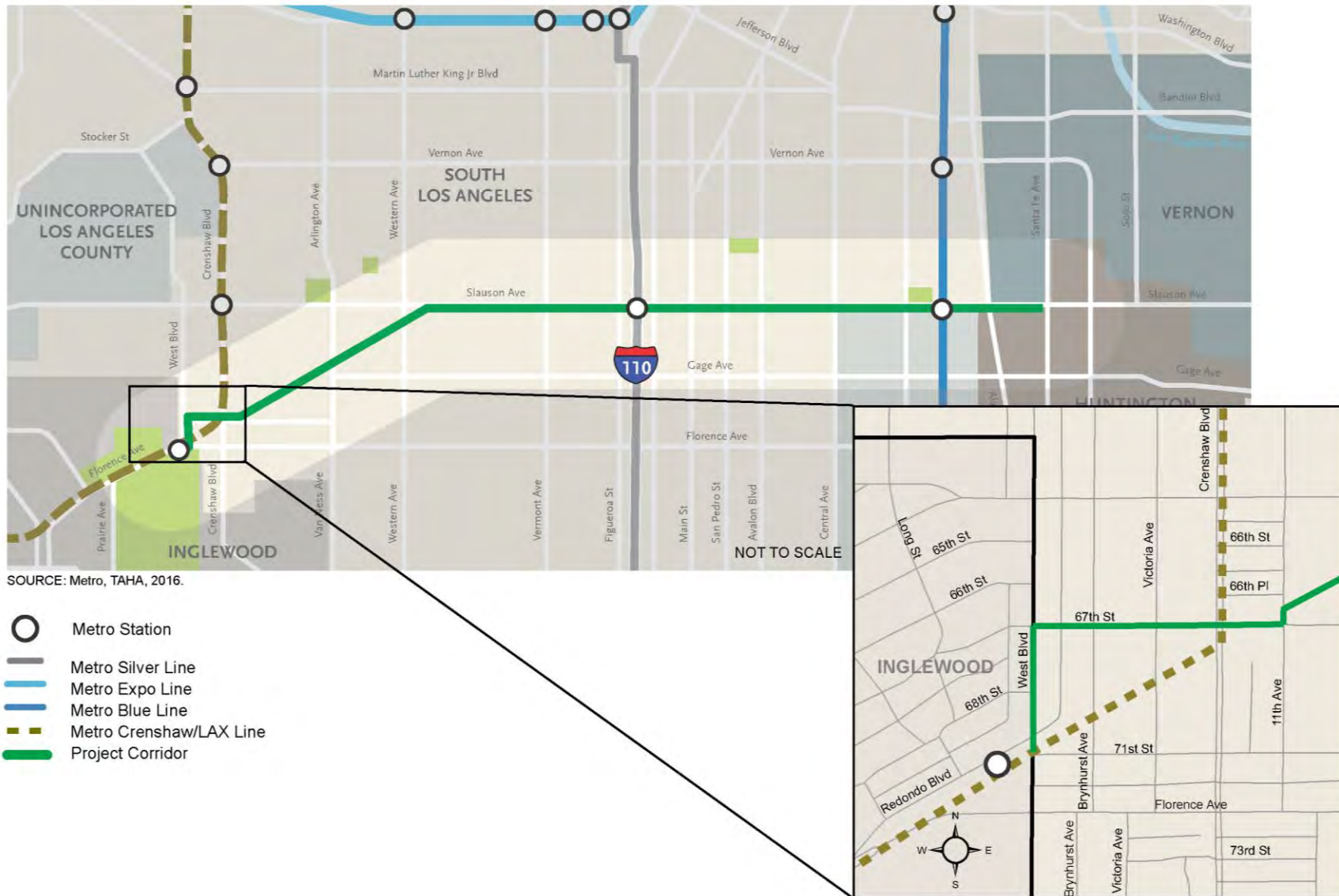
The Project limits would extend from the Crenshaw/LAX Fairview Heights Light Rail Station, which is currently under construction, in the City of Inglewood through the City of Los Angeles, Florence-Graham, the City of Vernon, to the Metro-owned Harbor Subdivision ROW/Santa Fe Avenue intersection in the City of Huntington Park.

The western portion of the Project (approximately 0.5 miles in length) would be within the City of Los Angeles and City of Inglewood public street ROWs while the remaining 5.9 miles would be located within the Metro-owned Harbor Subdivision ROW. The Metro-owned Harbor Subdivision ROW contains railroad tracks, railroad ties, ballast, rail equipment, utility poles, underground fiber optic cables, bus shelters and benches, bollards, and a billboard. **Figure 1** shows the Project corridor.

The Project would start at the western terminus (i.e., Crenshaw/LAX Fairview Heights Light Rail Station) and travel north on West Boulevard until the street meets 67<sup>th</sup> Street. The sidewalk and parkway on the west side of West Boulevard is within the City of Inglewood, while the street, parkway, and sidewalk on the east side of West Boulevard are within the City of Los Angeles. At 67<sup>th</sup> Street, the Project would travel east until the street meets 11<sup>th</sup> Avenue. At 11<sup>th</sup> Avenue, the Project corridor would travel north for approximately 40 feet until the street meets the Metro-owned Harbor Subdivision ROW. From there, the Project would travel northeast within the Metro-owned Harbor Subdivision ROW. After the Metro-owned ROW crosses Slauson Avenue (east of Western Avenue), the Project would travel east to its eastern terminus, which is located just north of the Slauson Avenue/Santa Fe Avenue intersection in the City of Huntington Park.

The Project would intersect with the Metro Crenshaw/LAX Light Rail Transit Line, the Harbor Transit Way, and the Metro Blue Line. The eastern terminus is approximately 0.75 miles east of the Metro Blue Line Slauson Station.

FIGURE 1: PROJECT LOCATION



### 2.1.1. Project Objectives

The objectives of the Project include the following:

- 1) To provide safe dedicated walking and cycling transportation options to promote healthy neighborhoods and linkages between local communities, schools, shopping, employment centers, transit hubs, and other key destinations.
- 2) To facilitate opportunities for improved access to major transit facilities, such as the Metro Crenshaw/LAX Light Rail Transit Line, the Harbor Transit Way, the Metro Blue Line, and various rapid and local bus lines.
- 3) To remove a prominent social equity barrier within the South Los Angeles community with new and improved access for pedestrians, cyclists, and transit riders traveling to and from schools, jobs, health care providers, as well as religious, commercial and cultural institutions.

### 2.1.2. Project Description

As previously discussed, the western 0.5-mile portion of the Project corridor would be within the West Boulevard and 67<sup>th</sup> Street ROWs while the remaining 5.9 miles would be located within the Metro-owned Harbor Subdivision ROW. Where the Project corridor is within the public street ROWs, the Project would use the existing sidewalks and streets. Where the Project corridor is within the Metro-owned ROW, a two-way Class I bike path and a separate pedestrian/multi-purpose pathway would be created. The following discussion describes the Project components in further detail. Project renderings are shown in **Figures 2 through 6**.

**Public Street ROWs.** The Project corridor would travel along West Boulevard from the Crenshaw/LAX Fairview Heights light rail station at Redondo Boulevard to 67<sup>th</sup> Street. North of 68<sup>th</sup> Street, West Boulevard contains an existing Class II bikeway on both sides of the streets. The Project would extend the existing Class II bicycle lanes from 68<sup>th</sup> Street to the Crenshaw/LAX Fairview Heights light rail station. Pedestrian improvements would be provided, and may consist of street trees, mid-height lighting, curb ramp upgrades, and wayfinding signs. Bicyclists would use the bicycle lanes, while pedestrians would use the existing sidewalks on both sides of West Boulevard.

Where West Boulevard meets 67<sup>th</sup> Street, the Project would travel east along 67<sup>th</sup> Street until the street meets 11<sup>th</sup> Avenue. At 11<sup>th</sup> Avenue, the Project would travel north for approximately 40 feet until the street meets the Metro-owned Harbor Subdivision ROW. With implementation of the Project, 67<sup>th</sup> Street would be classified as a Class III bicycle route. The Project would provide street markings on 67<sup>th</sup> Street and install bicycle route signs along the parkways to indicate that bicycles would be sharing the roadway with vehicles. A new traffic signal would be installed at the 67<sup>th</sup> Street/11<sup>th</sup> Avenue intersection. Pedestrian improvements would also be provided along 67<sup>th</sup> Street and 11<sup>th</sup> Avenue.



FIGURE 2: METRO-OWNED ROW DIAGONAL SEGMENT – DESIGN CONCEPT

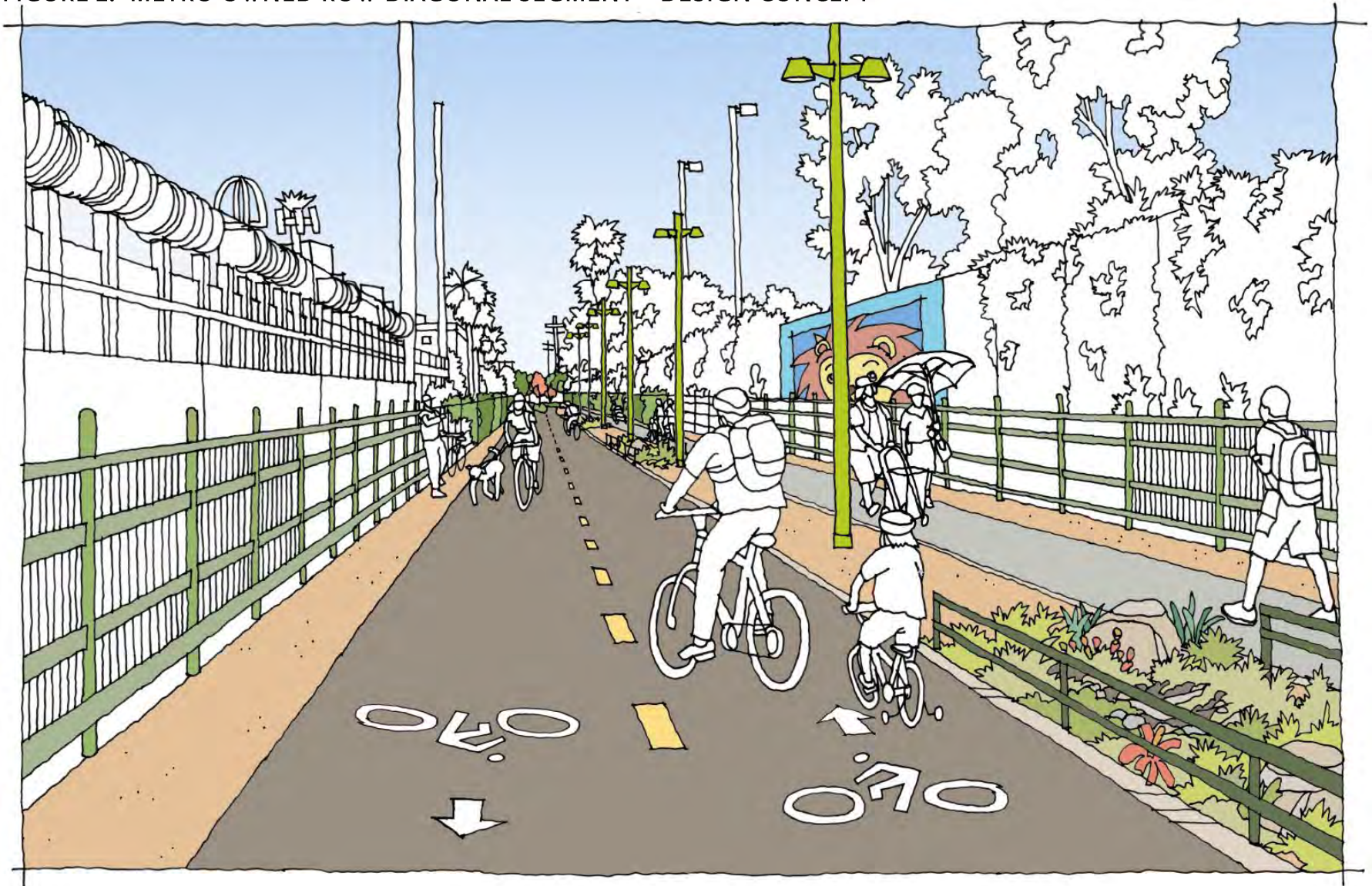


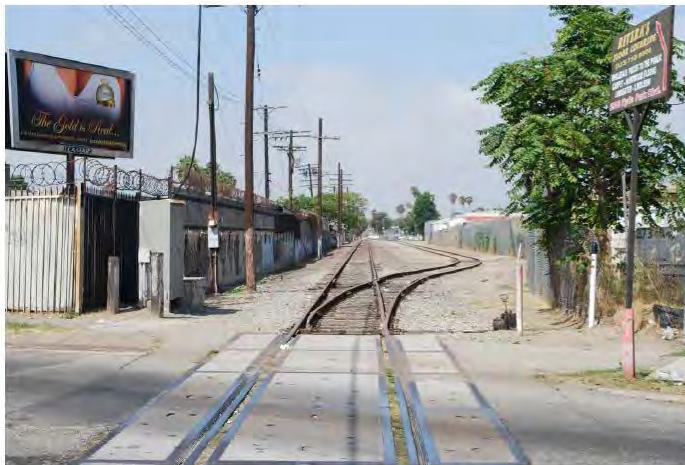
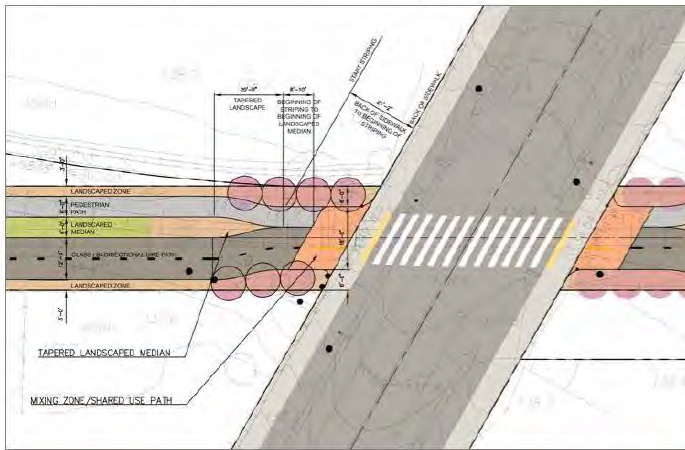


FIGURE 3: METRO-OWNED ROW EAST-WEST SEGMENT – MID-BLOCK DESIGN CONCEPT





FIGURE 4: METRO-OWNED ROW DIAGONAL SEGMENT – MIXING ZONES DESIGN CONCEPT



Existing photo of Metro ROW at Van Ness intersection



A concentration of bright trees such as the Chilopsis linearis 'Lopur' can help indicate access points



Example of diverter island that alert cyclists to upcoming intersection (Whittier Greenway Trail)



FIGURE 5: METRO-OWNED ROW DIAGONAL SEGMENT – DESIGN CONCEPT FOR CUL-DE-SAC ACCESS



Mixing zone at cul-de-sac access point

Note: City of LA alleys abut Metro ROW at several cul-de-sacs

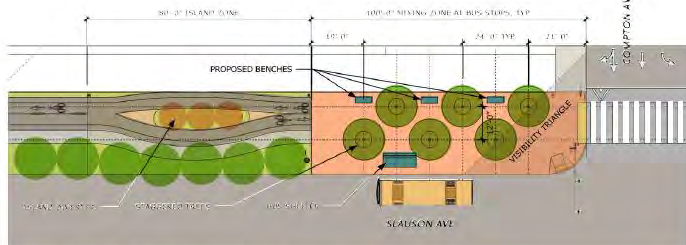
Cul-de-sac access to the LA River at McConnell Avenue creates a welcoming entrypoint

Haas Ave cul-de-sac view; note City of Los Angeles alley to left and right along ROW

Birdseye aerial with cul-de-sac concept in 3 locations



FIGURE 6: METRO-OWNED ROW EAST-WEST SEGMENT – MIXING ZONES DESIGN CONCEPT



Concept plan at bus stop mixing zones



Existing photo of Sealous/Compton intersection



Example of diverter planted with drought tolerant flax



Example of street bond graphic (Auckland, NZ)

Parkway improvements include permeable pavers, additional street trees, mid-height lighting, and curb ramp upgrades. Pedestrian improvements would also be provided. Project features, including curb ramp upgrades, would be designed to comply with ADA standards for accessibility. The existing railroad tracks and equipment to the north and west of the 67<sup>th</sup> Street/11<sup>th</sup> Avenue intersection would be removed. Along 67<sup>th</sup> Street, bicyclists would travel along the roadway, while pedestrians would use the existing sidewalks on both sides of the street.

The City of Los Angeles 2010 Bicycle Plan identifies West Boulevard and 67<sup>th</sup> Street within the Project corridor as designated bikeways and bicycle friendly streets. This plan also identifies the streets as part of a neighborhood bikeway network.<sup>2</sup>

**Metro-owned ROW – Diagonal Segment.** The width of the Project corridor along the diagonal segment of the Metro-owned ROW (between 11<sup>th</sup> Avenue and Slauson Avenue) range from approximately 30 to 50 feet. In this segment, the bicycle paths and dedicated walkway would be separated by a stormwater treatment median (bioswales). Separate walk and bicycle paths would meet at regular intervals. The walkways and bike paths would be paved with asphalt. Most of this segment includes private properties on both sides of the corridor, and the visibility of this segment is limited at public streets. Because of the limited public visibility, no trees would be planted where the Project corridor is located between private properties. Landscaping would include low growing, drought-tolerant plants, which would be designed to discourage encampments. See **Figure 2** for the design concept of the diagonal segment.

Lighting would be placed at regular intervals. High-efficiency light emitting diode (LED) lamps would be used along this segment, and lighting would comply with Illuminating Engineering Society, Metro and City of Los Angeles standards. Lighting would be elevated for increased visibility; however, lighting would be designed to prevent spillover onto adjacent properties. In this segment of the Project corridor, security phones and cameras would be provided. Fencing would be provided along the edge of the Project corridor where necessary to differentiate the Project boundaries from adjacent properties.

Where the Project corridor intersects with a street, mixing zones would be created. In these areas, bicyclists and pedestrians would share the space. Trees would be installed to provide shade but would be installed in a manner that would not block the bicyclists and pedestrians, maintenance vehicles, law enforcement, and emergency responders' line-of-sight at intersections. The Project will provide crosswalks. Additional lighting would also be provided at mixing zones. See **Figure 4** for the design concept of mixing zones within the diagonal segment.

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<sup>2</sup>City of Los Angeles Department of City Planning, *2010 Bicycle Plan: A Component of the City of Los Angeles Transportation Element*, March 1, 2011.

Many of the streets that intersect the Project in the diagonal segment are small residential streets. Western Avenue is an arterial street that intersects the Project corridor at mid-block. The Project would install a signalized crosswalk where this street intersects with the Project corridor.

Five cul-de-sacs intersect with the Project corridor along the diagonal segment of the Project corridor. Chain-linked fences currently block access to the Project corridor at these cul-de-sacs. As part of the Project, the fencing would be removed and Metro's standard panelized fencing would be installed. An access point would be provided at each cul-de-sac to allow the community south of the Project corridor to have direct access to the proposed pedestrian/multi-purpose and bicycle paths, as well as to provide ingress/egress opportunities for users of the Project. Small mixing zones would be created in these areas to indicate to bicyclists and pedestrians that ingress/egress opportunities are available at these areas. See **Figure 5** for the conceptual design of cul-de-sacs.

Additional improvements proposed along the diagonal segment include upgrades to crosswalk markings, curb ramps, repainting advanced stop bars, and signage for bicyclists and pedestrians using the Project corridor. Project features, including curb ramp upgrades, would be designed to comply with ADA standards for accessibility.

**Metro-Owned ROW – East-West Segment.** As with the diagonal segment of the Project corridor, a two-way Class I bicycle path and a separate pedestrian/multi-purpose path would be created along the east-west segment of the Metro-owned ROW (along Slauson Avenue east of Western Avenue to Santa Fe Avenue). The widths of this segment of the Project corridor range between approximately 25 to 81 feet in width.

In the east-west segment of the Project corridor, the pedestrian/multi-purpose path would be located immediately next to the bicycle paths. Bioswales will be located along the south side of the Metro-owned ROW to provide a buffer between Slauson Avenue and the bicycle and pedestrian/multi-purpose pathways and to slow, collect, infiltrate and filter stormwater runoff before entering into the storm drains. Trees would be planted along the south side of the Project corridor. Landscaping would be installed in various areas and would include the use of low growing, drought-tolerant and native plantings. See **Figure 3** for the design concept of the east-west segment of the Harbor Subdivision ROW.

New lighting would be provided throughout the east-west segment. High-efficiency LED lamps would be used along this segment and would be elevated for increased visibility. However, lighting would be designed to prevent spillover onto adjacent properties. Fencing would be provided along the northern perimeter of the Project corridor where necessary to differentiate the Project boundaries from adjacent properties.

As with the diagonal segment, mixing zones would be created at intersections. Mixing zones in the east-west segment would typically be larger than the mixing zones in the diagonal segments. Large mixing zones would generally be located at intersections with bus stops to accommodate high levels of pedestrian activities at the bus stops. The widths of the Project

corridor along the east-west segment of the Project corridor generally range between approximately 25 to 81 feet in width. The majority of this segment is approximately 30 feet in width. Where the Project corridor is 30 feet or less in width, the bicycle and pedestrian/multi-purpose pathways would have straight paths towards the mixing zones. Where the Project corridor is 40 feet or more in width, the bicycle and pedestrian/multi-purpose pathways would slightly curve to notify users that they are approaching an intersection and encourage bicyclists to dislodge. The mixing zones would be designed to include neighborhood amenities, such as benches or other types of seating. Trees would be installed to provide shade but would be installed in a manner that would not block the bicyclists and pedestrians' line-of-sight at intersections. As with the diagonal segment, crosswalks would be installed at intersections. Additional lighting would also be provided at mixing zones. See **Figure 6** for the design concepts of mixing zones in the east-west segment of the Harbor Subdivision ROW.

Additional improvements at intersections include upgrades to crosswalk markings, upgrades to curb ramps, repainting advanced stop bars, installation of signals to alert right-turn drivers to the presence of pedestrian and bicycle traffic on the Project corridor, signage for bicyclists and pedestrians using the Project corridor, and ADA compliance as required. Project features, including curb ramp upgrades, would be designed to comply with ADA standards for accessibility, where necessary.

No traffic control devices are currently available where Slauson Avenue (east of Western Avenue) intersects with the Project corridor and at the Long Beach Avenue/Slauson Avenue intersection. The Project would install new traffic signals at these streets to allow users of the Project corridor to safely cross these streets. See discussion under "Metro-owned ROW – East-West Segment at Metro Blue Line Station," below, for further discussion of the changes that are proposed at the Long Beach Avenue/Slauson Avenue intersection.

**Metro-owned ROW – East-West Segment at Harbor Transitway/Metro Silver Line Station/Interstate 110 (I-110).** This portion of the Project corridor is located under I-110. The Metro Silver Line Station is located in the center of I-110 above the Project corridor. The Project corridor along this segment is approximately 40 feet in width. A bus stop is located at the northeast corner of the Figueroa Street/Slauson Avenue intersection. At this corner, a large mixing zone is proposed. A smaller mixing zone is proposed at the northwest corner of the Broadway/Slauson Avenue intersection.

Along this segment of the Project corridor, the Metro Silver Line Station entrance is located in the center of I-110 on the south side of Slauson Avenue. The Project would provide access to this station entrance by constructing new north-south crosswalks and ADA-compliant curb ramps at the interior of the intersection of each ramp closest to the Silver Line Slauson station (i.e., north-south crosswalks would be provided at the east side of the I-110 southbound ramps and at the west side of the I-110 northbound ramps). Guardrails would be installed between the new crosswalks along the southern perimeter of the Project corridor to prevent jaywalking under the freeway. Lighting that would provide brief illumination as bicyclists and pedestrians travel under the freeway would be installed.

No landscaping would be installed under I-110. However, public art, which would be determined by Metro’s Public Art program at a later date, may be provided in this area. Decorative features, such as river rocks, would be installed along this portion of the Project corridor.

**Metro-owned ROW – East-West Segment at Metro Blue Line Station.** Between Long Beach Avenue W. to Alba Street, the Project corridor is about 60 feet in width. Just west of the Metro Blue Line Station, Long Beach Avenue W. meets Slauson Avenue at an angle. The Project would realign this intersection such that Long Beach Avenue W. would meet Slauson Avenue at a “T.” The Project would install traffic signals at this intersection. Currently, southbound left turns are prohibited at this intersection. The Project would install a median in the center of Slauson Avenue to prevent vehicles from making illegal left turns onto Slauson Avenue.

New east-west and north-south crosswalks would be installed at the Long Beach Avenue W./Slauson Avenue intersection. The new north-south crosswalk would provide a direct connection between the Project corridor on the north side of Slauson Avenue and the light rail station and bus stop on the south side of the street, as well as to facilitate existing pedestrian travel between the station and the neighborhood to the north. New curb cuts on the east side of Long Beach Avenue W. are also proposed.

The active UPRR crosses the Project corridor at-grade immediately east of the Metro Blue Line Station. In this area, new pedestrian rail gates would be installed to the east and west of this rail crossing. Hand rails would also be provided to discourage pedestrians and bicyclists from going around the gates. East of this rail crossing, the bicycle and pedestrian/multi-purpose pathways would slightly curve to indicate to the bicyclists and pedestrians that they are approaching a railroad crossing.

**Opportunity Sites.** A few areas along the Project corridor provide opportunities to develop neighborhood-based uses, such as open space and community amenities. These opportunity sites are further described below.

*Trailhead Plaza at 67<sup>th</sup> Street and 11<sup>th</sup> Avenue.* The triangular parcel at the northwest corner of the 67<sup>th</sup> Street/11<sup>th</sup> Avenue intersection is a transition zone between the bicycle lanes and sidewalks along the 67<sup>th</sup> Street/11<sup>th</sup> Avenue ROWs and the bicycle and pedestrian/multi-purpose pathways within the Metro-owned ROW. At this opportunity site, an open plaza is proposed. Amenities for this site include, but not be limited to, seating, drought-tolerant plants, grass, trees, permeable pavers, a security/service station, and an information kiosk that would provide information about the Project corridor and neighborhood.

*11<sup>th</sup> Avenue to 8<sup>th</sup> Avenue.* At this opportunity site in the diagonal segment of the Project corridor between 11<sup>th</sup> and 8<sup>th</sup> Avenues, low, drought-tolerant plants would be planted immediately north of the bicycle and pedestrian/multi-purpose paths. No trees would be in this part of the Project corridor. Planting would discourage loitering and encampment.

*Hyde Park Neighborhood.* At this opportunity site in the diagonal segment of the Project corridor that parallels Hyde Park Boulevard (generally between 4<sup>th</sup> and 7<sup>th</sup> Avenues), drought-tolerant plants, trees, and neighborhood amenities would be installed. Neighborhood amenities may include tables, benches, and exercise equipment. The use of the City of Los Angeles sidewalk that adjoins the rail ROW could provide more opportunities for neighborhood amenities at this opportunity site. Metro would coordinate with the City of Los Angeles if the City sidewalk is to be used for this opportunity site.

*Slauson Avenue Crossing.* This opportunity site is located where the Project corridor intersects with Slauson Avenue (between Western Avenue and Denker Avenue). At this opportunity site, a new signalized crosswalk would be installed. Trees and drought-tolerant plants would be installed at the north and south sides of Slauson Avenue.

Wayfinding/signage would be provided at the south side of Slauson Avenue. At the Slauson Supermall, the driveway closest to the Metro-owned ROW would be reconstructed.

*Silver Line Station/I-110 Underpass.* See “Metro-Owned ROW – East-West Segment at Harbor Transitway/Metro Silver Line Station/Interstate 110 (I-110),” above, for a discussion of the types of treatments that are proposed at this opportunity site.

*Normandie Avenue to Budlong Avenue.* The Project corridor along Slauson Avenue between Normandie Avenue and Budlong Avenue is approximately 80 feet in width. The wide ROW at this opportunity site provides opportunities to provide trees, tables, benches and other types of seating, exercise stations, playground equipment, drought-tolerant plants, and other types of neighborhood-based amenities. Additionally, this opportunity site could provide flexible open space that could accommodate food trucks and community events, such as farmers’ markets.

*Augustus F. Hawkins Natural Park Frontage.* Along the Project corridor that adjoins Augustus F. Hawkins Natural Park, trees and native landscaping would be provided to blend in with the park. Decomposed granite walkways are also proposed at this opportunity site.

*Blue Line Station and Trailhead.* Between the Blue Line Station and Alba Street, trees would be installed. At Alba Street, a security/service station, information kiosk (to provide information about the Project corridor and neighborhood) and special paving may be provided. Decomposed granite walkways are also proposed at this opportunity site.



### 3. EVALUATION OF ENVIRONMENTAL IMPACTS

#### 3.1. AIR QUALITY AND CLIMATE CHANGE

##### 3.1.1. Federal Transportation Improvement Plan and Transportation Conformity

Transportation conformity requirements are based on Clean Air Act Section 176(c), which prohibits the DOT and other federal agencies from funding, authorizing or approving plans, programs or projects that do not conform to the State Implementation Plan for attaining the National Ambient Air Quality Standards (NAAQS). The Project corridor is within the Los Angeles County portion of the South Coast Air Basin (SCAB), which is a subarea of the South Coast Air Quality Management District's (SCAQMD) jurisdiction. SCAB includes the non-desert portions of Los Angeles, Orange, San Bernardino, and Riverside Counties. It is bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino and San Jacinto Mountains to the north and east. The Los Angeles County portion of SCAB is classified as a federal nonattainment area for ozone (O<sub>3</sub>), fine particulate matter 2.5 microns or less in diameter (PM<sub>2.5</sub>) and lead (Pb). It is a federally-designated maintenance area for particulate matter 10 microns or less in diameter (PM<sub>10</sub>), carbon monoxide (CO) and nitrogen dioxide (NO<sub>2</sub>).

The CFR lists types of projects that are exempt from all transportation conformity requirements, including consistency with the regional Federal Transportation Improvement Program (FTIP) and requirements for project-level particulate matter (PM) and CO hot-spot assessments. According to 40 CFR 93.126, bicycle and pedestrian facilities are exempt from all transportation conformity requirements. The CE is not required to demonstrate consistency with the FTIP or provide PM and CO hot-spot assessments. Thus, no further analysis is necessary.

Additionally, the Project is listed in the 2017 Adopted FTIP as Project ID LA0G1247 for bicycle and pedestrian transportation linkage improvements along the Project corridor. On December 16, 2016, the Federal Highway Administration (FHWA) and FTA determined that the 2017 Adopted FTIP has met all air quality conformity requirements.

##### 3.1.2. Criteria Pollutant, Ozone Precursor, and Greenhouse Gas Emissions

The proposed pedestrian/multi-purpose and bicycle pathways would not include a permanent source of pollutant emissions. The Project would not generate new vehicle trips that would affect regional emissions or result in a redistribution of existing traffic patterns that would affect localized pollutant concentrations. There is no potential for bicycle and pedestrian activities to generate pollutant emissions. Any effect to pollutant emissions would be beneficial as the Project would potentially remove vehicles trips from the roadway network resulting in a related decrease in emissions. Therefore, the Project would not result in an adverse effect related to criteria pollutant, ozone precursor, and greenhouse gas emissions.

### 3.2. LAND USE AND ZONING

#### 3.2.1. Consistency with Surrounding Land Uses

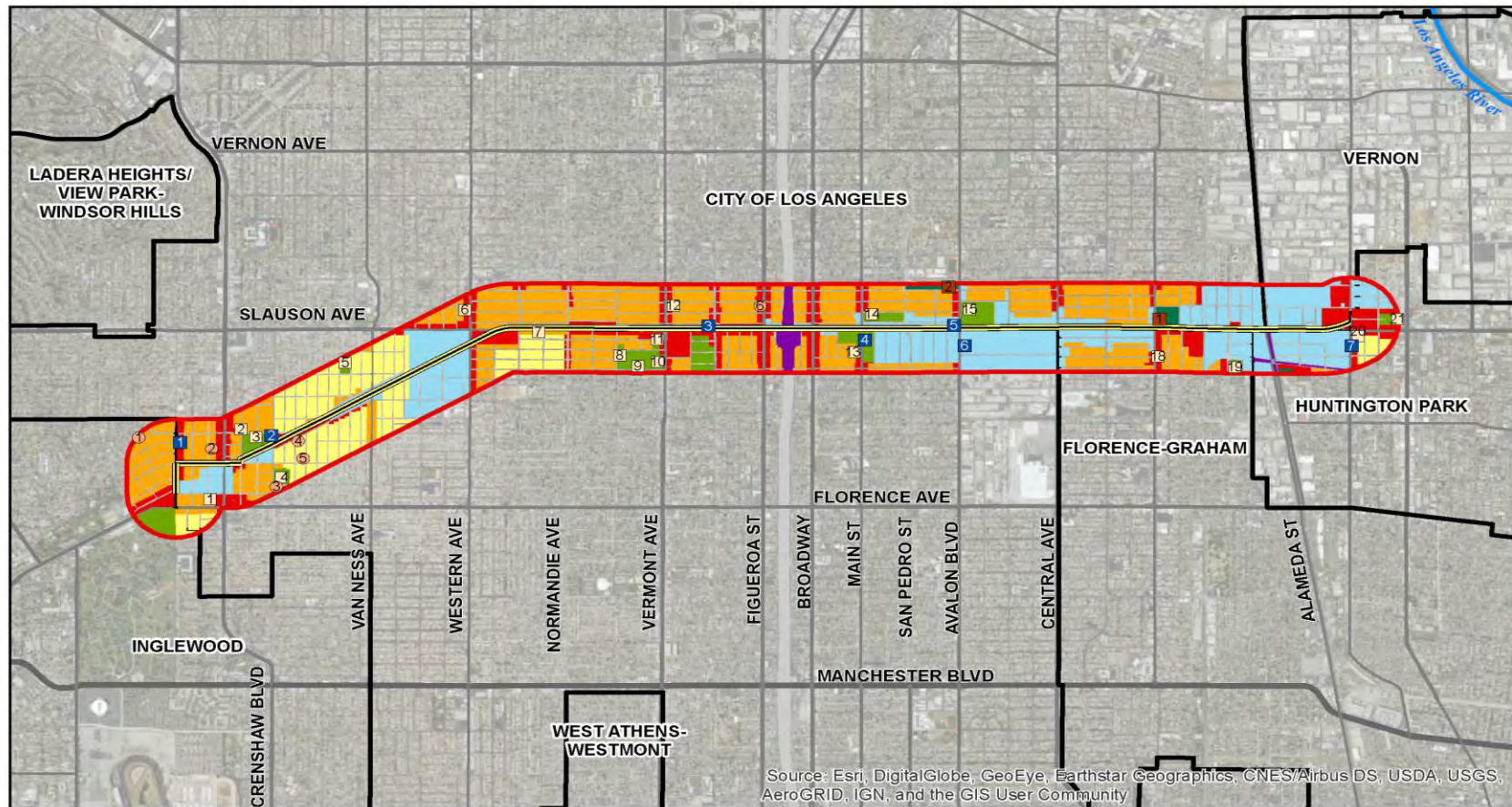
The area surrounding the Project corridor can be characterized as a dense urban environment. Surrounding development consists of primarily low-rise residential, commercial, industrial, and institutional structures. **Figure 7** identifies the existing land uses within 0.25 miles of the Project corridor, including residential uses, parks and recreational facilities; schools; health care facilities; childcare facilities. **Table 1** lists the institutional land uses, distances from the Project corridor, and addresses. Within 0.25 miles of the Project corridor, there are 2 parks and recreational facilities, 20 schools, 7 health care facilities, and 6 child care facilities.

**TABLE 1: INSTITUTIONAL LAND USES WITHIN 0.25 MILES OF PROJECT CORRIDOR**

ID	Name of Facility	Distance from Corridor	Address
<b>PARKS AND RECREATIONAL FACILITIES</b>			
1	Augustus F. Hawkins Nature Park	immediately north	5790 Compton Ave.
2	South Los Angeles Wetlands Park	0.22 miles north	5413 S. Avalon Blvd.
<b>SCHOOLS</b>			
1	Nikka Tiffany School	0.18 miles south	7112 S. Victoria Ave.
2	Hyde Park Children’s Center	0.12 miles north	6428 11 <sup>th</sup> Ave.
3	Yes Academy	immediately north	3140 Hyde Park Blvd.
4	Alliance Renee & Meyer Luskin College Ready Academy	0.15 miles south	2941 W. 70 <sup>th</sup> St.
5	59 <sup>th</sup> Street Elementary School	0.15 miles north	5939 2 <sup>nd</sup> Ave.
6	Learn 4 Life	0.16 miles north	5701 S. Western Ave.
7	Youth Build Charter School of California	immediately south	1512 W. Slauson Ave.
8	Lou Dantzler Preparatory Charter School	0.2 miles south	5940 Budlong Ave.
9	Budlong Avenue Elementary School	0.12 miles south	5940 S. Budlong Ave.
10	John Muir Middle School	0.12 miles south	5929 S. Vermont Ave.
11	Park Huerta Primary Center	0.07 miles south	1020 W. 58 <sup>th</sup> Pl.
12	Nativity Catholic School	0.11 miles north	944 W. 56 <sup>th</sup> St.
13	Augustus F. Hawkins High School	0.04 miles south	825 W. 60 <sup>th</sup> St.
14	Juanita Tate Elementary School	immediately south	123 W. 59 <sup>th</sup> St.
15	Estrella Elementary School	0.04 miles north	120 E. 57 <sup>th</sup> St.
16	Los Angeles Academy Middle School	immediately north	644 E. 56 <sup>th</sup> St.
17	Alliance Kory Hunter Middle School	0.14 miles south	5886 Compton Ave.
18	Lillian Elementary School	0.18 miles south	5909 Lillian St.
19	Crescent College	0.14 miles north	5940 Santa Fe Ave.
20	Aspire Ollin University Preparatory Academy	0.18 east	2540 E. 58 <sup>th</sup> St.
<b>HEALTH CARE FACILITIES</b>			
1	Hyde Park Convalescent Hospital	0.10 miles north	6520 West Blvd.
2	St. John’s Community Health Center	immediately north	6505 S. 8 <sup>th</sup> Ave.
3	St. John’s Well Child & Family Center	immediately north	808 W. 58 <sup>th</sup> St.
4	Hubert H. Humphrey Comprehensive Health Center	immediately south	5850 S. Main St.
5	Davita Avalon Dialysis	immediately north	5807 S. Avalon Blvd.
6	Kennedy Occupational Medical Center	0.09 miles south	5862 S. Avalon Blvd.
7	Clinica La Victoria	0.14 miles north	5950 Santa Fe Ave.
<b>CHILD CARE</b>			
1	From the Heart Preschool & Enrichment Center	0.23 miles northwest	1061 E. Hyde Park Blvd.
2	G & G Daycare	0.08 miles north	6542 S Victoria Ave
3	Newby Woods Day Care	0.21 miles south	7002 8 <sup>th</sup> Ave.
4	Skinner Family Child Care	0.05 miles south	6608 7 <sup>th</sup> Ave.
5	G & R Ultimate Child Care	0.15 miles south	6653 6 <sup>th</sup> Ave.
6	Figueroa Christian Day Care	0.12 miles north	5607 S. Figueroa St.

SOURCE: Terry A. Hayes Associates, 2017.

FIGURE 7: LAND USES WITHIN 0.25 MILES OF PROJECT CORRIDOR



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**LEGEND:**

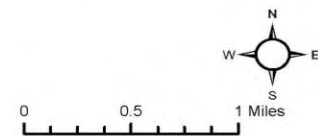
- Jurisdictional Boundary
- Study Area (0.25 miles of Project)
- Project Corridor

**Existing Land Uses**

- Single Family Residential
- Multi-Family Residential
- Industrial / Manufacturing
- Commercial
- Public Facility / Institutional
- Open Space
- Transportation

**Sensitive Receptors**

- Health Care Facilities
- Child Care
- Parks and Recreational Facilities
- Schools



Along the Project corridor, land uses adjacent to West Boulevard consist of a mix of commercial, industrial, and multi-family residential uses. On 67<sup>th</sup> Street, land uses primarily consist of single-family and multi-family residential uses. Land uses adjacent to the Harbor Subdivision ROW primarily consist of a mix of industrial, commercial, single-family residential and multi-family residential uses. Commercial uses, such as shopping centers/strip malls, restaurants and gas stations, are primarily found adjacent to the Project corridor at Crenshaw [REDACTED] Central Avenue, Compton Avenue, Holmes Avenue, and Santa Fe Avenue. Commercial uses [REDACTED] over Street and Figueroa Street. Major commercial development adjacent to the Project corridor includes Chesterfield Square Shopping Center, Slauson Super Mall, and Vermont Slauson Shopping Center.

One of the Project objectives is to provide linkages between local communities, schools, shopping, employment centers, transit hubs, and other key destinations. The Project would support access to and between uses within the vicinity of the Project corridor. The Project does not include components that would conflict with existing uses surrounding the Project corridor. Therefore, the Project would not result in adverse effects related to consistency with surrounding land uses.

### 3.2.2. Zoning and General Plan Land Use Designations

The Project is located in the West Adams-Baldwin Hills-Leimert, South Los Angeles and Southeast Los Angeles communities of the City of Los Angeles; Florence-Graham, which is an unincorporated community of Los Angeles County; and the Cities of Vernon and Huntington Park. The Zoning and General Plan land use designations within the Project corridor are identified in Table 2. Additionally, zoning within 0.25 miles of the Project is shown in Figure 8.

As shown in Table 2, the Project corridor is zoned and has General Plan land use designations for commercial, industrial, and residential uses. Although the Project corridor is zoned for commercial, industrial, and residential uses, the Project corridor is located on existing transportation ROWs. The Project would not conflict with the zoning and General Plan land use designations along the corridor, and would support access to and between uses surrounding the Project corridor. Additionally, the Project is consistent with the goals and policies pertaining to the development of bicycle paths contained in the West Adams-Baldwin Hills-Leimert, South Los Angeles and Southeast Los Angeles Community Plans, as well as in the General Plan for the Los Angeles County and the Cities of Vernon and Huntington Park. Therefore, the Project would not result in adverse effects related to zoning and General Plan land use designations.

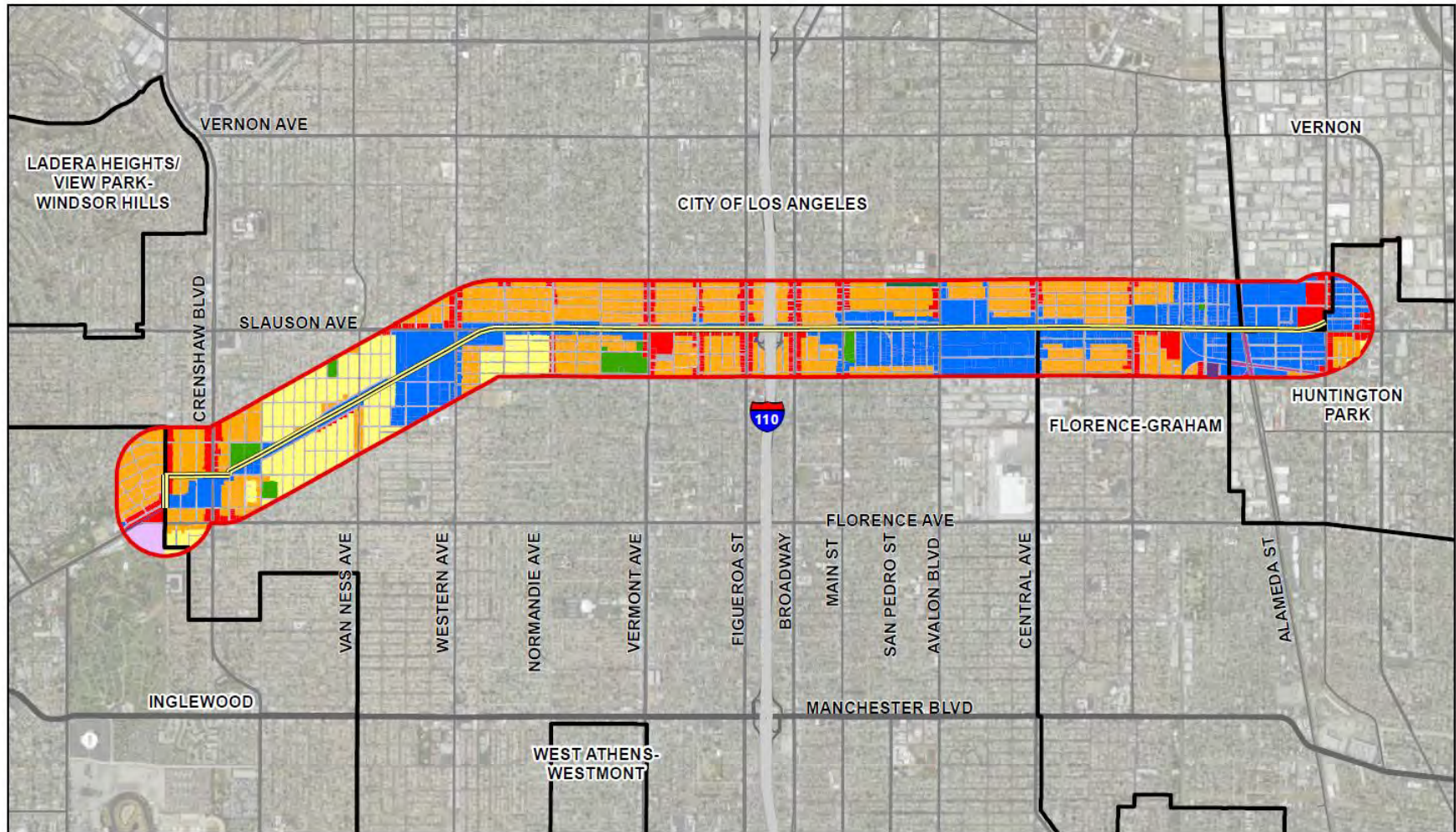
**TABLE 2: PROJECT CORRIDOR ADJACENT LAND USE, ZONING, AND GENERAL PLAN LAND USE DESIGNATIONS**

Corridor Segment	Jurisdiction	Adjacent Land Use	Zoning	General Plan Land Use Designation
West Blvd. between Redondo Blvd. and 68 <sup>th</sup> St.	West Adams-Baldwin Hills-Leimert Community in the City of Los Angeles; City of Inglewood (west of West Blvd.)	Commercial, Industrial	MR1-1VL (City of Los Angeles); C-3, R-3 (City of Inglewood) <sup>1</sup>	Limited Industrial (City of Los Angeles); Commercial, Medium Density Residential (City of Inglewood) <sup>1</sup>
West Blvd. between 68 <sup>th</sup> St. and 67 <sup>th</sup> St.	West Adams-Baldwin Hills-Leimert Community in the City of Los Angeles; City of Inglewood (west of West Blvd.)	Multi-family Residential, Church	C2-1 (City of Los Angeles), R-3 (City of Inglewood) <sup>1</sup>	[REDACTED] (City of Los Angeles), Medium Density Residential (City of Inglewood) <sup>1</sup>
67 <sup>th</sup> St. between West Blvd. and Victoria Ave.	West Adams-Baldwin Hills-Leimert Community in the City of Los Angeles	Single- and Multi-family Residential	R3-1 <sup>1</sup>	Medium Residential <sup>1</sup>
67 <sup>th</sup> St. between Victoria Ave. and Harbor Subdivision ROW	West Adams-Baldwin Hills-Leimert Community in the City of Los Angeles	Commercial and Single- and Multi-family Residential (north side of E. 67 <sup>th</sup> St.); Industrial (south side of E. 67 <sup>th</sup> St.)	R3-1, C2-1 (north side of E. 67 <sup>th</sup> St.); MR1-1VL (south side of E. 67 <sup>th</sup> St) <sup>1</sup>	Medium Residential, [REDACTED] (north side of E. 67 <sup>th</sup> St.); Limited Industrial (south side of E. 67 <sup>th</sup> St.) <sup>1</sup>
Harbor Subdivision ROW (between 67 <sup>th</sup> St. and 11 <sup>th</sup> St.)	West Adams-Baldwin Hills-Leimert Community in the City of Los Angeles	Single-family Residential (north side of E. 67 <sup>th</sup> St.); Industrial (south side of E. 67 <sup>th</sup> St.)	M1-1VL	Limited Industrial
Harbor Subdivision ROW (between 11 <sup>th</sup> St. and 8 <sup>th</sup> Ave.)	West Adams-Baldwin Hills-Leimert Community in the City of Los Angeles	Los Angeles Unified School District Maintenance & Operation (north side of rail ROW); Industrial (south side of rail ROW)	M1-1VL	Limited Industrial
Harbor Subdivision ROW (between 8 <sup>th</sup> Ave. and 4 <sup>th</sup> Ave.)	West Adams-Baldwin Hills-Leimert Community in the City of Los Angeles	Single- and Multi-family Residential, Industrial	CM-1VL	Commercial Manufacturing
Harbor Subdivision ROW (between 4 <sup>th</sup> Ave. and Van Ness Ave.)	West Adams-Baldwin Hills-Leimert Community in the City of Los Angeles	Single- and Multi-family Residential, Industrial	M1-1VL	Limited Industrial
Harbor Subdivision ROW (between Van Ness Ave. and Wilton Pl.)	South Los Angeles Community in the City of Los Angeles	Single- and Multi-family Residential, Industrial	M1-1	Light Industrial
Harbor Subdivision ROW (between Wilton Pl. & Slauson Ave.)	South Los Angeles Community in the City of Los Angeles	Industrial, Commercial	M1-1	Light Industrial
Harbor Subdivision ROW (east of Western Ave. to west of Vermont Ave.)	South Los Angeles Community in the City of Los Angeles	Youth Build Charter School of California, Church, Commercial, Industrial, Single-family Residential	CM-1	Commercial Manufacturing
Harbor Subdivision ROW at Slauson Ave./Vermont Ave. intersection	South Los Angeles Community in the City of Los Angeles	Commercial	C2-2	Commercial Manufacturing

Corridor Segment	Jurisdiction	Adjacent Land Use	Zoning	General Plan Land Use Designation
Harbor Subdivision ROW (between Vermont Ave. and Figueroa St.)	South Los Angeles Community in the City of Los Angeles	Commercial, Industrial, Single-family Residential	CM-1	Commercial Manufacturing
Harbor Subdivision ROW (between Figueroa St. and Broadway)	Southeast Los Angeles Community in the City of Los Angeles	Commercial, Industrial, Single-family Residential, Parking Lot	M1-1	Limited Industrial
Harbor Subdivision ROW at Slauson Ave./Broadway intersection	Southeast Los Angeles Community in the City of Los Angeles	Commercial, Industrial, Parking Lot	C2-1	Neighborhood Commercial
Harbor Subdivision ROW east of Broadway and west of Main St.	Southeast Los Angeles Community in the City of Los Angeles	Single- and Multi-family Residential, Offices, Commercial, Church	R2-1	Low Medium I Residential
Harbor Subdivision ROW at Slauson Ave./Main St. Intersection	Southeast Los Angeles Community in the City of Los Angeles	Hubert H. Humphrey Comprehensive Health Center, Juanita Tate Elementary School, Commercial, Industrial	M1-1	Limited Industrial
Harbor Subdivision ROW between Main St. and Central Ave.	Southeast Los Angeles Community in the City of Los Angeles	Los Angeles Academy Middle School, Commercial, Industrial	MR1-1	Limited Industrial
Harbor Subdivision ROW (between Central Ave. and Compton Ave.)	Florence (unincorporated community in County of Los Angeles)	Commercial, Industrial	M-2	Public and Semi-Private
Harbor Subdivision ROW (between Compton Ave. and Long Beach Ave.)	Florence (unincorporated community in County of Los Angeles)	Augustus F. Hawkins Nature Park, Commercial, Industrial	M-1	Public and Semi-Private
Harbor Subdivision ROW (between Long Beach Ave. and Alba St./Wilmington Ave.)	Florence (unincorporated community in County of Los Angeles)	Commercial, Industrial	C-M	Public and Semi-Private
Harbor Subdivision ROW (between Alba St./Wilmington Ave. and Alameda St.)	City of Huntington Park	Industrial	n/a <sup>2</sup>	n/a <sup>2</sup>
Harbor Subdivision ROW (between Alameda St. and S. 1 <sup>st</sup> St.)	City of Vernon	Medical offices, Industrial	Industrial	Industrial
Harbor Subdivision ROW (between S. 1 <sup>st</sup> St. and Santa Fe Ave.)	City of Huntington Park, City of Vernon	Commercial, Industrial	n/a (City of Huntington Park) <sup>2</sup> ; Commercial-2 (City of Vernon)	n/a (City of Huntington Park) <sup>2</sup> ; Commercial (City of Vernon)
<p>Notes:</p> <p><sup>1</sup> Zoning and General Plan Land Use designation adjacent to the street ROW.</p> <p><sup>2</sup> No Zoning and General Plan land use designation is available for the portion of the ROW that is within the City of Huntington Park.</p> <p>SOURCE: Terry A. Hayes Associates, 2016; <a href="http://zimas.lacity.org">http://zimas.lacity.org</a>, accessed on August 2, 2016; West Adams-Baldwin Hills-Leimert Community Plan, General Plan Land Use Map, December 8, 2010; Southeast Los Angeles Community Plan, General Plan Land Use Map, August 22, 2013; South Los Angeles Community Plan, General Plan Land Use Map; May 29, 2015.</p>				



FIGURE 8: ZONING WITHIN 0.25 MILES OF PROJECT CORRIDOR

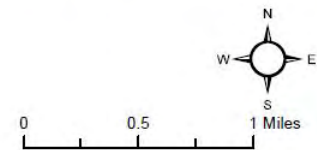


**LEGEND:**

- Jurisdictional Boundary
- 0.25 miles of Project
- Project Corridor

**Generalized Zoning**

- Single-Family Residential
- Multi-Family Residential
- Manufacturing
- Commercial
- Public Facility
- Transportation
- Open Space
- Parking
- Special Cemetery
- Institutional



### 3.3. TRAFFIC AND TRANSPORTATION

#### 3.3.1. Traffic

The existing street system in the Study Area consists of a roadway system that includes freeways, as well as arterials, collector, and local streets. Regional access to the Project corridor is provided by I-110, which runs north-south within the vicinity of the Project corridor. Slauson Avenue parallels the Project corridor east of Western Avenue to Santa Fe Avenue. Direct north-south access to the Project corridor is provided by all intersecting arterials, as well as by many collectors and some local streets. Arterials that intersect with the Project Corridor include Compton Avenue, Hooper Avenue, Central Avenue, Avalon Boulevard, San Pedro Street, Main Street, Broadway, Figueroa Street, Hoover Street, Vermont Avenue, Normandie Avenue, Western Avenue, Van Ness Avenue, and Crenshaw Boulevard.

Public transit in the area surrounding the Project corridor is provided by Metro and Los Angeles Department of Transportation's (LADOT) Downtown Area Short Hop (DASH) transit service. Metro bus lines 108 and 358 provide service east/west along Slauson Avenue. North/south bus connections are available at Compton Avenue (Lines 55/355/611), Hooper Avenue (Line 102), Central Avenue (Line 53), Avalon Boulevard (Lines 51/52/351), Main Street (Line 48), Broadway (Lines 45/745), Figueroa Street (Line 81), Vermont Avenue (Lines 754/204), Normandie Avenue (Line 206), Western Avenue (Lines 757/207), Van Ness Avenue (Line 209), and Crenshaw Boulevard (Lines 710/740/40/210).

Along the Project corridor, the Southeast DASH bus line runs on Slauson Avenue between Main Street and Vermont. The Chesterfield Square DASH bus line runs along Slauson Avenue between Hoover Street and Vermont Avenue. The Vermont/Main DASH bus line runs along Slauson Avenue between Vermont Avenue and Main Street. Within the vicinity of the Project corridor, the Pueblo del Rio DASH bus line runs north-south between Gage Avenue and Vernon Avenue. This route crosses Slauson Avenue on Holmes Avenue.

Connections to regional transit service are available at the Metro Blue Line Slauson Avenue Station and at the Metro Silver Line Slauson Avenue Station. A future regional transit service connection will be available at the west end of the Project corridor when the Crenshaw/LAX Fairview Heights station opens in 2019.

A Transportation Analysis Report was conducted by Fehr & Peers for the Project in January 2017 (see **Appendix A**). The Transportation Analysis Report examined 21 signalized intersections and 5 unsignalized locations:

- Signalized Intersections:
  1. Slauson Avenue/Alameda Street (operated by the City of Huntington Park)
  2. Slauson Avenue/Holmes Avenue (operated by the County of Los Angeles)
  3. Slauson Avenue/Compton Avenue (operated by the County of Los Angeles)
  4. Slauson Avenue/Hooper Avenue (operated by the County of Los Angeles)
  5. Slauson Avenue/Central Avenue



6. Slauson Avenue/McKinley Avenue
  7. Slauson Avenue/Avalon Boulevard
  8. Slauson Avenue/San Pedro Street
  9. Slauson Avenue/Main Street
  10. Slauson Avenue/Broadway
  11. Slauson Avenue/I-110 SB ramp
  12. Slauson Avenue/I-110 NB ramp
  13. Slauson Avenue/Figueroa Street
  14. Slauson Avenue/Hoover Street
  15. Slauson Avenue/Vermont Avenue
  16. Slauson Avenue/Budlong Avenue
  17. Slauson Avenue/Normandie Avenue
  18. Slauson Avenue/Denker Avenue
  19. 67<sup>th</sup> Street/Crenshaw Boulevard
  20. 67<sup>th</sup> Street/West Boulevard
  21. Florence Avenue/West Boulevard
- Unsignalized Locations:
    1. Slauson Avenue/Long Beach Avenue W.
    2. Slauson Avenue east of Western Avenue
    3. Western Avenue south of Slauson Avenue
    4. Van Ness Avenue south of Hyde Park Boulevard
    5. 67<sup>th</sup> Street/11<sup>th</sup> Avenue

The Highway Capacity Manual’s “Operational Analysis” delay-based methodology was used to determine the level of operation at all signalized intersections that were examined in the Transportation Analysis Report. This operational method determines the key operating characteristics of signalized intersections. These characteristics are used to evaluate the operation of each signalized intersection, which is described generally in terms of level of service (LOS) and expressed in terms of seconds of delay. **Table 3** provides delay-based LOS definitions for signalized intersections. Under the criteria established by Metro, the Project would have an adverse effect on traffic when the increase in vehicle delay is equal to or greater than 5.0 seconds for intersections operating at LOS E or F. Intersections operating at LOS D or better are not considered to have an adverse effect regardless of the Project-related increase in vehicle seconds of delay.

**TABLE 3: LEVEL OF SERVICE DEFINITIONS FOR SIGNALIZED INTERSECTIONS**

Level of Service	Average Stopped Delay per Vehicle (seconds)	Definition
A	≤10	EXCELLENT. No vehicle waits longer than one red light and no approach phase is fully used.
B	>10 and ≤20	VERY GOOD. An occasional approach phase is fully utilized; many drivers begin to feel somewhat restricted within groups of vehicles.
C	>20 and ≤35	GOOD. Occasionally drivers may have to wait through more than one red light; backups may develop behind turning vehicles.
D	>35 and ≤55	FAIR. Delays may be substantial during portions of the rush hours, but enough lower volume periods occur to permit clearing of developing lines, preventing excessive backups.
E	>55 and ≤80	POOR. Represents the most vehicles intersection approaches can accommodate; may be long lines of waiting vehicles through several signal cycles.
F	>80	FAILURE. Backups from nearby locations or on cross streets may restrict or prevent movement of vehicles out of the intersection approaches. Tremendous delays with continuously increasing queue lengths.

**SOURCE:** Transportation Research Board, *Highway Capacity Manual*, 2000.

The Project would attract new pedestrian and bicycle trips to the Project corridor but would not generate new vehicle trips or result in a redistribution of traffic patterns. The Project design includes various components to promote pedestrian and bicycle flow without disrupting traffic. A key component of the Project is the modification of traffic signal phasing to facilitate bicycle and pedestrian flow along the Project corridor, and to eliminate conflicts between vehicle and active transportation traffic in order to reduce safety hazards. To this end, east-west minimum green time at signalized intersections along the Project corridor would be extended to allow for automatic recall of the pedestrian walk phase, and eliminate the need for bicyclists and pedestrians to manually request a pedestrian walk signal. Under existing conditions, the majority of eastbound left-turns along the Project corridor are protected. With implementation of the Project, eastbound left-turn protections would be extended to all signalized intersections to prevent conflict between vehicles needing to head north across the Project corridor and bicyclists and pedestrians crossing street intersections in an east/west direction. Additionally, under existing conditions, the majority of the signalized intersections include southbound “no right-turn-on-red” restrictions due to the presence of the freight rail crossings. These restrictions would be maintained and extended to the westbound right-turn movement to prevent conflicts between southbound right-turning vehicles or westbound right-turning vehicles and bicyclists and pedestrians crossing east-west along the Project corridor during the pedestrian walk phase.

At two unsignalized intersections along the Slauson Avenue portion of the Project corridor (Towne Avenue and Paloma Avenue), the Project would prohibit eastbound left turns to eliminate the conflict between users of the Project corridor and eastbound left turning

vehicles. For the traffic analysis, eastbound left turn volumes from Towne Avenue and Paloma Avenue were shifted evenly to the intersections immediately adjacent to these two streets.

No north-south crosswalks currently exist at the I-110 north- and southbound on- and off-ramps on Slauson Avenue, including the Metro Silver Line Slauson station, which is located in the center of I-110. The Project would provide north-south crosswalks at the interior of the intersection of each ramp closest to the Silver Line Slauson station (i.e., north-south crosswalks would be provided at the east side of the I-110 southbound ramps and at the west side of the I-110 northbound ramps). Due to the likely number of pedestrian crossings per hour with implementation of the Project, as well as in the interest of maintaining freeway-bound vehicular operations to the closest degree to existing conditions as possible, the traffic analysis assumes that pedestrian crossing signals at the ramps would be actuated by the bicyclist or pedestrian, rather than on automatic recall.

At the intersection of 67<sup>th</sup> Street and Crenshaw Boulevard, a pedestrian-only, diagonal crossing phase has been simulated through the analysis of an extended all-red phase. Signal timings would be optimized to better accommodate overall traffic flow following the above modifications.

Three new traffic signals (including midblock locations) are proposed for the Project and were evaluated in the traffic analysis:

- Slauson Avenue/Long Beach Avenue
- Slauson Avenue east of Western Avenue
- Western Avenue south of Slauson Avenue

Currently, at the Slauson Avenue/Long Beach Avenue intersection, no north-south pedestrian crossing facility connects the Metro Blue Line Slauson light rail station on the south side of the street with the neighborhood to the north. During field observations, numerous pedestrians were observed crossing north-south across Slauson Avenue, often needing to run to avoid high-speed traffic. In order to provide a direct connection between the Project corridor on the north side of Slauson Avenue and the light rail station and bus stop on the south side of the street, as well as to facilitate existing pedestrian travel between the station and the neighborhood to the north, a north-south pedestrian crosswalk with signal would be implemented at this location.

At the diagonal segment of the Project corridor, two-phase pedestrian signals would be implemented at two streets that intersect with the Project corridor: Slauson Avenue east of Western Avenue and Western Avenue south of Slauson Avenue. The pedestrian signals would facilitate pedestrian and bicycle flow along the Project corridor. The pedestrian signal would be coordinated with upstream and downstream signals in order to best maintain traffic operations. To provide the most conservative estimate of the impact of pedestrian crossings on vehicle traffic, the traffic analysis assumes that the pedestrian call button triggering the signal would be activated once per cycle.

To evaluate the potential impacts of the Project in opening year (Year 2019) conditions, future traffic conditions in the area surrounding the Project corridor was estimated. The traffic volumes projected for the No Build scenario take into account the expected changes in traffic over existing conditions from two primary sources: 1) ambient growth in the existing traffic volumes due to the effects of overall regional growth and development outside the study area, and 2) traffic generated by specific development projects in, or in the vicinity of, the Project corridor. The methods used to account for these factors can be found in the Transportation Analysis Report, which is located in **Appendix A**.

**Table 4** compares Project with No Build scenario LOS. **Table 5** summarizes the LOS at the new mid-block crossings proposed under the Project. All 21 analyzed intersections and the four new signalized crossings are projected to operate at LOS D or better during one or both of the peak hours under Project conditions. Therefore, the Project would not result in adverse effects related to intersection delay.

TABLE 4: INTERSECTION LEVEL OF SERVICE ANALYSIS

ID	N/S Street Name	E/W Street Name	Peak Hour	No Build		Project		Project Increase	Significant Impact Yes/No
				Delay (sec)	LOS	Delay (sec)	LOS	With Delay (sec)	
1	Alameda Ave.	Slauson Ave.	AM	48	D	48	D	0	NO
			PM	44	D	44	D	0	NO
2	Holmes Ave.	Slauson Ave.	AM	19	B	19	B	0	NO
			PM	17	B	18	B	1	NO
3	Compton Ave.	Slauson Ave.	AM	23	C	26	C	3	NO
			PM	25	C	21	C	-4	NO
4	Hooper Ave.	Slauson Ave.	AM	14	B	18	B	4	NO
			PM	11	B	20	B	9	NO
5	Central Ave.	Slauson Ave.	AM	35	C	32	C	-3	NO
			PM	38	D	36	D	-2	NO
6	McKinley Ave.	Slauson Ave.	AM	23	C	23	C	0	NO
			PM	16	B	16	B	1	NO
7	Avalon Blvd.	Slauson Ave.	AM	35	C	35	C	0	NO
			PM	37	D	37	D	0	NO
8	San Pedro St.	Slauson Ave.	AM	23	C	24	C	1	NO
			PM	32	C	33	C	1	NO
9	Main St.	Slauson Ave.	AM	51	D	36	D	-15	NO
			PM	39	D	36	D	-3	NO
10	Broadway	Slauson Ave.	AM	50	D	49	D	-1	NO
			PM	39	D	37	D	-2	NO
11	I-110 NB Ramp	Slauson Ave.	AM	20	B	25	C	5	NO
			PM	23	C	26	C	3	NO
12	I-110 SB Ramp	Slauson Ave.	AM	19	B	14	B	-5	NO
			PM	7	A	8	A	1	NO
13	Figueroa St.	Slauson Ave.	AM	69	E	66	E	-3	NO
			PM	68	E	45	D	-23	NO
14	Hoover Ave.	Slauson Ave.	AM	32	C	34	C	2	NO
			PM	29	C	29	C	0	NO
15	Vermont Ave.	Slauson Ave.	AM	31	C	31	C	0	NO
			PM	37	D	37	D	0	NO
16	Budlong Ave.	Slauson Ave.	AM	10	A	12	B	2	NO
			PM	24	C	26	C	2	NO
17	Normandie	Slauson Ave.	AM	49	D	50	D	1	NO
			PM	34	C	37	D	3	NO
18	Denker Ave.	Slauson Ave.	AM	10	A	11	B	1	NO
			PM	16	B	28	C	12	NO
19	Crenshaw Blvd.	67 <sup>th</sup> St.	AM	13	B	14	B	1	NO
			PM	13	B	13	B	0	NO
20	West Blvd.	67 <sup>th</sup> St.	AM	8	A	11	B	3	NO
			PM	5	A	10	A	5	NO
21	West Blvd.	Florence Ave.	AM	29	C	29	C	0	NO
			PM	26	C	26	C	0	NO

SOURCE: Fehr & Peer, Draft Transportation Analysis Report: Rail to Rail Active Transportation Corridor Project, January 2017.

**TABLE 5: NEW SIGNALIZED CROSSING LEVEL OF SERVICE ANALYSIS**

ID	N/S Street Name	E/W Street Name	Crossing Type	Analyzed Periods	Delay	LOS
1	Long Beach Ave.	Slauson Ave.	Intersection	AM	3	A
				PM	3	A
2	Slauson Ave.	e/o Western Ave.	Midblock	AM	6	A
				PM	6	A
3	Western Ave.	s/o Slauson Ave.	Midblock	AM	6	A
				PM	6	A
4	Van Ness Ave.	s/o Hyde Park Blvd.	Midblock	AM	6	A
				PM	6	A

SOURCE: Fehr & Peer, *Draft Transportation Analysis Report: Rail to Rail Active Transportation Corridor Project*, January 2017.

### 3.3.2. Parking

The Project corridor currently does not have any designated public parking spaces. However, several portions of the Metro-owned ROW (such as at the northeast corner of Towne Avenue/Slauson Avenue and between McKinley Avenue and Central Avenue) are currently used for informal parking. The vehicles are illegally parked on the Metro-owned ROW and, currently, the Los Angeles Police Department (LAPD) could cite and tow the vehicles parked within the Metro-owned ROW. At the northeast corner of Towne Avenue/Slauson Avenue, an approximately 15-foot strip of unpaved land is situated between the Metro-owned ROW and buildings and fences of the adjacent property. Vehicles that are parked diagonally in this area typically do not encroach onto the Metro-owned ROW. However, some vehicles park perpendicular to the Metro-owned ROW. These vehicles illegally encroach onto the Metro-owned ROW. Additionally, vehicle must use the Metro-owned ROW to access these informal spaces (for diagonal and perpendicular parking). However, existing on-street parking spaces are available in the areas surrounding the Project corridor. The Project would not remove any designated public parking spaces.

Metro currently leases the Metro-owned ROW between Holmes Avenue and Alba Street for vehicle and truck parking. The ground lease agreement in the area between Holmes Avenue and Bandera Street was obtained after Metro acquired the Harbor Subdivision ROW from ATSF. Tenants for this ground lease would not be eligible for relocation assistance and compensation. However, Metro would offer relocation advisory assistance and general assistance if requested. The ground lease in the area between Alba Street and Bandera Street was obtained prior to Metro’s purchase of the Harbor Subdivision ROW from ATSF. This location would be eligible for relocation assistance and compensation per the per the Uniform Relocation Assistance and Real Property Acquisition Policies Act, pursuant to 49 CFR Part 24, and the California Relocation Act.

The Project would not remove any designated public parking spaces, and the Project is not anticipated to result in a permanent loss of parking. Therefore, the Project would not result in an adverse effect related to parking.

### 3.3.3. Transportation

The Project would improve access for pedestrians, cyclists, and transit riders to major transit facilities, such as the Metro Crenshaw/LAX Light Rail Transit Line, the Harbor Transit Way, the Metro Blue Line, and various rapid and local bus lines. Therefore, the Project would not result in an adverse effect related to bus services.

### 3.4. CULTURAL RESOURCES

A Cultural Resources Study was completed by Rincon Consultants, Inc. for the Project on February 27, 2017 (see **Appendix B**). Section 106 of the NHPA requires the delineation of an Area of Potential Effect (APE). Under 36 CFR Part 800.16(d), APE is defined as the “geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties, if any such properties exist.” The APE for the Project comprises the 6.4-mile section of the Harbor Subdivision ROW. Along the Project corridor, the Metro-owned ROW ranges from approximately 25 feet to 105 feet in width. The depth of ground disturbance for the Project corridor is not expected to exceed five feet.

The National Register of Historic Places (NRHP) recognizes properties that are significant at the federal, state, and/or local levels. Listing in the NRHP assists in preservation of historic properties through: recognition that a property is of significance to the nation, the state, or the community; consideration in the planning for federal or federally-assisted projects; eligibility for federal tax benefits; consideration in the decision to issue a surface coal mining permit; and qualification for federal assistance for historic preservation, when funds are available. In addition, for projects that receive federal funding, a clearance process must be completed in accordance with Section 106 of the NHPA. Furthermore, state and local regulations may apply to properties listed in the NRHP.

To be considered eligible for listing in the NRHP, properties must meet any or all of the following criteria:

- Criterion A: Associated with events that have made a significant contribution to the broad patterns of our history.
- Criterion B: Associated with the lives of persons significant in our past.
- Criterion C: Embody the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.
- Criterion D: Yield, or may be likely to yield, information important in prehistory or history.

In addition to meeting any or all of the above criteria, properties must also possess integrity of location, design, setting, feeling, workmanship, association, and materials.

The criteria for eligibility for the California Register of Historical Resources (CRHR) are based upon NRHP criteria. These criteria are:

- Criterion 1: Associated with events that have made a significant contribution to the broad patterns of local or regional history or the cultural heritage of California of the United States.
- Criterion 2: Associated with the lives of persons important to local, California or national history.
- Criterion 3: Embodies the distinctive characteristics of a type, period, region or method of construction or represents the work of a master or possesses high artistic values.
- Criterion 4: Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California or the nation.

A historic resource eligible for listing in the CRHR must meet one or more of the criteria of significance described above and retain enough of its historic character or appearance to be recognizable as a historic resource and to convey the reasons for its significance. Historical resources that have been rehabilitated or restored may be evaluated for listing.

The California Historical Resources Information System (CHRIS) at the South Central Coastal Information Center (SCCIC) located at the California State University, Fullerton was searched to identify all previous cultural resources work and previously recorded cultural resources (including resources listed in the NRHP and CRHR) within 0.25 miles of the Project APE. The SCCIC records search identified a total of 31 previous studies within 0.25 miles of the Project APE, 11 of which included a portion of the Project APE. The SCCIC records search identified 20 previously recorded cultural resources within 0.25 miles of the Project APE, of which one is located directly adjacent to the APE and none are located within the APE (see **Table 6**).

In addition, a review of the City of Los Angeles historic-cultural monument (HCM) report indicates that none of the uses adjacent to the Project corridor are designated local historic resources. According to the *SurveyLA: South Los Angeles Historic Resources Survey Report*, two properties adjacent to the Project corridor may be eligible to be listed in the NRHP, CRHP, or the locally designated HCM. The two properties are the Foster Planing Mill at 262 58<sup>th</sup> Street and a Quonset hut at 1334 58<sup>th</sup> Street. The report indicates that additional research is needed to determine whether the two properties are eligible to be listed in the NRHP, CRHP, or the locally designated HCM. The Project does not involve any changes outside of the existing West Boulevard, 67<sup>th</sup> Street, and Harbor Subdivision ROWs. Thus, the Project is not expected to change the character or use of the two properties.

Cultural resource primary number 19-002859 is a clay utility conduit located directly adjacent to the Project APE. The conduit is underground, approximately 25 to 37 inches below the surface of the northernmost westbound lane of Slauson Avenue, approximately five feet from the Project corridor.



**TABLE 6: PREVIOUSLY RECORDED CULTURAL RESOURCES WITHIN 0.25 MILE OF THE PROJECT APE**

Primary Number	Description	NRHP/CRHR Eligibility Status	Recorded By and Year	Proximity to Project APE
19-002859	Clay conduit	Insufficient information	H. Brewer 2000	Adjacent
19-002860	Concrete storm drain	Insufficient information	D. Livingstone and J. Paniagua 2000	Outside
19-002863	Utility vault	Insufficient information	S. Kestler, H. Brewer, and D. Livingstone 2000	Outside
19-002870	Railroad signal tower	Insufficient information	J. Paniagua, H. Brewer, and D. Livingstone 2000	Outside
19-002871	Utility vault	Insufficient information	J. Paniagua and D. Livingstone 2000	Outside
19-004165	Historic refuse scatter and seepage pit	Insufficient information	C. Hunt and C. Barks 2010	Outside
19-186738	3008 W. Hyde Park; Commercial building	Recommended ineligible	S. Younger and J. Marvin 2002	Outside
19-186741	5600 S. Central Ave.; Commercial building	Insufficient information	J. Marvin, S. Younger, J. Michalsky 2002	Outside
19-187509	5734 S. Broadway; Commercial building	Recommended ineligible for NRHP	C. Taniguchi 2004	Outside
19-187537	114 E. 57 <sup>th</sup> Street; Single-family residence	Insufficient information	J. McKenna 2004	Outside
19-187538	118 E. 57 <sup>th</sup> St.; Single family residence	Insufficient information	J. McKenna 2004	Outside
19-187539	120-122 E. 57 <sup>th</sup> St.; Single-family residence	Insufficient information	J. McKenna 2004	Outside
19-187540	126 E. 57 <sup>th</sup> St.; Single-family residence	Insufficient information	J. McKenna 2004	Outside
19-187541	134 E. 57 <sup>th</sup> St.; Single-family residence	Insufficient information	J. McKenna 2004	Outside
19-187732	5921 S. Western Ave.; Industrial building/ warehouse	Presumed ineligible	N. Pletka and J. Marvin 2003	Outside
19-188503	2001 W. 60 <sup>th</sup> St.; Commercial building	Recommended ineligible for NRHP	K.A. Crawford 2009	Outside
19-188505	5900-5904 ½ S. Broadway St.; Commercial building	Recommended ineligible for NRHP	K.A. Crawford 2009	Outside
19-189329	1340 W. 58 <sup>th</sup> St.; Commercial building	Recommended ineligible for NRHP	D.E. Supernowicz 2007	Outside
19-189810	200 E. Slauson Ave.; Industrial building	Insufficient information	J. McKenna 2001	Outside
19-190078	5833 S. Avalon; Commercial building	Recommended ineligible for NRHP	K.A. Crawford 2012	Outside

**SOURCE:** Rincon, *Metro Rail to Rail Active Transportation Corridor Project Cultural Resources Study*, February 27, 2017.

The site was recorded in 2000 by H. Brewer when it was encountered during construction monitoring. According to Pacific Bell engineering records, the conduit contains four ducts housing copper telephone wire installed in 1922. The lines were still active at the time of recordation. No artifacts or other associated cultural materials were found in association with the conduit.

In addition to the record search, Native American scoping was also conducted. The Native American Heritage Commission (NAHC) was contacted to request a review of the Sacred Land File (SLF). Results from NAHC stated that the SLF request produced negative results. NAHC provided a list of eight groups or individuals to contact regarding information on cultural resources in or near the APE. Letters and follow-up phone calls to each of the eight contacts were made, and no response were received. Additionally, in accordance with State of California Assembly Bill (AB) 52, Native American consultation has been conducted. AB 52 consultation included a meeting between Metro and the Gabrielino Band of Mission Indians – Kizh Nation. The meeting resulted in the discussion of trade routes through the Project vicinity but did not identify tribal cultural resources within the APE. Communications with NAHC, informal Native American scoping, and email exchanges between Metro as part of the AB 52 consultation are included in **Appendix B** of the Cultural Resources Study. No cultural resources were identified within the Project APE as a result of the records search or the Native American consultation.

An intensive pedestrian survey of all accessible areas of the Project APE was completed on August 18, 2016. A reconnaissance-level survey was conducted on all areas that were not safely accessible. One built-environment resource was identified within the APE during the survey: the Harbor Subdivision ROW. Several features attributed to the Harbor Subdivision ROW including electrical boxes, connectors, rail switches, derailleurs, and exposed pipe were noted.

Neither the section of the railroad under evaluation nor the Harbor Subdivision ROW in its entirety appears to meet the eligibility criteria for the NRHP or the CRHR. Portions of the Harbor Subdivision ROW were constructed in the late 1800s and up through 1926 when it connected with the Belt Line Railroad at the Los Angeles Harbor. The railroad within the Harbor Subdivision ROW has lost integrity of design, materials, and workmanship. The 2006 Harbor Subdivision Transit Analysis report shows that the section passing through the Project APE is approximately postmile 2 through 9. In this area, the rails date from 1954 – 1998 and the rail ties date from 1979 – 1980. The area surrounding the Harbor Subdivision ROW has also changed dramatically since the railroad was originally constructed. The parcels adjacent to the Harbor Subdivision ROW have been developed with buildings of various uses. Therefore, the integrity of setting, feeling and association has been diminished. Thus, the Harbor Subdivision ROW and the railroad within the ROW is not considered to meet the criteria for listing in the NRHP or CRHR. Although the railroad is broadly associated with the development of the area (Criterion A/1), it has lost much of its integrity. Based on current research, it is not known to be associated with the lives of persons significant in our past (Criterion B/2). It does not embody distinctive characteristics of a type, period or method of

construction, represent the work of a master, or possess high artistic values. No special engineering or construction techniques were known to be used in the construction of the railroad (Criterion C/3). There is no information to indicate that the property has the potential to yield information important to prehistory or history (Criterion D/4). As the railroad within the Project corridor does not meet Criteria 1 through 4, the railroad was determined not eligible for inclusion in the NRHP.

As discussed, no cultural resources were identified within the APE as a result of the records search or the Native American and historic group consultation. One historic-era built environment resource was identified within the APE during the pedestrian survey: a 6.4-mile section of the Harbor Subdivision ROW. This rail segment was determined not eligible for inclusion in the NRHP. Therefore, the Project would not result in an adverse effect related to cultural resources.

Most of the Project corridor has been previously disturbed due to rail construction with gravel and or pavement obscuring 90 percent of the surface within the Project corridor. No archaeological and paleontological resources were identified within the Project corridor during the pedestrian survey of all accessible areas and during the reconnaissance-level survey of the Project APE (see the Cultural Resources Study in **Appendix B**). Ground disturbing activities from construction of the railroad within the Harbor Subdivision ROW has likely destroyed any archaeological and paleontological resources that may have existed on the surface of the Project corridor and grading for the rail would have likely caused significant damage to subsurface deposits.

In the unlikely event that archaeological and paleontological resources are encountered during excavation (which would include up to five feet of excavation), grading, or construction of the Project, Metro would be notified immediately, and all work would cease in the area of the find until a qualified archaeologist or paleontologist evaluates the find. The found deposits would be treated in accordance with federal, state and local guidelines, including those set forth in Public Resources Code (PRC) Section 21083.2. Therefore, the Project would not result in an adverse effect related to archaeological and paleontological resources during construction.

### **3.5. NOISE AND VIBRATION**

Noise sensitive land uses are listed in **Table 1**, above. In addition, single- and multi-family residential uses are located adjacent to and within the vicinity of the Project corridor.

Existing noise levels were monitored at various locations within the vicinity of the Project corridor between 9:00 a.m. and 2:00 p.m. on August 11, 2016. These readings were used to establish existing ambient noise conditions. No freight train activities occurred during the noise measurements. As shown in **Table 7**, averaged 15-minute noise levels were between 55.7 and 71.5 dBA ( $L_{eq}$ ).

**TABLE 7: EXISTING NOISE LEVELS**

Noise Measurement Location	Noise Level (dBA, Leq)
1. Rail ROW west of Santa Fe Ave.	62.3
2. Augustus F. Hawkins Nature Park (noise measurement was taken 270 feet north of the corridor)	55.7
3. Estrella Elementary School (noise measurement was taken 350 feet north of the corridor on Main St.)	71.5
4. Augustus F. Hawkins High School (noise measurement was taken 190 feet south of the corridor on Menlo Ave.)	62.8
5. Residential Use at 58 <sup>th</sup> St. (noise measurement was taken 100 feet north of the corridor)	55.4
6. Residential Use at Wilton Pl. (noise measurement was taken 120 feet south of the corridor)	57.8
7. Industrial Use at 8 <sup>th</sup> Ave. (noise measurement was taken 140 feet north of the corridor)	66.1
8. Residential Use at 67 <sup>th</sup> St. (noise measurement was taken adjacent to Option 1 portion of the corridor and 600 feet north of Option 2 of the corridor)	60.5

**SOURCE:** Terry A. Hayes Associates, 2016.

The Project would not include a mechanical source of noise. Low-level noise would be generated by bicyclists and pedestrians having conversations on the path. It is anticipated that noise generated on the bike path would be overshadowed by existing traffic noise. Normal conversation (i.e., not raised voices) generates a noise level of approximately 54 A-weighted decibels (dBA) at six feet.<sup>3</sup> Conversational noise occurring along the Project corridor would be consistent with existing noise levels. Regarding vibration, bicycle and other activities that would occur along the Project corridor would not generate vibration. Therefore, the Project would not result in an adverse effect related to operational noise or vibration.

### 3.6. ACQUISITIONS AND RELOCATIONS

**Leases.** Metro has five ground lease agreements that are within the Project corridor. These lease agreements would be terminated with implementation of the Project. No commercial or residential structures are within the areas leased by Metro.

The five businesses with ground leases entered into the lease agreements for vehicle and/or truck parking, storage, and/or construction staging. Three of these ground leases are on a month-to-month basis. One of the leases (located on Slauson Avenue between Normandie Avenue and Budlong Avenue) has a lease term that ends in December 2018. After the lease ends, the lease will be on a month-to-month basis. This business uses the Metro-owned property for construction staging and storage, including dirt piles, for the Crenshaw/LAX Light Rail transit project. As discussed in Subsection 3.3.2., Parking, one of the tenants (located on

<sup>3</sup>The Engineering Toolbox, *Voice Level and Distance*, [http://www.engineeringtoolbox.com/voice-level-d\\_938.html](http://www.engineeringtoolbox.com/voice-level-d_938.html), accessed February 23, 2017.

Slauson Avenue between Alba Street and Bandera Street) has a ground lease agreement on the Harbor Subdivision ROW that was obtained prior to Metro's purchase of ROW from ATSF. This tenant would be eligible for relocation assistance and compensation per the Uniform Relocation Assistance and Real Property Acquisition Policies Act, pursuant to 49 CFR Part 24, and the California Relocation Act. The other four lease agreements were obtained after Metro acquired the Harbor Subdivision ROW. As these tenants entered into lease agreements with Metro after Metro's purchase of the Harbor Subdivision ROW, the affected tenants would not be eligible to receive financial assistance to relocate. However, Metro would offer relocation advisory assistance and other general assistance if requested by the tenants.

The Project would occur completely within public street ROW and Metro-owned Harbor Subdivision ROW. The Project does not involve acquisition of properties and does not require any permanent easements. Metro's standard practice is to send affected tenants a courtesy letter one year prior to the start of a project or lease termination to ensure that the affected tenants are adequately informed and are provided a reasonable amount of time to relocate. Although no formal courtesy letters have been sent to the affected tenants yet, the affected tenants have been notified about the Project through mailings that informed them about the community meetings that were held for the Project on January 26, 2017. In addition, Metro would provide the affected tenants with at least a 90-day termination notice of the actual lease termination date. As previously mentioned, Metro would provide relocation assistance and compensation for tenants whose leases were acquired by Metro when Metro purchased the Harbor Subdivision ROW. For the affected tenants whose lease agreements were obtained after Metro's purchase of the Harbor Subdivision ROW, Metro would offer relocation advisory assistance and other general assistance if requested. Therefore, the Project would not result in an adverse effect related to acquisition and relocation.

**Encroachments and Informal Uses along Project Corridor.** Several uses along the Project corridor do not have lease agreements with Metro to use the Harbor Subdivision ROW. These include [REDACTED] encampments and adjacent businesses that use the Harbor Subdivision ROW for parking and/or access to businesses. The re-use of the Harbor Subdivision ROW for bicycle and pedestrian pathways, fencing along the perimeter of the Project corridor, and landscaping would eliminate informal uses and encroachments that currently take place within the Project corridor.

Several transient encampments physically obstruct the Harbor Subdivision ROW between Van Ness Avenue and Western Avenue. This portion of the Harbor Subdivision ROW is primarily located between commercial and industrial uses. Based on field observations of the Project corridor, approximately 20 to 30 individuals are in tent encampments within this portion of the Project corridor. Prior to construction, the encampments would be removed and signs and fences would be placed around the Project corridor. Metro has developed a Homeless Strategic Plan, which aims at maintaining a safe and clean environment for Metro patrons while connecting homeless persons in the transit system to services and resources. As part of the Strategic Plan, Metro works with the Los Angeles County Department of Mental Health, the Los Angeles Homeless Services Authority and deputies from the Los Angeles County

Sheriff's Department (LASD) to respond to homelessness by working with homeless individuals and families and connecting them to resources and services. Encampments affected by the Project would be approached at least 30 days prior to the start of any site work. Anyone living within the Project corridor will be provided with information pertaining to public services and be directed to the City of Los Angeles for housing and any other additional social service needs.

Portions of the Harbor Subdivision ROW are currently used for informal parking and/or to access adjacent businesses. As discussed in Section 3.3.2, Parking, vehicles that are parked diagonally at the northeast corner of Towne Avenue/Slauson Avenue typically do not encroach onto the Metro-owned ROW. However, vehicles that park perpendicular to the Metro-owned ROW illegally encroach onto the Metro-owned ROW. Regardless of whether the vehicles are parked diagonally or perpendicularly, vehicles must use the Metro-owned ROW to access these informal spaces. With implementation of the Project, the northerly perimeter of the Metro-owned ROW would be fenced and these informal parking spaces would no longer be available. However, the Project would not remove any designated public parking spaces, and on-street parking spaces would still be permitted in the surrounding streets. Additionally, the formal driveway and entrance to this property is located on 58<sup>th</sup> Street and would remain available with implementation of the Project. Thus, adverse indirect business effects are not anticipated.

Between McKinley Avenue and Central Avenue, eight parcels are directly adjacent to the Harbor Subdivision ROW. Businesses on these parcels use the southern portion of the properties and portions of the Harbor Subdivision ROW to access the properties in the middle of the block and for parking. The businesses are light industrial and retail in nature. Six of the eight parcels currently have parking lots situated at the rear or side of the properties. Additionally, six parcels in this block are only accessible from adjacent parcels and the Harbor Subdivision ROW. The buildings on these parcels are set back between approximately 20 to 45 feet from the Harbor Subdivision ROW. Approximately 30 to 35 vehicles associated with these businesses currently parallel park within the Harbor Subdivision ROW in unmarked spaces. These vehicles are parked illegally along the Harbor Subdivision ROW and LAPD could cite and tow these vehicles for illegal trespassing. With implementation of the Project, the northerly perimeter of the Project corridor in this area would be fenced to prevent illegal parking within the Harbor Subdivision ROW. Adjacent property owners may need to reconfigure access to their businesses and parallel parking would be shifted approximately four to eight feet northward. Approximately 75 to 80 percent of the informal parking spaces would be maintained. Additionally, businesses would still be able to access and use the existing parking lots [REDACTED] in their property. As the vehicles are currently parked illegally within the Harbor Subdivision ROW, any indirect adverse effects are solely the responsibility of the property owner and does not result from the Project. T [REDACTED] adverse indirect business effects are not anticipated.

[REDACTED]  
sometime in the past, there was a railroad siding tract that crossed Slauson Avenue in this

area. These tracks still remain in the street. To accommodate the siding track, a curb cut was provided on the north side of Slauson Avenue. Since abandonment of the siding, the curb cut has been converted to a driveway crossing of the Harbor Subdivision ROW from Slauson Avenue. Metro does not have a lease arrangement for this driveway crossing, and no permitted driveway is shown in the City of Los Angeles land use records. The driveway serves as an additional (more convenient) access for several retail/light industrial businesses located north of the Harbor Subdivision ROW between McKinley Avenue and Central Avenue. Formal driveway access to these business is available from curb cuts at McKinley Avenue and Central Avenue through some type of informal arrangement with adjacent property owners. The Los Angeles County Office of the Assessor does not have records that designate this area as a street, alley, or easement. With implementation of the Project, the encroaching driveway off of Slauson Avenue would be eliminated. No adverse effects are anticipated as access to adjacent businesses will continue to be possible from McKinley Avenue and Central Avenue under current arrangements between the affected adjacent property owners.

At 1701 Slauson Avenue, a self-storage building currently has 19 garage-style doors facing Slauson Avenue. Of the 19 garage-style doors, 14 garage-style doors provide access to storage areas. These doors are only accessible along the Harbor Subdivision ROW. The remaining five doors are part of the building façade and do not provide access to any storage units. Currently, the self-storage facility has over 500 storage spaces within the building associated with this business. The self-storage business currently rents the Harbor Subdivision ROW immediately south of the self-storage building on a month-to-month basis. The self-storage facility initially provided storage spaces that were accessible from the interior of the public storage building. None of the storage spaces were accessible outside of the public storage building. With implementation of the Project, external access to these 14 storage spaces would no longer be available. As a result, the property owner would need to either abandon the 14 newly created storage area entries or reconfigure access to these storage areas from inside the building if the original interior access were removed. As Metro was unaware of the building modification that created the exterior storage space entries with access only from Metro-owned ROW, any indirect adverse effects are solely the responsibility of the property owner and does not result from the Project.

In summary, the Project would provide homeless individuals living within the Project corridor with information pertaining to public services and be directed to the City of Los Angeles for housing and any other additional social service needs. Vehicles that are informally parked within the Metro-owned ROW are illegally parked and would be notified prior to implementation of the Project. The railroad siding tract that crossed Slauson Avenue approximately 400 feet west of Central Avenue is currently used illegally as an informal driveway. Although access to adjacent properties in this area would no longer be allowed at the informal driveway with implementation of the Project, the existing driveways at McKinley Avenue and Central Avenue would remain accessible. Additionally, the self-storage building at 1701 Slauson Avenue could be reconfigured to provide access to storage areas from inside the self-storage building. Therefore, the Project would not result in an adverse effect related to acquisition and relocation.

### 3.7. HAZARDOUS MATERIALS

A regulatory database search and site reconnaissance was completed for the area within 0.1 mile of the Harbor Subdivision ROW to identify properties that may represent a hazard to the Project (**Appendix C**). Based on the regulatory database search, the following properties may represent a hazard to the Project:

- Clean Harbor’s, LLC, located at 5756 Alba Street, provides storage, treatment, and off-site transfer of hazardous waste generated from several industries. This facility is listed on several databases, the most significant of which include the Superfund Enterprise Management System Archive (SEMS-ARCHIVE), Resource Conservation and Recovery Act – Large Quantity Generator (RCRA-LQG), PCB Activity database (PADS), Emergency Response Notification System (ERNS), California Hazardous Material Incident Report System (CHMIRS), and Department of Toxic Substances Control EnviroStor (CA ENVIROSTOR). This facility has permits for significant hazardous waste generation and storage, including an extensive list of volatile organic compounds (VOCs), metals, and petroleum products. Notice of violations from various regulatory agencies have been issued due to improper handling of hazardous materials, improper cleanup to hazardous material spills, failure to meet general facility standards, failure to meet tank system standards, and administrative failures. The emergency response listings for this facility indicate several releases of 1,000 gallons of polychlorinated biphenyls (PCBs) during various operations (such as drum filling, transformer upgrades, etc.).
- 5816 South Central Avenue is a plating facility. This facility is listed on the SEMS database and an inactive DTSC EnviroStor case, which is listed as needing evaluation.
- 5716 McKinley Avenue is an industrial facility listed on the SEMs database and EnviroStor database, with confirmed contaminants of concern including benzene, lead, and tetrachloroethylene (PCE).

In addition to the regulatory database search, a site reconnaissance of the entire Metro-owned ROW was completed to visually identify apparent areas of concern from former railroad operations, physical settings, and/or adjoining property uses. The following locations within the Project corridor were identified as higher risk for contamination during the site reconnaissance:

- Old transformers/electrical boxes (high risk for PCBs), which can be found near the northwest corner of the 11<sup>th</sup> Avenue/67<sup>th</sup> Street intersection (near the western end of [REDACTED] Street intersection (near the eastern end of the Project corridor);
- In the vicinity of observed stockpiled soils from the City of Los Angeles sewer rehabilitation project between Normandie Avenue and Budlong Avenue;
- In the vicinity of observed stockpiled soils and overflow truck parking between Holmes Avenue and Alameda Street, adjacent to Clean Harbor’s;
- An identified wood mill that spilled wood residue onto the rail ROW between Normandie Avenue and Budlong Avenue; and



- In an identified low point to the east of Gramercy Place, 317 feet north of 60<sup>th</sup> Street.

The western portion of the Project corridor (approximately 0.5 miles) would be located within public street ROWs. This portion of the Project is completely paved. Existing uses adjacent to the West Boulevard and 67<sup>th</sup> Street portions of the Project corridor are not known to handle hazardous materials.

Based on the regulatory database search and site reconnaissance, environmental sampling investigation along the Harbor Subdivision ROW portion of the Project corridor (**Appendix D**). Soil sampling was conducted on approximately 1,000-foot linear intervals along the ROW, as well as in areas of high concerns based on the hazardous materials regulatory database search and site reconnaissance. A total of 36 borings were advanced throughout the Project corridor. Soil sampling locations are identified in **Appendix D**.

Based on the soil sampling, the Harbor Subdivision ROW contains chromium, arsenic, lead, organochlorine pesticides, polychlorinated biphenyls (PCB), semi-volatile organic compounds/polycyclic aromatic hydrocarbons (SVOC), Total Petroleum Hydrocarbons (TPHcc), volatile organic compounds (VOCs) (i.e., benzene, toluene, and tetrachloroethylene).

Total chromium, organochlorine pesticides, and PCB concentrations do not exceed the commercial/industrial regional screening levels (RSL) established by the U.S. Environmental Protection Agency (USEPA). VOCs are below the DTSC screening levels and, thus, would not be of concern to future users of the Project. TPHcc that were detected during soil investigation did not exceed the Maximum Soil Screening Levels established by the Los Angeles Regional Water Quality Control Board (LARWQCB), and thus is not considered a significant risk to groundwater quality.

Some of the soil samples detected arsenic, lead, SVOC that exceed the commercial/industrial RSL. To clean up soils contaminated with arsenic, lead, and SVOCs, Metro has entered into a Voluntary Cleanup Program with DTSC. Under this program, DTSC will have oversight during the clean-up process along the Project corridor and will provide a closure or no further action determination when the program activities are completed. Soils that have elevated levels of contaminants either would be remediated, or removed and disposed of in accordance with DTSC requirements, as well as other federal, state and local regulations. Soils with elevated levels of contaminants would be managed to prevent migration to water supplies and exposure to humans. Therefore, the Project would not have an adverse effect related to hazardous materials.

### **3.8. ENVIRONMENTAL JUSTICE**

Environmental Justice Executive Order 12898 requires consideration of impacts on low income and minority populations, careful consideration of whether there are high and substantial adverse effects on these populations, whether these effects are disproportionate compared to the general population, and whether there are offsetting benefits. Low income is

defined as a person (or, in this case, a community or group) whose household income is below the U.S. Department of Health and Human Services (HHS) poverty guidelines. For purposes of the Executive Order, the CEQ, Executive Office of the President has defined minority as members of the following population groups: American Indian or Alaskan Native; Asian or Pacific Islander; Black, not of Hispanic origin; or Hispanic.

A large portion of the population within the 0.25 miles of the Project corridor is minority populations and is identified as low income. Based on the 2010 Census, 98 percent of the population within 0.25 miles of the Project corridor belongs to a minority group, while 71 percent of the Los Angeles County population is characterized as minority. The minority group with the largest representation within 0.25 miles of the Project corridor is Hispanic/Latino (72 percent). The second largest minority group within 0.25 miles of the Project corridor is Black (26 percent). Less than one percent of the following races are within 0.25 miles of the Project corridor: White, American Indian or Native Alaskan, Asian, Native Hawaiian or Other Pacific Islander; or Other Race. Within 0.25 miles of the Project corridor, 38 percent of the population is below the poverty threshold, whereas 18 percent of the Los Angeles County population is below the poverty threshold.

As discussed throughout this document, the Project would result in no adverse environmental effects. Thus, the Project does not have the potential to cause disproportionately high and adverse effects to minority and low-income populations. The Project would provide safe dedicated walking and cycling transportation options to promote healthy neighborhoods and linkages between local communities, schools, shopping, employment centers, transit hubs, and other key destinations. The Project would also remove a prominent social equity barrier within the South Los Angeles community with new and improved access for pedestrians, cyclists, and transit riders traveling to and from schools, jobs, health care providers, as well as religious, commercial and cultural institutions. As a result, the Project would not result in an adverse effect related to the environmental justice population.

### **3.9. COMMUNITY DISRUPTION**

The Project would provide dedicated pedestrian/multi-purpose and bicycle paths within existing public street and Metro-owned ROWs that would improve connections between local communities, schools, shopping, employment centers, transit hubs, and other key destinations. The Project would provide various access and circulation improvements such as signalized traffic lights, new crosswalks and curb ramps. In the diagonal portion of the Harbor Subdivision ROW between 11<sup>th</sup> Street and Slauson Avenue, the Project would remove existing barriers, which primarily consist of chain-linked fences, to allow the community to the south of the Project corridor to have direct access to the pedestrian/multi-purpose and bicycle paths. Additionally, depending on the size of opportunity sites along the Project corridor, the Project would install neighborhood-based uses (such as seating areas, drought-tolerant landscaping, exercise equipment, and bio-swales) and/or would provide space that would accommodate temporary community events. The Project would provide components that would improve linkages between local communities, schools, shopping centers, transit hubs,

and other key destinations, the Project would not physically divide an established community, would not adversely affect community character, and would not disrupt community activities. Therefore, the Project would not result in an adverse effect related to community disruption.

### **3.10. SECTION 4(F) AND SECTION 6(F) RESOURCES**

A total of two parks and recreation facilities are located within the 0.25 miles of the Project corridor. These parks are listed in **Table 1** and shown in **Figure 7**. One of the parks (Augustus F. Hawkins Nature Park) is located adjacent to the Project corridor. Although Augustus F. Hawkins Nature Park adjoins the Project corridor to the north, the Project would not result in a use of this Section 4(f) resource. Rather, the Project would incorporate native landscaping, trees, and amenities that would blend in with the park. Additionally, as discussed in Subsection 3.4, Cultural Resources, no cultural resources would be affected by the Project. Therefore, the Project would not result in a use of Section 4(f) resources.

Section 6(f) does not apply as no parks or recreational properties funded through the Land and Water Conservation Fund would be acquired or improved.

### **3.11. WETLANDS**

No wetland features exist within or adjacent to the Project corridor, and no federally protected wetlands as defined by Section 404 of the Clean Water Act are located within the vicinity of the Project corridor. Thus, the Project would not result in an adverse effect related to wetlands.

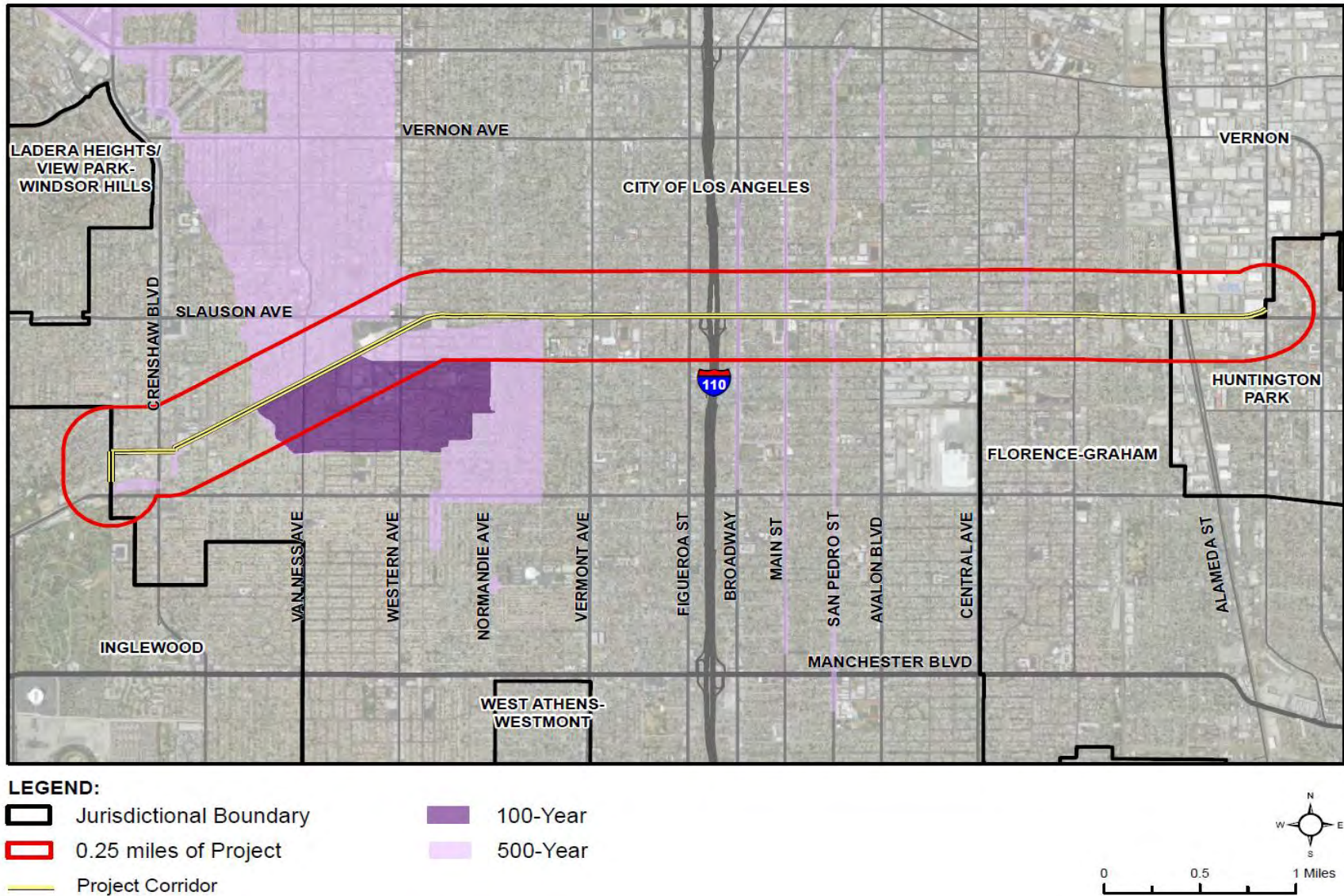
### **3.12. FLOODPLAIN**

According to the Federal Emergency Management Agency Flood Insurance Rate Maps, the entire Project corridor is not within a 100-year floodplain (see **Figure 9**). However, the properties adjacent to and south of the Project corridor generally between 5<sup>th</sup> Avenue and Gramercy Place are within a 100-year floodplain. The Project would not change floodplain elevations or floodways. Therefore, the Project would not result in an adverse effect related to floodplains.

### **3.13. NAVIGABLE WATERWAYS AND COASTAL ZONES**

According to the U.S. Army Corps of Engineers, navigable waterways are water bodies that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce (33 CFR 329.4). The Project corridor is not located within the vicinity of any streams or waterways.

FIGURE 9: FLOODPLAINS



The nearest navigable waterway as designated by the U.S. Army Corps of Engineers is Los Angeles River, located approximately 1.5 miles northeast from the eastern end of the Project corridor. The nearest man-made water feature can be found in Augustus F. Hawkins Nature Park, which adjoins the Project corridor. The water features in Augustus F. Hawkins Nature Park are not considered navigable waterways.

The Project corridor is not located within a coastal zone. It is approximately 6.6 miles inland from the Pacific Ocean at elevations between 137 to 180 feet mean sea level. According to City of Los Angeles Hazard Mitigation Plan Tsunami Inundation Hazard Areas Map (July 2011), the Project corridor is not within an inundation zone for a seiche or tsunami. The Project would not result in an adverse effect related to navigable waterways or coastal zones.

### **3.14. WATER QUALITY**

Storm drains within public street ROWs surround the Project corridor. The storm drain system surrounding the Project corridor is a vast network of underground pipes and open channels that were designed to prevent flooding. Runoff drains from the street into the gutter and enters the system through catch basins. Catch basins serve as the neighborhood entry point to the journey into the ocean. All drainage for the Project and the surrounding areas are part of the fully developed municipal infrastructure.

The Project is not located within the vicinity of any Clean Water Act 303d Listed Impaired Water Bodies. In addition, the Project would not alter or create a new direct connection to any surface water body. The Project includes components, such as permeable pavers and bioswales, that would reduce stormwater runoff from the Project corridor. Any water that does not percolate within the Project corridor would flow toward the storm drains at adjacent or intersecting streets, similar to existing conditions. The Project would comply with the City of Los Angeles Low Impact Development ordinance, which is designed to address stormwater runoff and pollution at the source. As discussed in Section 3.7, Hazardous Materials, Metro is entering into a Voluntary Cleanup Program with DTSC in which DTSC will have oversight during the clean-up process along the Project corridor. Soils with elevated levels of contaminants would be managed to prevent migration to water supplies. As Metro would enter into a Voluntary Cleanup Program with DTSC and the Project includes components that would reduce stormwater runoff, the Project would not result in an adverse effect related to water quality.

### **3.15. ECOLOGICALLY-SENSITIVE AREAS AND ENDANGERED SPECIES**

Table 8 identifies a total of six rare plants and animals (two plants and four animal species) that have been historically found within 0.25 miles of the Project according to the California Natural Diversity Database RareFind 5. Of the six plants and animals, three are endangered species under the Federal and State Endangered Species Acts.

**TABLE 8: RARE PLANTS AND ANIMALS WITHIN 0.25 MILES OF PROJECT**

Scientific Name	Common Name	Federal Status <sup>1</sup>	California Status <sup>2</sup>
<i>Lasthenia glabrata ssp. Coulteri</i>	Coulter’s goldfields (plant)	None	None
<i>Astragalus tener var. titi</i>	Coastal dunes milk-vetch (plant)	Endangered	Endangered
<i>Athene cunicularia</i>	Burrowing owl (animal)	None	None
<i>Taxidea taxus</i>	American badger (animal)	None	None
<i>Empidonax traillii extimus</i>	Southwestern willow flycatcher (animal)	Endangered	Endangered
<i>Vireo bellii pusillus</i>	Least Bell’s vireo (animal)	Endangered	Endangered

<sup>1</sup> Federally listed as endangered pursuant to the Federal Endangered Species Act.  
<sup>2</sup> State listed as endangered pursuant to the California Endangered Species Act.  
**SOURCE:** California Natural Diversity Database RareFind 5, 2016.

The general habitat for the coastal dunes milk-vetch includes coastal bluff scrub, coastal dunes, and coastal prairie. The general habitat for the southwestern willow flycatcher is riparian woodlands in Southern California. The least Bell’s vireo is generally found in low riparian habitat in the vicinity of water or in dry river bottoms. The Project corridor does not contain features that would support these endangered species. Additionally, the Project is located within a highly-urbanized area of Los Angeles County consisting mostly of residential, industrial, and commercial uses. The Project corridor and its vicinity has not been identified as critical habitat for threatened or endangered species, does not contain any wildlife corridors or wildlife nursery sites, and does not contain features that would support riparian habitat or other sensitive natural communities. In addition, the Project corridor is not located near any designated biological or environmentally sensitive areas. The Project corridor does not contain any notable natural features or protected biological resources. Any natural communities or species that may have been present along the Project corridor have been displaced by urban uses. Therefore, the rare plants and animals that can be found within 0.25 miles of the Project corridor are not likely to occur within the Project corridor. The Project would not result in an adverse effect related to ecologically-sensitive areas and endangered species.

**3.16. SAFETY AND SECURITY**

The Project includes various components that would minimize safety hazards along the Project corridor. Subsection 3.3, Traffic and Parking, identifies several components of the Project that would reduce safety hazards. These components include providing new crosswalks and ADA-compliant curb ramps on both sides of I-110 and at the Long Beach Avenue/Slauson Avenue intersection adjacent to the Metro Blue Line Slauson Station, modifying traffic signal phasing to facilitate bicycle and pedestrian flow along the Project corridor and to eliminate conflicts between vehicle and active transportation traffic, and installing new traffic signals. Additionally, the Project would install a pedestrian gate where the Alameda rail corridor intersects with the Project at-grade immediately east of the Metro



Blue Line Slauson Station. Guardrails would be installed under I-110 between new crosswalks along the southern rail ROW boundary to prevent jaywalking and jaycycling under I-110. At the intersection of Long Beach Avenue/Slauson Avenue, a median would be installed in the center of Slauson Avenue to prevent illegal left turns. To increase safety and to provide neighborhood access along the diagonal portion of the Project corridor between 67<sup>th</sup> Street and Slauson Avenue, bicyclists and pedestrians ingress and egress opportunities would be provided where cul-de-sacs meet the Project corridor. Project components would be designed to meet ADA standards. Additionally, pedestrian/multi-purpose and bicycle paths would be designed to support maintenance and emergency vehicles (i.e., ambulance and police vehicles). Trees would not be planted in areas where safety is a concern (such as in the diagonal segment where the Project corridor is situated between buildings). Lighting would be installed throughout the Project corridor to ensure safety and visibility. At the diagonal segment of the Project corridor, lighting would be integrated with cameras and emergency telephones. The Project would be designed to meet current safety design standards, ADA standards, and would ensure no new safety hazards would occur as a result of the Project.

In addition to the safety components that would be incorporated into the Project, Metro implements a multi-agency law enforcement service to provide a consistent and reliable law enforcement presence. Metro contracts with LAPD and LASD to provide law enforcement along the Project corridor. Were the Project corridor is located within the City of Los Angeles, Metro contracts with LAPD to provide law enforcement in this area. LASD would provide law enforcement at the Crenshaw/LAX Fairview Heights Station, the Metro Blue Line Slauson Station, as well as in the non-City of Los Angeles portions of the Project corridor.

The Project includes components to that would increase safety and security throughout the Project corridor, no adverse effects on safety and security are anticipated.

### **3.17. CONSTRUCTION ACTIVITIES**

Construction of the Project is anticipated to occur for approximately 18 months in segments during work times allowed by local ordinances. While construction is anticipated to commence in early 2018 and end in 2019, it is possible that certain segments of the Project corridor could be constructed at a later date. The construction analysis presented below represents the worst-case construction scenario. Construction of the segments would vary in length. However, no more than one-half mile of the Project corridor is expected to undergo construction at a given time. Care would be taken to minimize disruptions associated with traffic and utilities, as well as other related inconveniences during construction. Construction outreach activities would be conducted throughout the duration of construction. The following construction activities could occur for the Project:

- Public Street ROWs:
  - Pedestrian improvements along West Boulevard and 67<sup>th</sup> Street
  - Install appropriate signage and provide street markings along 67<sup>th</sup> Street
  - Restripe bike lanes and install appropriate signage along West Boulevard

- Install new traffic signal and pedestrian crosswalks at 67<sup>th</sup> Street/11<sup>th</sup> Avenue intersection
- Install lighting and street trees along West Boulevard and 67<sup>th</sup> Street
- Removing existing railroad tracks, concrete aprons, and abandoned rail equipment to the north and west of the 67<sup>th</sup> Street/11<sup>th</sup> Avenue intersection
- Restore curb ramps, as necessary
- Relocate affected traffic signals and its appurtenances, as necessary, in coordination with the affected cities
- Diagonal segment of the Metro-owned ROW:
  - Remove rails, rail ties, and ballast
  - Remediate (amend/replace) contaminated soils, if necessary, per recommendation from DTSC
  - Clear and grub the Metro-owned ROW, including trash, debris, and vegetation
  - Remove encroachments, access points, and encampments, as necessary
  - Construct bike path and pedestrian walkway with appropriate markings
  - Install bioswales, landscaping/shrubs, trees, and irrigation along the Metro-owned ROW
  - Install lights, emergency telephones, security cameras, and required appurtenances
  - Install signage and fencing in appropriate areas
- East-west segment of the Metro-owned ROW:
  - Remove rail, rail ties and ballast
  - Remediate (amend/replace) contaminated soils, if necessary, per recommendation from DTSC
  - Clear and grub the Metro-owned ROW, including trash, debris, and vegetation
  - Remove encroachments, parking, access points, and encampments, as necessary
  - Construct bike path and pedestrian walkway with appropriate markings
  - Install bioswales, landscaping/shrubs, trees, and irrigation along the Metro-owned ROW
  - Install lights and required appurtenances
  - Install signage and fencing in appropriate areas
  - Install pedestrian crosswalks and signals at three locations

The potential environmental effects of these construction activities would be highly varied. In particular, activities that would generate the greatest amount of truck trips into and out of the Project corridor would be of greatest concern along with activities that would involve the extensive use of heavy grading equipment for subgrade recompaction. Activities that would generate the most truck trips into and out of the Project corridor would generally entail the removal of ballast and rail ties, as well as the removal and replacement of soil. As a practical logistical matter with respect to staging and loading times, it is unlikely that the number of truck trips serving a given segment could exceed 25 trips per day. Similarly, soil grading and compaction work would represent the worst-case activity with respect to the use of



construction equipment. No more than two acres is expected to be disturbed at a given time. Additionally, the depth of excavation would not exceed five feet. Given the narrow ROW and the area that is expected to be disturbed at a given time, construction equipment that would operate at a given time would be limited to three or four pieces, including excavators, graders, and rollers. The environmental consequences related to these worst-case construction activities are discussed below.

Construction activities, including temporary parking and staging, would be limited to and contained within the Project corridor. Temporary intermittent lane closures at adjacent public street ROWs may be required depending on the type of construction activity, such as the construction of curb returns and utility cutouts). No more than one lane is anticipated to be closed at a given time. It is Metro's standard practice to develop a construction traffic control plan to facilitate the flow of traffic around the construction area.

### 3.17.1. Air Quality

Pollutant emissions during construction of the Project would be related to equipment exhaust, worker commute trips, fugitive dust associated with grading and loading activities, and off-gassing from asphalt paving. Construction emissions for equipment exhaust were estimated using the emissions factors and emission rates obtained from Appendix D - the Data Tables used by California Emissions Estimator Model (CalEEMod) version 2016.3.1. Table 3-3 of this appendix shows equipment that would be used during construction activity. The CalEEMod emission rate for VOC off-gassing during paving is 2.62 pounds per acre. Refer to **Appendix E** for emission calculations and other relevant assumptions used to estimate pollutant emissions.

All construction activities associated with the Project would adhere to applicable measures outlined in SCAQMD Rules 402 (Nuisance) and 403 (Fugitive Dust). Metro has adopted a Green Construction Policy committing to less polluting construction equipment and vehicles and implementing best practices to reduce harmful diesel emissions on all Metro construction projects performed on Metro properties and ROWs. Best practices include Tier 4 emission standards for off-road diesel-powered construction equipment greater than 50 horsepower and restricting idling to a maximum of five minutes. This air quality analysis accounts for these emission standards.

Neither Metro nor FTA have adopted air quality impact criteria. SCAQMD regional and localized significance thresholds are used as an indicator of potential air quality impacts due to the local air district's role in attaining and maintaining the federal NAAQS in SCAB. Worst-case construction emissions associated with the Project are shown in **Table 9**. As shown, construction emissions would not exceed the SCAQMD significance thresholds. Therefore, the Project would not result in an adverse effect related to construction emissions.

**TABLE 9: MAXIMUM DAILY CONSTRUCTION EMISSIONS**

Construction Activity	VOC (lb/day)	NO <sub>x</sub> (lb/day)	CO (lb/day)	SO <sub>x</sub> (lb/day)	PM <sub>10</sub> (lb/day)	PM <sub>2.5</sub> (lb/day)
<b>GRADING</b>						
Maximum On-site Emissions	0.28	2.4	12	0.02	0.63	0.10
Maximum Off-site Emissions	0.55	16	3.9	0.04	1.0	0.33
Total Emissions	0.83	18	15	0.06	1.6	0.43
<b>PAVING</b>						
Maximum On-site Emissions	3.8	0.91	13	0.02	0.03	0.03
Maximum Off-site Emissions	0.32	6.2	2.5	0.02	0.54	0.18
Total Emissions	4.1	7.1	15	0.04	0.57	0.21
<b>REGIONAL EMISSIONS ANALYSIS</b>						
Maximum Daily Regional Emissions	4.1	18	15	0.06	1.6	0.43
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceed Threshold?	No	No	No	No	No	No
<b>LOCALIZED EMISSIONS ANALYSIS</b>						
Maximum Daily On-site Emissions	--	2.4	13	--	0.63	0.10
SCAQMD Localized Threshold/a/	--	65	346	--	7	4
Exceed Threshold?		No	No		No	No
/a/ Portions of the Project corridor would be located in Source Receptor Areas 1, 3, and 12. Localized emissions are compared to the lowest threshold between the Source Receptor Areas for a two-acre project site and a 25-meter receptor distance.						
SOURCE: Terry A. Hayes Associates Inc., 2017.						

The Project would include the remediation of hazardous soil conditions. As discussed in Subsection 3.7, Hazardous Materials, the Project would enter into a Voluntary Cleanup Program with DTSC. DTSC would oversee the cleanup of hazardous materials within the Project corridor. Additionally, the Project would be required to comply with SCAQMD (e.g. Rule 1166 - Volatile Organic Compound Emissions from Decontamination of Soil) and DTSC regulations, which would minimize pollutant exposure during the soil remediation process. Therefore, the Project would not exceed SCAQMD significance thresholds and would comply with applicable SCAQMD rules, the Project would not result in an adverse effect related to air quality during construction.

### 3.17.2. Traffic

Construction activities would be primarily limited to and contained within the Project corridor, within the West Boulevard and 67<sup>th</sup> Street ROWs, and on public street ROWs adjacent to the Project corridor. All construction and worker vehicles are anticipated to be accommodated within the Harbor Subdivision ROW throughout construction.

The construction phase may include temporary intermittent lane closures along the portion of the Project corridor adjacent to Slauson Avenue. These temporary lane closures would likely be associated with the removal of utilities and power poles, the reconstruction of curb returns at intersections, the installation of crosswalk markings, and bicycle lane striping. In each of these instances, it is Metro's standard practice to develop a construction traffic control plan in close coordination with the affected local jurisdiction to facilitate the flow of traffic around

the construction area and to minimize temporary disruptions. Therefore, the Project would not result in an adverse effect related to traffic during construction.

### **3.17.3. Archaeological and Paleontological Resources, Native American Cultural Materials, and Human Remains**

As previously discussed in Subsection 3.4, Native American scoping and a cultural resources pedestrian survey was conducted along the Project corridor. No cultural resources were identified within the Project APE as a result of the records search or the Native American scoping. If any Native American cultural material is encountered within the Project corridor during construction, consultation with interested Native American parties would be conducted to apprise them of any such findings and solicit any comments they may have regarding appropriate treatment and disposition of the resources.

No formal cemeteries, other places of human interment or burial grounds are known to occur within the Project corridor. There is always a possibility that human remains may be unexpectedly encountered during construction. There cannot be disposition of such human remains, other than in accordance with the procedures and requirements set forth in California Health and Safety Code Section 7050.5 and PRC Section 5097.98. These code provisions prohibit construction activity after the discovery of human remains on any nearby area reasonably suspected to overlie adjacent remains until the County Coroner has determined that the remains are not subject to laws concerning investigation of the circumstances, manner and cause of any death, and the recommendations concerning the treatment and disposition of the human remains have been made to the person responsible for the excavation, or to his or her authorized representative. These code provisions also require notification of NAHC, who in turn must notify those persons believed to be most likely descended from the deceased Native American for appropriate disposition of the remains. These laws would ensure that the Project would not significantly impact human remains.

Therefore, the Project would comply with all regulatory requirements in the unlikely event that archaeological resources, paleontological resources, and Native American cultural materials, and human remains are encountered, no cultural resources would be adversely affected by the Project.

### **3.17.4. Noise and Vibration**

Construction noise levels would depend on the construction activity, type of equipment, number of pieces of equipment operating, general condition, length of time each piece would operate per day, the presence or absence of noise-attenuating features such as walls or other intervening structures, and the location of construction noise sources relative to sensitive receivers. **Table 10** shows construction equipment that may be utilized to construct the Project and its associated noise levels. Individual construction activity levels range from 73.0 dBA to 82.6 dBA measured at 50 feet from the equipment.

**TABLE 10: CONSTRUCTION EQUIPMENT TYPICAL NOISE LEVELS (DBA) AT 50 FEET**

Noise Source	Noise Level (dBA) at 50 Feet
Backhoe	73.6
Compressor	73.7
Concrete Mixer Truck	74.8
Concrete Pump Truck	74.4
Concrete Saw (Rail Saw)	82.6
Drum Mixer	77.0
Excavator	76.7
Generator	77.6
Grader	81.0
Paver	74.2
Roller	73.0

SOURCE: Federal Highway Administration, Roadway Construction Noise Model (RCNM) Version 1.1.

The Project would be located in multiple jurisdictions with competing noise regulations. For consistency, noise levels are assessed using FTA guidance. FTA has indicated that construction noise may result in an adverse community reaction if noise levels at residences exceed 90 dBA during the day and 80 dBA during the night, or 100 dBA at any time near commercial or industrial facilities.

**Table 10** shows construction noise levels would not usually exceed 90 dBA at 50 feet from the construction equipment. Some sensitive land uses, such as residential uses, are located adjacent to the Project corridor. It is anticipated that construction activity would move quickly along the Project corridor and noise exposure at individual sensitive receptors would be short in duration and intermittent. The Project would not require nighttime construction activities, and it is standard Metro practice to comply with local noise regulations.

Construction activity would occur within an urban environment with many existing sources of noise. Given the existing environment and the transient nature of the project-specific construction process, temporary increases in existing noise levels are not considered significant at individual land uses. Therefore, the Project would not result in an adverse effect related to construction equipment noise.

Construction activity may require lane closures on local roadways. The majority of vehicle noise generated on roadways is related to the generation of sound pressure waves as vehicles pass by the stationary receiver. Vehicles traveling at faster speeds generate larger sound pressure waves and more noise. Lane closures would reduce vehicle speeds and idling noise would not exceed the noise that would have been generated by vehicles traveling at regular speeds. Therefore, the Project would not result in an adverse effect related to temporary lane closures and noise.

Some construction activities, such as paving and the use of excavators and rollers, could result in perceptible levels of ground-borne vibration. Vibration is a localized effect and typically attenuates to barely perceptible levels within a few feet of construction equipment.

Equipment would most likely generate vibration levels similar to a small bulldozer, or approximately 0.003 inches per second peak particle velocity at 25 feet. It is not anticipated that this amount of vibration would damage structures or annoy people in close proximity to the equipment. There may be occasions when equipment would be located in close proximity a vibration sensitive receptor, although it is anticipated that construction activity would move quickly along the alignment and vibration exposure at individual receptors would be short in duration and intermittent. Given the transient nature of the project-specific construction process, temporary increases in vibration levels are not considered significant at individual land uses. Therefore, the Project would not result in an adverse effect related to construction equipment vibration.

### 3.17.5. Utility Disruption

The Project corridor was surveyed to identify existing utilities. Several utilities are currently present within the Project corridor. Signal poles, signal conduit boxes, and street lights are located along the parkways of West Boulevard and 67<sup>th</sup> Street. Additionally, utility poles are found along 67<sup>th</sup> Street. The Project does not involve construction activities that would disrupt existing utilities found along the public street ROWs outside of the Project corridor.

Existing above ground utility infrastructure that can be found within the Harbor Subdivision ROW portion of the Project corridor include utility poles, rail crossing control devices, rail crossing utility cabinets, signal poles, and signal conduit boxes. The utility poles found along the Harbor Subdivision ROW are used by the Southern California Telephone Company, Pacific Telephone and Telegraph Company, Pacific Bell, and LADWP. Some of the utility poles are active while others are abandoned and are not connected to power and/or telephone lines. Additionally, some of the utility poles may have been used for BNSF communications. The rail crossing control devices and utility cabinets are owned by Metro. Signal poles and signal conduit boxes are located where the Harbor Subdivision ROW intersects a public street ROW. The signal poles and signal conduit boxes are owned by the city or county in which the signal poles and signal conduit boxes are located (i.e., City of Los Angeles, City of Vernon, and County of Los Angeles).

Underground utilities that run through the Harbor Subdivision ROW include power fiber conduit, gas lines, and water lines. LADWP owns the power fiber conduit, while the American Telephone and Telegraph – Telecommunications Association is the purveyor of the fiber optic cables. The gas lines are owned by the Southern California Gas Company, and the water lines are owned by LADWP.

Utility relocation is a common aspect of construction projects. During construction of the Project, abandoned utility poles would be removed from the Project corridor. Additionally, some utilities would be relocated. The removal and relocation of existing utilities would follow all codes, regulations, and standards regarding utility removal/relocation and relevant safety precautions. Therefore, the Project is not expected to have an adverse effect on utilities during construction.

### 3.17.6. Hazardous Materials

As discussed in Subsection 3.7, Hazardous Materials, soils within the Project corridor may contain elevated levels of hazardous substances, including arsenic, lead, and SVOC. Metro is entering into a Voluntary Cleanup Program with DTSC. Under this program, DTSC will have oversight during the clean-up process along the Project corridor and will provide a closure or no further action determination when the program activities are completed. Soils that has elevated levels of contaminants either would be remediated, or removed and disposed of in accordance with DTSC requirements, as well as federal, state and local regulations. Soils with elevated levels of contaminants would be managed in accordance with DTSC requirements to prevent migration to water supplies and exposure to humans.

In addition to contaminated soils, railroad ties are commonly treated with various chemicals for preservation, including but not limited to creosote, pentachlorophenol and metallic arsenates. During construction, railroad ties remaining within the former railroad bed may either become a product suitable for reuse or a waste product. Upon removal, railroad ties that are salvaged and designated for reuse would be managed as “Treated Wood Waste” (TWW) in accordance with Alternative Management Standards provided in California Code of Regulations (CCR) Title 22 Section 67386. Railroad tie materials designated for disposal would be considered potentially hazardous TWW and would be managed and disposed of in accordance with CCR Title 22 Section 67386.

The Project would comply with regulations associated with the removal of railroad ties. Contaminated soils that would be removed from the Project corridor would be segregated and disposed of in accordance with federal, state and local regulations. Additionally, the Project is entering into a Voluntary Cleanup Program with DTSC and would comply with DTSC requirements. Thus, the Project would not have an adverse effect related to hazardous materials during construction.

### 3.17.7. Water Quality

Construction activities such as earth moving, maintenance/operation of construction equipment, and handling/storage/disposal of materials could contribute to pollutant loading in stormwater runoff. The Project would be required to obtain coverage under the NPDES General Construction Activity Permit in which a site-specific Stormwater Pollution Prevention Plan (SWPPP) would be prepared and implemented. The SWPPP would specify erosion control, sediment control and non-stormwater management and materials management; and would address requirements throughout the operational life of the Project through source and treatment control. Furthermore, prior to and during construction, the Project would be required to comply with local tree protection ordinances and obtain local permits associated with local municipal grading, construction, and street use, as appropriate. Therefore, the Project would not result in an adverse effect related to water quality during construction.

### **3.17.8. Biological Resources**

The Project is located in a highly-urbanized area consisting mostly of residential, industrial, and commercial uses. The Project is located on existing street ROWs and the Harbor Subdivision ROW. Landscaping (primarily grass and street trees, many of which are mature trees) are currently located along the parkways of the West Boulevard and 67<sup>th</sup> Street ROWs. The Project is not expected to remove any existing street trees along parkways of existing street ROWs.

The Harbor Subdivision ROW portion of the Project primarily contains railroad tracks and ties, ballast, railroad equipment, dirt, trash, and billboards. Most of the Harbor Subdivision ROW is devoid of vegetation. Where vegetation exists, the vegetation is primarily located along the edge of the ROW and consists of weeds and vines that grow on walls/fences adjacent to the Harbor Subdivision ROW. Non-native trees, such as palms, can be found in a few areas along the ROW. During construction, non-native trees along the Harbor Subdivision ROW would be removed; however, these trees are not protected or identified as scenic trees. Although the trees are not identified as protected species by the City of Los Angeles, removal would occur under consultation with the City of Los Angeles Department of Public Works Bureau of Street Services, Urban Forestry Division. Furthermore, it is Metro's standard practice that tree removal activities would be timed as much as possible to occur outside the migratory bird nesting season. In the event nests are identified during surveying or construction activities, the nests would be protected in place to ensure compliance with the Migratory Bird Treaty Act. Although the Project would remove existing non-native trees, the Project would install additional trees along the Project corridor. Therefore, the Project would not result in an adverse effect related to biological resources during construction.

### **3.17.9. Safety and Security**

Construction activities would not result in full road closures, although single lane closures along Slauson Avenue may be required occasionally for some construction activities. Slauson Avenue has a total of four lanes (two lanes in each direction), and a single lane closure would not impede emergency vehicle access to the Project corridor or surrounding area during the construction phase. Per state and local regulations, emergency vehicle access along street ROWs would be maintained at all times during construction. Additionally, it is Metro's standard practice to develop a construction traffic control plan in close coordination with the affected local jurisdictions to minimize these temporary disruptions. Construction areas would be secured to eliminate the threat to safety and security of anyone not directly involved in construction activity. Therefore, the Project would not result in an adverse effect related to safety and security during construction.

## **3.18. CUMULATIVE EFFECTS**

A cumulative effect is an impact on the environment which results from the incremental effect of the action when added to other past, present, and reasonably foreseeable future actions (40

CFR 1508.7). Cumulative effects can result from individually minor but collectively significant actions taking place over time.

FTA guidance states that a project must have a direct and/or indirect effect on a specific resource to exert a cumulative influence. If no direct and/or indirect effect to a specific resource is expected, then the project is not likely to contribute to cumulative effects to that resource. The analysis presented above for the CE demonstrates that the Project would not result in adverse effects to resource areas. The project components are intended to provide on- and off-street bicycle and pedestrian/multi-purpose pathways. Therefore, the Project is not expected to contribute to cumulative adverse effects.



## 4. SUPPORTING TECHNICAL STUDIES

The following technical studies were prepared for the Project and are included in the appendices of this CE document:

- Rincon Consultants, Inc., *Metro Rail to Rail Active Transportation Corridor Project Cultural Resources Study*, February 27, 2017.
- EFI Global, Inc., *Environmental Research and Testing Services, Los Angeles Metro Rail to River Project*, September 19, 2016.
- EFI Global, Inc., *Environmental Sampling Report*, January 2017.
- Fehr and Peers, *Transportation Analysis Report: Rail to Rail Active Transportation Corridor Project*, January 2017.

In addition to the above technical studies, Metro is also preparing a Categorical Exemption in compliance with Article 19 of the CEQA Guidelines. The Project qualifies for a Class 4 (Minor Alterations to Land) categorical exemption under Section 15304(h) of the CEQA Guidelines.

## 5. LEAD AGENCY, PREPARERS AND SOURCES CONSULTED

This chapter provides the lead agencies, preparers and sources consulted for the CE.

### 5.1. LEAD AGENCY

#### Los Angeles County Metropolitan Transportation Authority

Roberto Machuca, Project Manager

### 5.2. LIST OF PREPARERS

#### Terry A. Hayes Associates Inc.

Terry A. Hayes, AICP, Chief Executive Officer

Sam Silverman, Senior Associate

Teresa Li, AICP, Senior Planner

Kevin Ferrier, Senior Planner

Kieran Bartholow, Assistant Planner

Rosa Soria, Assistant Planner/GIS Specialist

Natasha Mapp, Word Processing

#### Cityworks Design

Lisa Padilla, AIA, LEED AP, Principal

### 5.3. SOURCES CONSULTED (LISTED IN ALPHABETICAL ORDER)

California Department of Transportation, *Transportation Project-Level Carbon Monoxide Protocol*, revised December 1997.

California Department of Conservation Division of Land Resource Protection Farmland Mapping and Monitoring Program, *Los Angeles County Important Farmland*, 2014.

City of Huntington Park Planning and Zoning Division, *General Plan*, February 19, 1991.

City of Huntington Park Planning and Zoning Division, *Zoning Map*, March 3, 2015.

City of Inglewood Planning Division, *Land Use Element of the Inglewood General Plan*, July 8, 2009.

City of Los Angeles Department of City Planning, *2010 Bicycle Plan: A Component of the City of Los Angeles Transportation Element*, March 1, 2011.

City of Los Angeles Department of City Planning, *Mobility Plan 2035: An Element of the General Plan*, January 20, 2016.

City of Los Angeles Department of City Planning, *General Plan Land Use Map: South Los Angeles Community Plan*, May 29, 2015.

City of Los Angeles Department of City Planning, *General Plan Land Use Map: Southeast Los Angeles Community Plan*, August 22, 2013.

- City of Los Angeles Department of City Planning, *General Plan Land Use Map: West Adams-Baldwin Hills-Leimert Community Plan*, December 8, 2010.
- City of Los Angeles, *Hazard Mitigation Plan, Figure O-1 Tsunami Inundation Hazard Area*, July 2011.
- City of Vernon Planning Division, *Vernon General Plan Land Use Element*, December 3, 2007.
- City of Vernon Planning Division, *Zoning Map*, April 2015.
- County of Los Angeles Department of Regional Planning, *Significant Ecological Areas and Coastal Resource Areas Policy Map*, February 2015.
- EFI Global, Inc., *Environmental Research and Testing Services, Los Angeles Metro Rail to River Project*, September 19, 2016.
- EFI Global, Inc., *Environmental Sampling Report*, January 2017.
- Federal Emergency Management Agency, *FEMA's National Flood Hazard Layer Interactive Map*, <https://msc.fema.gov/portal/search?AddressQuery=los%20angeles%2C%20ca>, accessed on September 19, 2016.
- Federal Highway Administration, *Roadway Construction Noise Model Version 1.1*, 2008.
- Fehr & Peer, *Draft Transportation Analysis Report: Rail to Rail Active Transportation Corridor Project*, November 2016.
- Los Angeles County Department of Regional Planning, *Los Angeles County Zoning: Florence-Firestone & Walnut Park*, April 12, 2016.
- Los Angeles County Department of Regional Planning, *Significant Ecological Areas and Coastal Resource Areas Policy Map*, February 2015.
- Los Angeles County Sheriff's Department, <http://sheriff.lacounty.gov/wps/portal/lasd>, accessed on August 16, 2016.
- Los Angeles County Metropolitan Transportation Authority, *Crenshaw/LAX Transit Project Final Environmental Impact Statement/Final Environmental Impact Report*, August 2011.
- Rincon, *Metro Rail to Rail Active Transportation Corridor Project Cultural Resources Study*, February 27, 2017.
- Southern California Earthquake Data Center, <http://scedc.caltech.edu/significant/index.html>, accessed on August 15, 2016.
- The Engineering Toolbox, *Voice Level and Distance*, [http://www.engineeringtoolbox.com/voice-level-d\\_938.html](http://www.engineeringtoolbox.com/voice-level-d_938.html), accessed February 23, 2017.
- U.S. Census Bureau, *Longitudinal-Employer Household Dynamics Program, OnTheMap Application*. <http://onthemap.ces.census.gov/>, accessed on August 8, 2016.
- U.S. Fish & Wildlife Service, *National Wetlands Inventory*, <http://www.fws.gov/wetlands/data/mapper.html>, accessed on August 4, 2016.
-



# APPENDIX D

## Qualification of the Environmental Professionals

# PATRICK CULLIP, ENV SP, EIT

## PROJECT ENVIRONMENTAL ENGINEER

### EDUCATION

B.S. Mechanical Engineering, Loyola Marymount University, Los Angeles

### REGISTRATIONS AND CERTIFICATIONS

Loss Prevention System (LPS)  
OSHA HAZWOPER with annual 8-hour refreshers

OSHA HAZWOPER Site Supervisor Training

OSHA Excavation Competent Person Certification

First Aid and CPR Training

BNSF Contractor Orientation Safety certified

Transportation Worker Identification Credential (TWIC)

Los Angeles World Airports (LAWA) badge

Institute for Sustainable Infrastructure (ISI)  
Envision Sustainability Professional (ENV SP)

### EXPERIENCE HIGHLIGHTS

Phase I Environmental Site Assessments

Phase I Hazardous Materials Assessments

Phase I Initial Site Assessments

Hazardous Building Materials Surveys

Sampling Surveys

1166 Soil Monitoring

Preliminary Environmental Assessment

Removal Action Implementation

Removal Action Completion Reports

Mr. Patrick Cullip has over seven years' experience performing environmental remediation, operations and maintenance (O&M), remediation system installation, groundwater/soil vapor sampling, well installation, underground storage tank (UST) removal, soil contamination removal, dual-phase extractions, aerially-deposited lead (ADL) sampling, geological and geotechnical logging, quarterly groundwater monitoring reports, pilot test reports, design, and oversight projects; conducting environmental site assessments (ESAs), hazardous materials assessments (HMAs), and initial site assessments (ISAs) and feasibility testing; and evaluating regulatory compliance.

### REPRESENTATIVE PROJECT EXPERIENCE

**Phase I ESAs, HMAs, and ISAs – Various Sites, Southern California:** Field Manager/Project Engineer, performed numerous Phase I ESAs, HMAs, and ISAs of commercial, industrial, and residential properties throughout Southern California for various financial institutions, land developers, and government agencies. The Phase I ESAs, HMAs, and ISAs included reviewing regulatory files of various government agencies to evaluate the extent and type of impacts at sites, conducting site walks and owner/operator interviews, preparing reports, and project oversight. Mr. Cullip managed the Phase II ESAs performed at several of these properties which included soil gas, soil, and groundwater evaluations.

**Port of Los Angeles, Wilmington, California:** Senior Staff Environmental Engineer, conducted groundwater monitoring on numerous existing monitoring wells, using hand bailers.

**AltaMed Health Services Corporation, Los Angeles, California:** Field Manager/Project Manager, oversaw 16 simultaneous Phase I and Phase II ESAs for AltaMed properties in Southern California over a short time period as part of AltaMed's bank requirements. The Phase II ESAs included soil, soil gas, groundwater, asbestos-containing material, lead-based paint, and mold evaluations.

**HMA, Harbor UCLA Medical Center, Torrance, California:** Field Manager/Project Manager, provided an HMA for the Harbor-UCLA Medical Center Master Plan Environmental Impact Report. The site is an approximately 72-acre parcel occupied with the Harbor UCLA Medical Center (hospital), office buildings, medical research buildings, hazardous waste storage area, helipad, power plant, parking structure, parking lots, and several roads. Areas of potential environmental concern identified during the course of the HMA included asbestos and lead-based paint in on-site building materials, underground storage tanks (USTs) associated with the site power plant, four former leaking underground storage tank (LUST) areas on the site, and three adjacent off-site LUST cases. Ninyo & Moore proposed mitigation measures to render these environmental concerns and impacts to the site less than significant for the identified CEQA thresholds. Mitigation measures to be implemented included following abatement measures outlined in a separate hazardous building materials survey report (performed by Ninyo & Moore), additional site investigation of on-site USTs and on- and off-site LUST cases, and the preparation and implementation of a Soil Management Plan during excavation and grading activities in areas of potential soil contamination.

## REPRESENTATIVE PROJECT EXPERIENCE (continued)

**Los Angeles World Airports (LAWA), Landside Access Modernization Program (LAMP), LAX Airport, Los Angeles, California:** Project Engineer, conducted an HMA covering approximately 2,000 acres for properties within the footprint of LAMP project, which consisted of modernizing LAX by relieving traffic congestion within the airport and on surrounding street network; improve access options and the travel experience for passengers; and provide connection to the rail system. The scope included site visits and agency data base reviews to identify RECs. The results were incorporated into the environmental documentation for the LAMP program. Provided LAWA with recommendations regarding the limits of construction and locations of future treatment wells. This information was critical in the planning for the LAMP.

**Long Beach Unified School District, Long Beach, California:** Field Manager, collected soil samples using hand-auger and direct-push methods to assess lead and pesticide contamination from lead-based paint and termiticides along the edges of classroom and administrative buildings at Jordan High School, and prepared reports for government agencies. Sample results were used to determine the extent of contamination and potential associated health risks to field personnel participating in planned remodeling/demolition activities. Prepared the preliminary environmental assessment (PEA) report for sampling and associated remedial action work plan (RAW) for required soil remediation. Oversaw the excavation and removal of contaminated soil, performed confirmation soil sampling and dust monitoring during the removal action, and prepared the removal action completion report (RACR).

**Los Angeles World Airports, 2014 Sustainability Report, LAX Airport, Los Angeles, California:** Project Engineer, worked with LAWA's Environmental and Land Use Planning Division staff and LAWA's leadership team to prepare the 2014 sustainability report. Supported data collection, evaluated trends, developed graphics, interviewed stakeholders, provided design and layout, and ultimately told a compelling story about LAWA's sustainability efforts. Also supported the redevelopment of LAWA's sustainability program to develop a roadmap and management strategy.

**Caltrans, Various Locations, Southern California:** Senior Staff Environmental Engineer, collected soil samples, using hand-auger methods, of roadside soils to assess aerially deposited lead (ADL) impacts of soil from years of contamination from leaded gasoline. Sample results were used to determine the waste classification for proper disposal and handling of road and highways improvements.

**Hazardous Building Materials Surveys (HBMS), Various Sites, Southern California:** Lead Sampling Technician, performed field testing and sampling with an X-ray fluorescent (XRF) analyzer for lead in building materials on structures planned for demolition or renovation on commercial, industrial, and residential properties throughout Southern California. Prepared HBMS reports for owner/developer use in hazardous materials abatement and worker safety.

**City of Brea, Remedial Action, Tracks at Brea, Segment 3, Brea, California:** Senior Staff Environmental Engineer for the Removal Action (RA) of soil contaminated with arsenic and other chemicals of concern along an approximate 0.8 mile length of former railroad tracks planned to be converted to a walking trail and bicycle path. RA activities included dust monitoring, overseeing excavation activities, confirmation soil sampling, clean import soil sampling, communicating with Orange County Health Care Agency representatives, and preparing the RACR.

**Riverside County Transportation Commission, On-Call Environmental Services, Riverside County, California:** Senior Staff Environmental Engineer providing on-call environmental services under RCTC agreements. Since 1997, Ninyo & Moore has provided Riverside County Transportation Commission (RCTC) responsive and efficient on-call services on a variety of environmental, geotechnical, and materials testing and inspection services to support various transportation design and construction projects throughout Riverside County. A recent task included site investigation of an approximately 6-acre industrial property intended for acquisition for a freeway right-of-way. Based on the investigation results, Ninyo & Moore prepared cost estimates for remediation of metal and hydrocarbon contaminated soil. The remediation cost estimates were defended in court during trial and RCTC was awarded a judgment for two times the amount of the remediation cost estimate.

**Alameda Corridor Transportation Authority (ACTA) On-Call Environmental Remediation Services, Los Angeles County, California:** The Alameda Corridor is a 20-mile long, \$2.6 billion high-speed rail corridor connecting downtown Los Angeles with the Ports of Los Angeles and Long Beach. The Corridor is being excavated through some of the most historically-used industrial properties in the Los Angeles Basin. Work performed for ACTA included due diligence assessments for acquisition and redevelopment of land, and Phase I and II ESAs.

# JOHN JAY ROBERTS, PG, CEG

## PRINCIPAL GEOLOGIST



### EDUCATION

B.S., Geology, 1973, University of Southern California

### REGISTRATIONS AND CERTIFICATIONS

PG 3489 (California)  
CEG 1018 (California)

### EXPERIENCE HIGHLIGHTS

Environmental Assessments for Schools  
Brownfields Clean-up Grant Application for Industrial Property  
Environmental Services for a New High School  
Pipeline Risk Analyses  
Groundwater Discharge Evaluation for Dewatering Subdrain  
Environmental Assessment for Redevelopment of a Commercial Site  
Environmental Consulting Services for Commercial, Industrial, and Residential Properties  
Redevelopment of Former Lockheed B-1 Facility  
Hazardous Waste Landfill Expansion  
Hazardous Waste Ponds Investigations  
Geological Logging and Coordination During the Installation of Three Groundwater Production Wells  
Hydrogeological Assessment Report

### PROFESSIONAL AFFILIATIONS

Association of Engineering Geologists  
National Groundwater Association

As a Principal Geologist, Mr. Jay Roberts has extensive experience performing environmental and geotechnical investigations of commercial and industrial properties and environmental site assessments of school sites, including Phase I, PEA, SSI, RAW, RAP, and O&M plans. Mr. Roberts has completed characterization, remediation, and human health assessments on numerous properties. He has prepared successful applications for Brownfields clean-up grants and managed and performed hydrogeologic investigations, groundwater resource evaluations, and water supply studies. He also provides expert witness and litigation support for environmental, geotechnical, and mining matters.

### REPRESENTATIVE PROJECT EXPERIENCE

**LACMTA Phase I Environmental Site Assessments for 23 Sites, Los Angeles County, California:** Ninyo & Moore has conducted Phase I ESA studies for 23 separate sites for planned expansion by the Metropolitan Gold Line Foothill Extension Construction Authority (Authority) in the San Gabriel Area of Los Angeles County, California. Mr. Roberts was the project director and chief reviewer for nine of the sites. The Phase I ESAs were performed in accordance with the ASTM International (ASTM), Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process Designation E 1527-05 and Practices for All Appropriate Inquiries (AAI) as set forth in the Code of Federal Regulations (CFR), Title 40, Part 312. The Phase I ESAs also included a summary of historical, environmental contamination, and regulatory agencies databases records. The Phase I ESA reports were signed by the Environmental Professional, Mr. Roberts.

**LADWP Phase I Environmental Site Assessments for Three Sites, Los Angeles City, California:** Ninyo & Moore has conducted Phase I ESA studies for three separate sites for planned expansion by the City of Los Angeles, Department of Public Works (LADPW) in Los Angeles, California. Mr. Roberts was the project director and chief reviewer for the sites consisting of the South San Fernando Valley Parking Structure, Shelton Fire Station, and the 8th Street Lighting Project between Western Avenue and Irolo Street. The Phase I ESAs were performed in accordance with the ASTM International (ASTM), Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process Designation E 1527-05 and Practices for All Appropriate Inquiries (AAI) as set forth in the Code of Federal Regulations (CFR), Title 40, Part 312. The Phase I ESAs also included a summary of historical, environmental contamination, regulatory agencies databases records, and were presented following LADPW format.

**Phase I Environmental Site Assessments, Tehachapi Renewable Transmission Project, Kern County, California for Southern California Edison (SCE):** Project Manager for Phase I Environmental Site Assessments (ESAs) for 10 separate Sites in Kern County, California for Southern California Edison (SCE) for the Tehachapi Renewable Transmission Project. The Phase I ESAs were performed in accordance with the ASTM International (ASTM), Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process Designation E 1527-05 and Practices for All Appropriate Inquiries (AAI) as set forth in the Code of Federal Regulations (CFR), Title 40, Part 312. In order to meet the accelerated schedule for the project, the 10 separate Phase I ESA reports were completed within approximately three weeks from authorization.



**REPRESENTATIVE PROJECT EXPERIENCE (continued)**

**Phase I Environmental Site Assessments, Tehachapi Renewable Transmission Project, Kern County, California for Southern California Edison (SCE) (continued):** In accordance with the ASTM and AAI requirements, Ninyo & Moore reviewed readily available historical documents, including historical aerial photographs, Sanborn Fire Insurance Rate maps, building department records, historical topographic maps, and city directories, as applicable. Ninyo & Moore conducted a review of federal, state, tribal, and local regulatory agency databases for each Site and for properties located within the specified radius (by the ASTM Standard) of each Site for locations of known hazardous waste sites, landfills, leaking underground storage tanks (LUSTs), and permitted facilities with USTs. The Phase I ESAs included a reconnaissance of each Site to document existing hazardous materials handling, storage, and disposal practices, areas of possibly contaminated surficial soil or surface water, possible sources of polychlorinated biphenyls (PCBs), USTs and ASTs, and possible sources of contamination from activities at the Site and adjacent properties, and an interview of each Site property representative. The results of each Phase I ESA were presented in a comprehensive report, which included a summary whether or not recognized environmental conditions (RECs) were found on any of the 10 Sites.

**Initial Site Assessment Mount Vernon Avenue Bridge Expansion, San Bernardino, California:** Technical Director for an ISA for the Mount Vernon Bridge Expansion project. The Project involved research and review of historical documents into property uses dealing back into the early 1900's due to long history of the site usage as a railroad hub. The records reviewed consisted of environmental investigations, remedial activities, and contaminated groundwater. Regulatory agencies representatives were also contacted for specifics on current states of remedial activities at impacted sites within the influence of the Project.

**Initial Site Assessment State College Boulevard Separation and ADL Survey, Fullerton, California:** Technical Director for an ISA and ADL for the State College Boulevard Separation Project in Fullerton. The project involves the lowering of State College Boulevard to create an underpass at the Burlington Northern Santa Fe (BNSF) rail crossing. The Project included an ADL Survey in the exposed soil areas along State College Boulevard.

**Environmental Site Assessments and Hazardous Building Materials Survey, Beverly Hills Post Office Building, California:** Project Manager for a Preliminary Environmental Site Assessment/Phase I ESA of the proposed Wallis Annenberg Cultural Center of Beverly Hills. The site consisted of the existing historic Beverly Hills Post Office building and surrounding parking lots proposed to be converted to a new cultural center, including an underground parking structure proposed to be constructed beneath existing street rights of way and portions of the adjacent Beverly Hills City Hall property. Ninyo & Moore reviewed historical and regulatory records, conducted a site reconnaissance, and interviewed property representatives in order to prepare a comprehensive report summarizing potential environmental concerns associated with redevelopment of the site. Potential environmental concerns (PECs) included the historical development of the site as lumber storage yard, a train depot, and railroad right-of-ways, the former presence of an underground storage tank, and releases associated with off-site fire station and gas station facilities. Due to the age of the building the presence of the potential presence of asbestos-containing materials (ACMs), lead-based paints (LBPs), and other hazardous building materials was suspected.

**Environmental Consulting Services for Commercial, Industrial, and Residential Properties Throughout California, Oregon, and Washington:** Project Manager for Phase I studies throughout the western United States. Mr. Roberts managed, directed, coordinated a staff conducting Phase Is, and reviewed and signed each report. These services were performed for a variety of fiduciary institutions, attorneys, and school districts. These services included complete investigations to meet ASTM standards, as well additional studies required by the client. In order to fully characterize conditions, Phase II investigations were recommended and completed, ranging from additional historical research through soil and/or groundwater sampling.





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**Ninyo & Moore**  
Geotechnical & Environmental Sciences Consultants



# SLAUSON CONNECT PROJECT

Metro Board  
April 21, 2021  
Item #

# RECOMMENDATION

AUTHORIZE the Chief Executive Officer (CEO) to enter into a 30-year, no-fee lease agreement with the City of Los Angeles (City) to use a portion of the Metro-owned Harbor Subdivision Right-of-Way between Normandie and Budlong Avenues, City of Los Angeles (“Property”), for the City’s Slauson Connect Project.

DECLARE that the Property is not necessary for use by Metro and is “exempt surplus land” as defined in Section 54221(f)(1)(D) of the California Surplus Land Act (California Gov. Code Sections 54220-54234).

CERTIFY that the Board, acting as a responsible agency pursuant to the California Environmental Quality Act (CEQA) for the Slauson Connect project, has considered the exemption documentation for the Slauson Connect Project and finds that the Slauson Connect Project is categorically exempt from CEQA and will not cause a significant impact on the environment.

AUTHORIZE Metro Real Estate to file a Notice of Exemption with the Los Angeles County Registrar-Recorder/County Clerk.



**Metro**



# LOCATION: Along Rail-to-Rail/River Project



# PROPOSED PROJECT

- Business incubator and work resource center
- 20,000 square foot facility
- Community meeting room
- Childcare
- Tech center
- Multipurpose rooms
- Green space



Metro

# KEY LEASE TERMS

- 30-Year Ground Lease
- No Fee Lease
- Dedicated restrooms for Metro operators
- Public restrooms for Metro's Rail-to-Rail cyclists and pedestrians, and Metro bus patrons
- Ticket Vending Machines

Preliminary Rendering



**Metro**

**Board Report**

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**File #:** 2021-0038, **File Type:** Resolution**Agenda Number:** 17.

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**PLANNING AND PROGRAMMING COMMITTEE  
APRIL 14, 2021****SUBJECT: CAP-AND-TRADE LOW CARBON TRANSIT OPERATIONS PROGRAM (LCTOP)****ACTION: APPROVE RECOMMENDATIONS****RECOMMENDATION**

CONSIDER approving the Resolution in Attachment A that:

- A. Authorizes the Chief Executive Officer (CEO) or his designee to claim \$22,690,757 in fiscal year (FY) 2020-21 LCTOP grant funds for the Crenshaw/LAX Transit Corridor Operations Project and/or the proposed Fareless System Initiative Pilot if approved by the Metro Board;
- B. Certifies that Metro will comply with LCTOP certification and assurances and the authorized agent requirements; and
- C. Authorizes the CEO or his designee to execute all required documents and any amendment with the California Department of Transportation.

**ISSUE**

The LCTOP is a cap-and-trade program established in 2014 that provides operating and capital assistance funds to public transportation agencies throughout California to reduce greenhouse gas emission and improve mobility, with a priority on serving disadvantaged communities. The State issued the FY 2020-21 guidelines for the LCTOP in February 2021 and agencies must claim these formula grant funds by April 9, 2021. The grant package must include an adopted Board resolution that provides recipient project information and certifies that Metro will comply with all LCTOP conditions and requirements. Therefore, staff is seeking Board approval of the resolution contained in Attachment A.

**DISCUSSION**

Each year, the State makes LCTOP formula grant funds available through a process administered by the California Department of Transportation (Caltrans) in coordination with the California Air Resources Board (CARB) and the State Controller's Office (SCO).

On February 25, 2021, the State notified eligible agencies of their FY 2020-21 fund allocation

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amounts, including \$20,890,388 apportioned to Metro. In addition, 14 Los Angeles County municipal operators requested to transfer to Metro \$1,800,369 of their FY 2020-21 LCTOP fund allocations for use on its 2021 LCTOP-funded expenses in exchange for more flexible local funds.

To claim the grant award, Metro must prepare a request describing the proposed transit expenditures that will be funded using the LCTOP allocation. The grant application package must include a Board resolution that: 1) authorizes the CEO or his designee to claim \$22.7 million in FY 2020-21 LCTOP funds; 2) identifies the project(s) to be funded with the LCTOP funds; 3) accepts the transfer of FY 2020-21 LCTOP funds to Metro by the 14 municipal operators; and 4) authorizes the CEO or his designee to execute and amend all required LCTOP documents with Caltrans including the certifications and assurances and authorized agent forms. Staff is proposing to fund with these LCTOP funds the Crenshaw/LAX Transit Line pre-revenue service testing and a portion of the first year of operations and/or a Board-approved Fareless System Initiative (FSI) Pilot.

#### LCTOP Program Funding

The LCTOP, created by California Senate Bill 862 (2014), provides funding derived from California's Cap-and-Trade Program and supports transit agency investment in various projects to further reduce greenhouse gas emissions. In FY 2020-21, \$81.9 million was allocated to LCTOP statewide.

Transit agencies receiving funds from the LCTOP must submit expenditure proposals listing projects that meet any of the following criteria:

- Expenditures that directly enhance or expand transit service by supporting new or expanded bus or rail services, new or expanded waterborne transit or expanded intermodal transit facilities, and may include equipment acquisition, fueling, maintenance, and other costs to operate those services or facilities;
- Operational expenditures that increase transit mode share; and
- Expenditures related to the purchase of zero-emission buses, including electric buses and the installation of the necessary equipment and infrastructure to operate and support zero-emissions buses.

#### Equity Platform

Senate Bill 535 (de Leon, 2012) and Assembly Bill 1550 (Gomez, 2016) established criteria for meeting the LCTOP requirement to prioritize serving disadvantaged communities. The California Environmental Protection Agency (CalEPA) provides tools for identifying Disadvantaged Communities (DACs) based on geographic, socioeconomic, public health, and environmental hazard criteria. The State's parameters include, but are not limited to:

1. Areas disproportionately affected by environmental pollution and other hazards that can lead to negative public health effects, exposure, or environmental degradation.
2. Areas with concentrations of people that are of low income, high unemployment, low levels of homeownership, high rent burden, sensitive populations, or low levels of educational attainment.



Additional requirements for low-income communities and low-income residents include:

- 5% of available funds must be allocated to projects that benefit low-income households or to projects located within, and benefiting individuals living in, low-income communities, and
- 5% of available funds must be allocated to projects that benefit low-income households that are outside of, but within a ½ mile of, disadvantaged communities, or to projects located within the boundaries of, and benefiting individuals living in low-income communities that are outside of, but within a ½ mile of, disadvantaged communities.

Analysis using the State's criteria shows that DACs are disproportionately located in both Los Angeles County and the Central Valley, and notably less prevalent in other major metropolitan areas. Metro, as the lead agency, must select and document the appropriate information to show that a proposed project meets all DAC and other population requirements.

#### Additional Project Eligibility Criteria

In addition to maximizing benefits to DACs, low-income communities and/or low-income households, all projects must be consistent with the lead agency's most recently adopted short-range transit plan, regional plan, or publicly-adopted plan. For project leads in a Metropolitan Planning Organization area, projects must also be consistent with the Sustainable Communities Strategy. Additionally, capital projects must have a useful life not less than that typically required for capital assets pursuant to State General Obligation Law, with buses or rail rolling stock considered to have a useful life of two or more years. The LCTOP specifically requires documentation that each proposed project will achieve a reduction in greenhouse gas emissions and improve mobility.

#### Metro-Specific Considerations in Selecting LCTOP Projects

Staff considered various factors in the analysis that resulted in the recommendation to use 2020-21 LCTOP funding on the Crenshaw/LAX Transit Corridor Operations Project and/or the FSI Pilot. In addition to ensuring the above criteria were met, teams from various departments weighed potential LCTOP recipient projects against alignment with Metro's Strategic Vision, project and program costs, funding availability, feedback collected via community engagement, and the extent to which allocating to a project improves the balance between Metro's financial commitments and funding availability.

The Crenshaw/LAX Transit Corridor Operations Project will provide a new high capacity transit line for Los Angeles County transit riders. This new service will enable reduction of air pollutants and toxic air contaminant emissions by shifting single occupant vehicle drivers to transit. The Crenshaw/LAX Transit Line will serve populations in areas that meet the State's definition for disadvantaged and low-income communities. All eight of the new service's transit stations are located in such defined areas.

The FSI Pilot is expected to provide immediate financial relief to many of Los Angeles County's most vulnerable taxpayers. The Pilot provides an opportunity to assess how a fareless system could support equity and may give insights into the effects of fares on initiatives to

- reduce congestion,
- increase transit ridership,
- decrease greenhouse gas emissions,

- increase access to opportunity for more residents, or
- reduce fare evasion penalties, which disproportionately impact low-income riders.

Staff recommends using this grant to fund the Crenshaw/LAX Transit Corridor Operations Project and/or FSI Pilot because their characteristics align well with the grant program eligibility criteria and strongly supports Metro's commitment to further reduce greenhouse gas emissions by expanding transit usage among Los Angeles County's residents and employees. Staff received support for both the Crenshaw project and FSI Pilot during and in response to community engagement opportunities.

### **DETERMINATION OF SAFETY IMPACT**

The requested actions will have no impact on the safety of our customers or employees.

### **FINANCIAL IMPACT**

Adoption of the LCTOP resolution and authorization of the CEO to execute the required documents to claim LCTOP funds would positively impact the agency's budget by making \$22.7 million available to Metro.

#### **Impact to Budget**

Claiming LCTOP funds will have a positive impact on the FY22 budget, as LCTOP funds are scheduled to be disbursed to Metro in June 2021 for use in FY22.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The recommendations support Metro Vision 2028 Strategic Goal #1 to provide high-quality mobility options that enable people to spend less time traveling.

### **ALTERNATIVES CONSIDERED**

The Board may choose not to approve the resolution in Attachment A. Staff does not recommend this alternative because it would risk loss of Metro's FY 2020-21 LCTOP fund allocation amount of \$20.9 million and the \$1.8 million in LCTOP funds transferred by 14 municipal operators to Metro.

### **NEXT STEPS**

- April 9, 2021: Metro submits allocation request to Caltrans.
- June 1, 2021: Caltrans and CARB approve and submit project list to State Controller's Office.
- June 30, 2021: State Controller's Office releases approved project list.

### **ATTACHMENTS**

Attachment A - Resolution to Execute LCTOP Project, Certifications and Assurances and Authorized Agent Forms

Prepared by: Wendy San, Transportation Planner, Countywide Planning & Development, (213) 922-

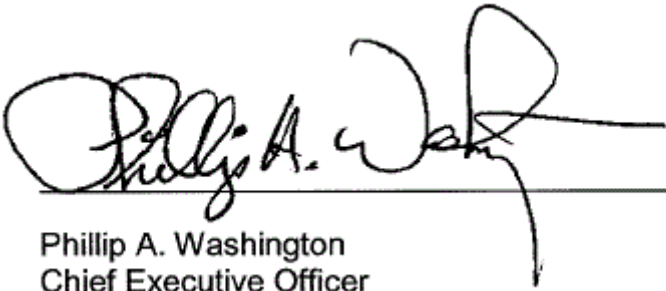
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Reviewed by: James de la Loza, Chief Planning Officer, (213) 922-2920



Phillip A. Washington  
Chief Executive Officer

**Los Angeles County Metropolitan Transportation Authority  
Board Resolution**

**Authorization for the Execution of the Certifications and Assurances and  
Authorized Agent Forms for the Low Carbon Transit Operations Program  
(LCTOP) for the Following Project:**

**Crenshaw/LAX Transit Corridor Operations Project and/or Fareless System  
Initiative Pilot - \$22,690,757**

**WHEREAS**, the Los Angeles County Metropolitan Transportation Authority (Metro) is an eligible project sponsor and may receive state funding from the Low Carbon Transit Operations Program (LCTOP) for transit projects; and

**WHEREAS**, the statutes related to state-funded transit projects require a local or regional implementing agency to abide by various regulations; and

**WHEREAS**, fourteen Los Angeles County LCTOP recipients (Contributing Sponsors) have submitted "Letters of Intent" to transfer \$1,800,369 in PUC 99314 FY2020-21 LCTOP funds to Metro for Metro's FY 2020-21 LCTOP Project; and

**WHEREAS**, Senate Bill 862 (2014) named the Department of Transportation (Department) as the administrative agency for the LCTOP; and

**WHEREAS**, the Department has developed guidelines for the purpose of administering and distributing LCTOP funds to eligible project sponsors (local agencies); and

**WHEREAS**, Metro wishes to delegate authorization to execute these documents and any amendments thereto to the Chief Executive Officer (CEO), or his designee; and

**WHEREAS**, Metro wishes to implement the following LCTOP project listed above;

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Los Angeles County Metropolitan Transportation Authority that the fund recipient agrees to comply with all conditions and requirements set forth in the Certification and Assurances and the Authorized Agent documents and applicable statutes, regulations and guidelines for all LCTOP funded transit projects.



Los Angeles County  
Metropolitan Transportation Authority

**Metro**

**NOW THEREFORE, BE IT FURTHER RESOLVED** that the CEO or his designee is authorized to execute all required documents of the LCTOP program and any Amendments thereto with the California Department of Transportation.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Los Angeles County Metropolitan Transportation Authority that it hereby authorizes the submittal of the following project nomination and allocation request to the Department in FY 2020-21 LCTOP funds:

**Project Name:** Crenshaw/LAX Transit Corridor Operations Project and/or Fareless System Initiative Pilot

**LCTOP Funds Requested:** \$22,690,757 comprised of Metro's allocation of \$20,890,388 and PUC 99314 allocations transferred to Metro from 14 Los Angeles County LCTOP Contributing Sponsors totaling \$1,800,369 for Metro's FY 2020-21 LCTOP Project.

**Description:** Pre-revenue service testing and a portion of the first year of operations of the Crenshaw/LAX Transit Corridor light rail service, combined, as approved, with Metro's Fareless System Initiative Pilot.

**Benefit to Priority Populations:** The project alignment will operate through both disadvantaged communities as defined by SB 535 (2012) and/or low-income communities as defined by AB 1550 (2016). In addition, all eight new light rail stations are located within areas that meet the State's definition for disadvantaged and/or low-income communities. Therefore, the project will enable reduction of air pollutants and toxic air contaminant emissions as defined by the State by providing greater access to the regional transit system.

**Contributing Sponsors:** Antelope Valley Transit Authority, City of Arcadia, City of Claremont, City of Commerce, City of Culver City, Foothill Transit Zone, City of Gardena, City of La Mirada, City of Montebello, City of Norwalk, City of Redondo Beach, City of Santa Clarita, City of Santa Monica and City of Torrance.



Los Angeles County  
Metropolitan Transportation Authority

**Metro**

## **CERTIFICATION**

The undersigned, duly qualified and acting as the Secretary of the Los Angeles County Metropolitan Transportation Authority, certifies that the foregoing is a true and correct representation of the Resolution adopted at a legally convened meeting of the Board of Directors of the Los Angeles County Metropolitan Transportation Authority held on Thursday, April 22, 2021.

By: \_\_\_\_\_  
Interim Board Secretary, Los Angeles  
County Metropolitan Transportation  
Authority

Dated:

(SEAL)



Los Angeles County  
Metropolitan Transportation Authority

**Metro**



## Board Report

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**File #:** 2021-0116, **File Type:** Motion / Motion Response

**Agenda Number:** 34.

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**CONSTRUCTION COMMITTEE  
APRIL 15, 2021**

**SUBJECT: ENHANCEMENTS TO METRO'S MEDIUM-SIZE BUSINESS ENTERPRISE PROGRAM AND SMALL BUSINESS ENTERPRISE PROGRAM**

**ACTION: RECEIVE AND FILE**

RECEIVE AND FILE the response to Board Motion 51 by Directors Dupont-Walker, Hahn, Mitchell, Butts, Najarian and Solis at the January 2021 Board meeting.

**ISSUE**

On January 28, 2021, the Board passed Motion 51 (Directors Dupont-Walker, Hahn, Mitchell, Butts, Najarian and Solis) and requested a report back in April 2021 on strategies to create new pathways for the increase and continued access to contracting opportunities for Small Business Enterprises (SBEs) and Medium-Size Business Enterprises (MSZs) through the enhancement of Metro's MSZ and SBE Programs.

**BACKGROUND**

Metro has identified and implemented programs to provide opportunities for Disadvantaged (DBE) and Small Business Enterprises (SBE) to participate in many of the larger construction initiatives. Prime contractors are required to submit proposals with innovative DBE Contracting Outreach and Mentoring Plans (COMP), and must also include a Mentor Protégé program in their proposals. Race Conscious DBE contract goals apply to federal procurements and Metro has eliminated Good Faith Efforts (GFE) provisions for all non-federally funded RFPs and IFBs. Metro has designed and implemented programs to provide opportunities specific to helping SBEs win contracts as prime contractors and established set-aside contracting opportunities for medium-size businesses (MSZs) to compete with similar size firms to addresses the gap between small and large businesses.

While Metro recognizes that its programs offer exciting opportunities for small and medium sized businesses, Metro recently sought comments from this community by launching a survey that was distributed to over 20,000 participants to obtain feedback on their experiences and provide recommendations for improvement. The survey was conducted February 16<sup>th</sup> through 26<sup>th</sup> with 331 firms responding.

In addition to the survey, Metro staff also benchmarked several agencies to seek best practices and assess program requirements, certification standards, and processing.

## **DISCUSSION**

Metro has taken the results of the survey and benchmarking study into consideration when addressing the following recommendations from Motion 51 as follows:

**A. Review requirements for contracting opportunities with SBEs, including but not limited to:**

**1. Determining feasibility of achieving certification reciprocity with agencies at the state, county, and local levels that have similar baseline standards as Metro.**

Metro's analysis revealed that the City of Los Angeles, LAWA, LAUSD, and the County of Los Angeles accept both Metro and DGS certification. In addition, the County of Los Angeles has had conversations with Metro regarding its SBE Program and is considering developing their own program that would emulate Metro's.

This may present an opportunity for 1) the City, County and Metro to develop reciprocity agreements for a County Wide Small Business Program where both the city and the county accept Metro Certification, or 2) the city and County adhere to Metro certification standards.

**2. Exploring strategies to ensure that only legitimate SBEs and MSZs may compete for Metro contracts**

Through benchmarking Metro found that most agencies accept or follow a program similar to the DGS certification for SBE Programs and Projects. Metro's review of these programs found that they rely on a self-certification process, with little to no vetting taking place. This process allows for non-disadvantaged firms to participate in these programs. Metro's review and certification is more robust including features such as requiring that businesses be independent and organized for profit, qualified owner(s) personal net worth must meet established thresholds, annual gross receipts must be less than specified targets over a three year average, qualifying applicants must be in control of management and daily business operations and own 51% of the business, and the applicant must be a U.S. Citizen or lawfully admitted permanent resident. Accepting a self-certification would not be in the best interest of the small business community and potentially may allow non-qualified firms to participate in programs intended for small business.

**3. Reviewing certification standards, ownership, owner credentials, and other costs associated with competing for contracts, and recommending steps to streamline the process, ensuring integrity while making it more user-friendly and less costly.**

We previously discussed some of the features that Metro reviews in order to ensure that only legitimate firms compete for contracts. In addition, once firms are vetted Metro makes every effort to ensure that the competitive process is fair and open to appropriate competition. Metro's solicitations are advertised and available via the Vendor Portal,



generally for download. There are exceptions where certain solicitations may exceed Metro's technology capabilities and thus require alternative delivery methods. An alternative delivery method may involve obtaining the documents in hardcopy or via another form of media. Vendors requesting alternative media are subject to a small, incidental cost to receive the media. Metro's Vendor/Contract Management has instituted the ability to accept credit cards for these transactions making it easier to pay for them without having to transact with Metro's cashier.

Metro is currently exploring new ways to enhance its ability to transact more electronically, but have been impacted by funding and resource technology constraints as there are many conditions (both internally for Metro and for our external Vendor community) that need to be considered before Metro can successfully transition. Since the COVID-19 Pandemic, Metro is working to accelerate advancements and is now utilizing email to accept IFB and RFP submittals. An email address has been established to exclusively handle this activity reducing the costs to receive media and/or physically deliver responses.

Metro is also in the process of updating the Pre-Qualification process and enabling fillable forms for the applications. The forms have been developed and are available on Metro's website. Vendor's can download, complete electronically, and return via email reducing time and delivery costs. There is no additional cost to complete and submit the fillable forms. Lastly, interested Vendor's can self-register on Metro's website and receive notifications for solicitations that meet their criteria at no cost. Further enhancements to these processes are being considered.

***B. Review procurement requirements and identify potential ways to increase contracting opportunities for MSZs, including but not limited to:***

***1. Reviewing eligibility requirements for participation in the MSZ program to identify strategies to increase the number of businesses that qualify for the program***

Survey feedback resulted in a desire to close the gap between the Small Business Prime Set-Aside maximum amount of \$5M and the \$12M lower limit for the MSZ Program. Suggestions for a two-tier program and separating construction and professional services contracts was also recommended and is being considered. Additionally, the 3-year annual gross receipts requirements and the maximum number of employee's threshold will also be reviewed to ensure that they represent this group appropriately. Comments received in the survey suggests that Professional services firms are concerned that they can meet the gross receipts requirements, but exceed the 250-employee maximum threshold.

***2. Ensuring that recommendations consider equity, historically underutilized businesses, and key elements of the Disparity Study (current or proposed, if within the next 12 months).***

Metro staff met with the City of Los Angeles' staff on their Community Level Contracting

program. This is a project specific contracting program for small businesses for predetermined projects such as sidewalk repair, truck washing and solar panel installation. These projects are typically under \$100,000, priced by the City, and offered to small business on a pre-approved list on a rotating basis. Metro staff reviewed a sampling of the City's RFQ documents for this initiative and is conducting further research to determine the possibility of developing a comparable program.

The initial assessment is that the City of Los Angeles's contracting authority support's the execution of contracts to be used in a manner similar to Job Order Contracting (JOC) for construction contracts of \$100k or less. Currently, Metro does not have authority to enter into similar arrangements under the Public Contract Code, unlike the City and many school and college districts. Staff will continue to explore this community contracting approach and will further assess applicability, potential policy and statute changes that will yield specific benefits for Metro and its contracting community.

In addition, Metro is also looking into other initiatives like the "Leader Follower Mentor/Protégé" program where the roles of prime contractor and subcontractor switch during the project, providing development and capacity building experience to the subcontractor. This approach has been used in the Federal government most prominently with the United States Air Force. Metro staff is reviewing FAR Subpart 17.4 (Leader Company Contracting) and conducting further research to determine the feasibility of this program, and will provide updates in the future.

Staff reviewed lessons learned from the Business Interruption Fund (BIF) and Business Solution Center (BSC) to garner additional strategies for equity and to increase contracting opportunities for certified firms in underserved areas. Lessons learned for further assessment include:

0. Establishing trust with small business owners
  1. One-on-one outreach to small business owners works
  2. The need for a network of referral services
  3. The importance of financial literacy
  4. Demonstrating empathy and understanding of construction concerns

**3. *Defining strategies to create incentives for prime contractors to utilize MSZs that no longer meet SBE criteria; and***

Staff will explore ways to create incentives for prime contractors to utilize MSZs that no longer meet SBE criteria, particularly on capital projects. There is a lack of best practices regionally and nationally related to such incentives, requiring further research on opportunities and challenges. Metro will ascertain how best to obtain feedback from firms regarding their experiences in contracting outside of the SBE program and how prime contractors identify such firms when establishing teams. Currently, Metro does not maintain a database for firms that no longer meet SBE criteria. This is another area staff will examine for consideration of future programmatic improvements.

## **RECOMMENDATIONS**

Explore establishing reciprocity agreement(s) with cities, counties, and other agencies (BART, VTA) for SBE certifications.

Continue to review program requirements for Personal Net Worth and the potential to remove notarization requirements for SBE certification (notarization is a Federal requirement for DBE certification).

Continue to work with client's on expanding contracting opportunities for SBEs and MSZs through review of upcoming anticipated work and program thresholds.

Explore establishing a 2-step MSZ program with the first step rebranded as a bridge to reduce or eliminate the current gap between the SBE maximum amount of \$5M and the \$12M lower limit for the MSZ Program, thus allowing for firms that graduate out of the SBE or DBE program to continue competing with peer companies.

Review eligibility requirements for participation in the MSZ program with the intent to grow the number of firms that participate in the program including, but not limited to, thresholds for gross receipts and number of employees.

Enhance outreach for SBEs and MSZs to foster relationships with primes contractors. Engage TBAC and the small business community on SBE and MSZ programs to ensure there is adequate awareness including, but not limited to, announcements of any proposed changes to ensure that benefits can be realized.

Continue to utilize surveys and/or working sessions with the SBE community to maintain regular dialogue and gather ongoing feedback.

### **Other items to consider include:**

- Explore the community contracting approach for potential policy changes.
- Explore the Mentor/Protégé Leader Follower concept.
- Include the Equity platform goals as part of the disparity study scope for recommendations on how Metro can strengthen its contracting programs to reach historically overlooked neighborhoods and underserved communities.

## **FINANCIAL IMPACT**

There is no immediate budget impact to this Receive and File report. However, there are several actions Metro can take to increase contracting opportunities and advance equity that may have a financial impact to the FY22 budget.

## **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

This report supports strategic plan Goal 5.5, "Expanding opportunities for businesses and external organizations to work with Metro."

### **NEXT STEPS**

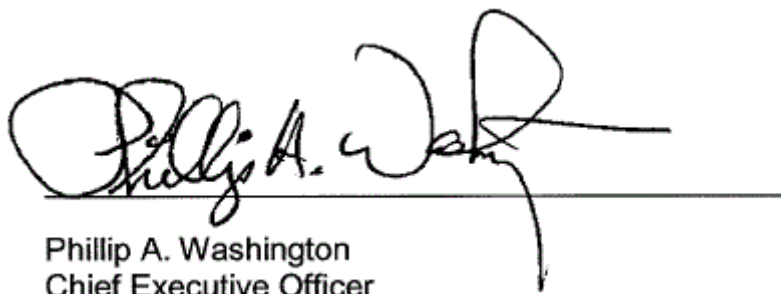
Staff will continue with the recommendations outlined above and engage with internal and external stakeholders and clients as required to advance changes and improvements for the purposes of updating and or seeking approval from the Board, as needed.

### **ATTACHMENTS**

Attachment A - Motion 51

Prepared by: Dr. Irma Licea, Director, DEOD, (213) 922-2207  
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Keith Compton, Director, DEOD, (213) 922-2406  
Tashai Smith, Deputy Executive Officer, DEOD, (213) 922-2128  
Miguel Cabral, Executive Officer, DEOD, (213) 418-3270

Reviewed by: Debra Avila, Chief Vendor/Contract Management Officer, (213) 418-3051



Phillip A. Washington  
Chief Executive Officer



**Board Report**

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**File #:** 2020-0930, **File Type:** Motion / Motion Response

**Agenda Number:** 51.

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**REVISED**  
**REGULAR BOARD MEETING**  
**JANUARY 28, 2021**

**Motion by:**

**DIRECTORS DUPONT-WALKER, HAHN, MITCHELL, BUTTS, NAJARIAN, AND SOLIS**

Enhancements to Metro’s Medium-Size Business Enterprise Program and Small Business Enterprise Program

In the time of current economic distress, Metro should review its Small Business Enterprise (SBE) program and Medium-Size Business Enterprise (MSZ) program to create new pathways for a continuum of contracting opportunities for SBEs and MSZs.

Metro’s SBE Program was intended to create opportunities for small businesses to obtain contracting agreements with Metro. With Metro’s size and presence in Los Angeles County, an SBE’s trajectory can dramatically change with one contract, however small it may seem compared to Metro’s overall contracting portfolio.

Most importantly, the SBE program has served as a tool for equity and can be made even more impactful with carefully administered adjustments. Metro, through its unique position in the county, has a responsibility and opportunity to lift up local small businesses, especially those in historically overlooked neighborhoods. The chance to compete for Metro contracts should be more accessible to, and protective of, these underserved communities. This creates more possibilities for L.A. County’s remaining SBEs and addresses the needs of an emerging group of MSZs.

Metro currently has many working relationships with such businesses. Still, there is always room for improvement-especially at this moment of ongoing economic distress. One potential is to strengthen its MSZ program to set-aside contracting opportunities for medium-size businesses to compete with similar-size firms.

In January 2019, Metro established the MSZ program. This program addresses the gap between small businesses and large businesses by creating opportunities where only MSZs can compete on non-federally funded procurements. Pursuant to AB-1205 (Jones-Sawyer), the MSZ program applies to both negotiated Requests for Proposal (RFPs) and low-bid Invitations for Bid (IFBs) with an estimated value between \$12 million and \$30 million. MSZs are defined as firms that are not a

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subsidiary of another firm, have gross annual receipts of \$25 million - maximum \$250 million (averaged over three years), with a maximum of 250 employees. While the intent of the program is to solicit and award to MSZs, solicitations still allow larger-size firms to respond. If Metro receives only one bid/proposal from an MSZ, it will consider bids/proposals from larger-size firms as well. This may have the unintended consequence of discouraging MSZs from competing for contracts.

Currently, there is one solicitation for the Construction Support Services for Metro G Line (Orange) Bus Rapid Transit Improvements Project. This procurement is pending a result based on proposals being received.

Acknowledging Metro's desire to create a more robust MSZ program, Metro should take additional steps to identify more opportunities to increase MSZ Prime contracting participation while continuing to facilitate small and disadvantaged business participation on such contracts.

**SUBJECT: ENHANCEMENTS TO METRO'S MEDIUM-SIZE BUSINESS ENTERPRISE PROGRAM AND SMALL BUSINESS ENTERPRISE PROGRAM**

**RECOMMENDATION**

APPROVE Motion by Directors Dupont-Walker, Hahn, Mitchell, Butts, Najarian, and Solis that the Board direct the Chief Executive Officer to study and recommend MSZ and SBE solutions that embrace Equity considerations, including but not limited to the Disparity Study, impact on historically underutilized businesses, and consistency with industry best practices. These studies should focus on the following:

- A. Review requirements for contracting opportunities with SBEs, including but not limited to:
  - 1. Determining feasibility of achieving certification reciprocity with agencies at the state, county, and local levels that have similar baseline standards as Metro
  - 2. Exploring strategies to ensure that only legitimate SBEs and MSZs may compete for Metro contracts
  - 3. Reviewing certification standards, ownership, owner credentials, and other costs associated with competing for contracts, and recommending steps to streamline the process, ensuring integrity while making it more user-friendly and less costly
  
- B. Review procurement requirements and identify potential ways to increase contracting opportunities for MSZs, including but not limited to:
  - 1. Reviewing eligibility requirements for participation in the MSZ program to identify strategies to increase the number of businesses that qualify for the program
  - 2. Ensuring that recommendations consider equity, historically underutilized businesses, and key elements of the Disparity Study (current or proposed, if within the next 12 months)

3. Defining strategies to create incentives for prime contractors to utilize MSZs that no longer meet SBE criteria; and
- C. Report back on all the above at the April 2021 Board cycle.



ITEM 34

Motion 51 Response  
Enhancements to Metro's Medium Size (MSZ)  
and Small Business Enterprise (SBE) Programs

Construction Committee

April 15, 2021



# MOTION OVERVIEW

- Motion 51 requested a review of strategies to create new pathways for the increase and continued access to contracting opportunities for Small Business Enterprises (SBEs) and Medium Size Business Enterprises (MSZs)
- Items Considered
  - CERTIFICATION
  - ENHANCEMENTS
  - INCENTIVES
  - EQUITY

# RECOMMENDATIONS

## ➤ CERTIFICATION

- Review SBE Personal Net Worth requirements
- Remove notarization requirements
- Explore reciprocity with cities, counties, and other agencies for SBEs

# RECOMMENDATIONS

## ➤ ENHANCEMENTS

- Review eligibility requirements for participation in the MSZ program.
- Explore 2-step MSZ program (bridge for graduated firms) to match competition between similar or peers
- Close the \$5M upper SBE limit and lower \$12M MSZ program limits

# RECOMMENDATIONS

## ➤ INCENTIVES

- Explore establishing incentives for prime contractors to utilize graduated firms (MSZs) that no longer meet SBE criteria.

## ➤ EQUITY

- Include Equity platform goals as part of disparity study scope for recommendations to reach underserved communities

# RECOMMENDATIONS

- **OTHER CONSIDERATIONS**
  - Boost outreach for SBEs and MSZs to foster relationships with primes contractors
  - Engage TBAC & SBE community on SBE/MSZ programs
  - Utilize surveys and/or working sessions to gather feedback from small business community
  - Explore community contracting and potential policy changes
  - Explore the Mentor/Protégé Leader Follower concept

Thank you!





## Board Report

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**File #:** 2021-0114, **File Type:** Informational Report

**Agenda Number:** 36.

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**CONSTRUCTION COMMITTEE  
APRIL 15, 2021**

**SUBJECT: AIRPORT METRO CONNECTOR PROJECT**

**ACTION: ADOPT LIFE OF PROJECT BUDGET**

**RECOMMENDATION**

CONSIDER:

ESTABLISHING a life-of project (LOP) budget for the Airport Metro Connector project in the amount of \$898,581,000 consistent with the provisions of the Board-adopted Measure R and Measure M Unified Cost Management Policy (Attachment C).

**ISSUE**

The Airport Metro Connector Project (AMC) will be the ninth station along the Crenshaw/LAX (C/LAX) Line and will connect directly with the Los Angeles World Airports (LAWA) Automated People Mover (APM) and become the key multi-modal gateway to the Metro system from Los Angeles International Airport (LAX). With direct connections between Metro rail, bus and active transportation systems to the APM and LAX, this new transit station will provide a welcoming, secure and convenient connection point that aims to stand as a significant flagship destination in both Metro and the City of Los Angeles transportation networks

**DISCUSSION**

Project Overview

In June 2014, the Board approved adding a new transit station to the C/LAX line at 96<sup>th</sup> Street to connect the C/LAX line with the LAWA APM. Subsequent Board actions authorized funding and contract actions for design and engineering services and directed the CEO to complete the environmental review and begin the required land acquisition. On January 26, 2017, the Board certified the AMC 96<sup>th</sup> Street Transit Station Final EIR. For the federal requirements per the National Environmental Policy Act (NEPA), an environmental memorandum was prepared to document the environmental findings for the AMC 96<sup>th</sup> Street Transit Station and to support a determination by FTA

that the project meets the criteria for a Categorical Exclusion (CE).

The AMC project has been designed by Gruen Associates and Grimshaw, in collaboration with the LAWA team developing the APM project. All design documents are now complete, and bids for the construction contract have been received.

The establishment of an LOP Budget for the Project after receiving bids for the construction contract is consistent with the recommendations in the Office of the Inspector General (OIG) Construction Management Best Practices Study Report and lessons learned regarding establishing final budgets, when adequate information (such as the receipt of hard bids) is available. Bids for the project were received on March 11, 2021.

### Project Description

The AMC Project will be centered around a vast circulation hub connecting a new CLAX Rail Station, an expansive 16-bay Bus Plaza, a multi-level active transportation/bike hub, a private vehicle drop-off zone and direct connection to the LAX APM. Within the central hub there will be a full customer service center providing travelers convenient access to purchase monthly passes, pick up and receive assistance with route planning, multiple interactive information kiosks and ticket vending machines (TVM), public toilet facilities beyond the fare paid zone, redundant vertical circulation systems, and commercial space for potential tenants with focus on providing enhanced passenger conveniences. A sculpture by Los Angeles native and internationally renowned artist Glenn Kaino will be included as part of the main AMC hub structure.

The Rail Station portion of the project, integrated into the CLAX Line, will contain the largest Light Rail Platform in the Metro system with two grade separated rail crossings, each with escalators and dual elevators, new swing door faregates, all ADA compliant, to allow for smooth passage with luggage; and full roof coverage over the entire platform.

The Bus Plaza will have 16 separate bus bays, several with articulated bus capacity, with infrastructure to add charging capabilities at all bays. Additionally, the bus plaza will have a separate customer fare center with TVM's and interactive information kiosks, a central plaza with expansive landscaping and seating; and dedicated public toilet facilities.

The Project will also feature a multi-level bike and active transportation hub with facilities for vendors and direct connection to the multi-use path along Aviation Blvd., a private vehicle drop off zone with dedicated vertical circulation, and a direct connection to the APM platform at the AMC Station, incorporated into a design that will both integrate the APM and AMC Station to create a seamless experience and to stand separately as a significant and singular Metro Transit Station

The project has been designed to achieve a Leadership in Energy and Environmental Design (LEED) Gold rating and includes sustainable features such as over 550,000 kilowatts of solar panels, large native landscaping areas and electric bus charging stations.

Renderings showing key components of the AMC station are included as Attachment A.

### Current Status of Work



The project team has completed extensive value engineering, design refinements and evaluation of project delivery methods for the construction scope including soft costs such as design and consultant fees, rail car system integration, real estate acquisition and relocations and hard costs, such as art and fare collections.

Along with value engineering, the team has completed an advanced and extensive constructability review process in order to prevent potential errors, future delays, and cost overruns. Furthermore, selection of a design-bid-build procurement strategy has allowed staff to base the proposed LOP predominantly on final bids already received for the Project.

The development of the project has also required extensive coordination with the CLAX Line and the LAWA projects around and within the AMC Project site. To adapt and incorporate the varying schedule and design components of both projects, the AMC Station was required to separate key preliminary site work and rail systems preparation in an Early Works phase for the project. The design work for this phase was completed in Winter 2020 with a construction contract already awarded to Hensel Phelps Herzog. This Work is scheduled to start in May 2021, initiating the start of the AMC Station project.

The second phase of the AMC Project, the overall design of the final station, has been developed in coordination with this Early Works phase to 100% Design Document completion and has recently received the bids for the construction contract. The award of the construction contract is scheduled for Summer 2021 with start of work expected Fall of 2021.

### **Additional Project Considerations**

#### **Land Acquisition**

The Metro Real Estate Department initiated the acquisition process to acquire the Hertz Corporation's maintenance facility for rental vehicles and shuttle buses ("Hertz Property") in August 2017. The Hertz Property, located adjacent to the Metro owned Southwest Yard and CLAX ROW, encompasses 11.1 acres of property bounded by West Arbor Vitae Street to the north, CLAX ROW to the west and Aviation Blvd to the east and south.

The initial offer to acquire the Hertz Property was not accepted and the Metro Board adopted a Resolution of Necessity to acquire the Hertz Property through the eminent domain process on June 28, 2018. Metro obtained possession of the Hertz Property in July 2019 and Hertz has been relocated. With the recent bankruptcy of Hertz Corporation, the eminent domain action and negotiations have been delayed. Prior to the bankruptcy, updated appraisals were obtained based on a new date of value of July 2019 and additional funds were deposited totaling \$50,000,000. As a result of the updated appraisals by Metro and the owners, additional funds may be necessary in the future based on the increased valuations, the final jury award or settlement discussions. The trial to resolve the valuation issue has been deferred to late 2021 or potentially 2022 due to the limited access to the Courts caused by COVID.

#### **Operations Plan during Construction**

With the scheduled start of the AMC construction in late 2021, adjustments to the public operations of the CLAX Line will be required once it begins, as the rail platform component of the AMC Station will

close the portion of the CLAX Line within the project area.

With this understanding, the AMC Team in full coordination with Metro Operations, has implemented three key conditions to support the operations of the CLAX Line during this construction period:

- The Early Works phase of the Project will install temporary turnbacks, with related rail systems and rail car design adjustments, at the north and south ends of the Project limits to allow for segmented and separate operations of the CLAX Line.
- Limitation of the Project area within the CLAX ROW has been clearly defined to allow for continuous access and operations of the Southwestern Yard (SWY) rail yard leads to maintain daily rail operations and maintenance throughout the entirety of the construction.
- Separate scheduling and requirements have been incorporated within the AMC Station construction contract to install the final rail and rail systems and requisite safety barriers before the completion of the rest of the transit station. This will allow for end-to-end CLAX operations after 20 months from the beginning of continuous access to the CLAX ROW to begin the AMC Work.

The project will make full coordination with Metro Operations the highest priority to mitigate unnecessary interruptions to the CLAX Line testing and operations throughout the construction of the AMC Station Project.

#### Operations Staffing

Expected heavy use of the AMC Station will require several full-time personnel in the Metro Rail Operations and Facilities Maintenance Department for both the construction and initial operations of the completed Station.

During the early stages of construction, the CLAX Line will be under testing and is expected to begin public operations. Additionally, the AMC Project has been scheduled in separate construction phases to complete the rail station portion of the Project before the completion of the overall Project to allow for the expediting of end-to-end CLAX Operations, allowing rail service to run through the AMC Project area during construction of the remainder of the Project. This critical work on the CLAX ROW and the SWY will require rail operations personnel to work closely in cooperation with the AMC Contractor throughout the Rail Platform construction phase. Specifically, the installation of the utility buildings and the rail station will be intertwined with SWY operations and the rail track and systems network of the CLAX Line.

Once the AMC Station is completed, the vast circulation (12 escalators, 13 elevators), security systems and overall maintenance of the multi-modal hub will require full time maintenance personnel to keep the station secure, clean and convenient throughout its initial operations. Operations will request the required personnel to support the construction phase and ongoing operations in a separate Board action.

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## **DETERMINATION OF SAFETY IMPACT**

This Board action will have a positive impact on the safety of Metro's patrons and employees. Of significance, the AMC Station Project will provide safety and security by connecting all modes of transportation through a single central grade separated hub. Additional safety measures include the following:

- Singular entrance to the main hub from private vehicle drop-off and pedestrian areas
- New swing door faregates, all ADA compliant, to allow for patrons to easily move through with luggage
- Dual elevated pedestrian rail crossings to the rail platform
- All LED lighting throughout entire Transit Station
- Over 150+ security cameras throughout the Station
- LAWA and Metro Coordinated safety and security protocols between Los Angeles Police and Fire departments with interagency access to both LAWA and Metro security systems.

## **FINANCIAL IMPACT**

Work for AMC has been funded with Project 460303, Airport Metro Connector, and Project 860303, Airport Metro Connector Construction. The FY21 adopted budget notes that Project 460303 had an authorization of up to \$58,218,000 and Project 860303 has an authorization of \$178,752,000 for a combined total of \$234,970,000. This action would establish a Life of Project Budget of \$898,581,000.

The AMC is included in the November 2016 Measure M Expenditure Plan with an allocation of \$581,000,000 in 2015 dollars. Both the Measure M and Measure R ordinances provide a concomitant amount of funding, including planned amounts of State and federal grants. The LOP budget is an increase to the most recent Measure R/M allocation and planned amount of funding, and is subject to the Unified Cost Management Policy (the Policy), which is provided in Attachment C. The Policy recommends trade-offs to identify the funds necessary to meet the cost increase. The Policy analysis recommends the use of Proposition A 35% Rail Development and Proposition C 25% Transit-Related Streets and Highways as these are the most available of the eligible funding sources to address the cost increase. Metro staff will also allocate approximately \$100,200,000 of new federal stimulus and existing grants to other Metro projects in order to free a portion of the needed Proposition A 35% and Proposition C 25% funds, which are only eligible for capital expenditures. The federal stimulus funds come from the capital project-only eligible portion of Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) funding received by the State of California.

The AMC project has committed funding from Federal revenues, including Surface Transportation Block Grant (STBGP) and Congestion Mitigation & Air Quality Program (CMAQ); State Revenues including Transit and Intercity Rail Capital Program (TIRCP) and Solutions for Congested Corridors

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Program; and Local Revenues including Measure R - Transit Capital and Measure M - Transit Construction. This Project is currently funded on a fiscal year basis under Project 86303 Airport Metro Connector Construction in Cost Center 8510.

A funding plan showing the sources and uses of funding for this project is included as Attachment B.

#### Impact to Budget

The proposed action will not have an impact to the FY21 Annual Budget. The FY21 Annual Budget has \$64,181,598 in Cost Center 8510, Construction Contracts/Procurement, for Project 860303, Airport Metro Connector Construction. This is a multi-year project requiring expenditure in fiscal year increments with the adoption of the Board Authorized Life of Project Budget. It will be the responsibility of the Project Manager and Chief Program Management Officer to budget for this in future fiscal years.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

Recommendation supports strategic plan goals # 2 “Deliver outstanding trip experiences for all users of the transportation system” and #4 “Transform Los Angeles County through regional collaboration and national leadership.” The AMC Station has from the beginning of the planning and design stages, through continuous and diligent coordination with LAWA and the City of Los Angeles and now, moving forward with the construction has carried these two strategic goals as two of the highest priorities. With this multi-modal transit station providing direct connections between Metro rail, bus, active transportation systems and the APM and LAX, the AMC Station aims to be a cornerstone in the continued growth and transformation of Metro and the City of Los Angeles public transportation networks.

### **ALTERNATIVES CONSIDERED**

The Board may choose not to approve the LOP budget for this project. This alternative is not recommended since rejecting this project would jeopardize state funds that are in place, which include Solutions for Congested Corridors and TIRCP funds. Moreover, it would negate any direct connection between LAX and the Metro Rail system.

The Board may elect scope reduction or value engineering to lower costs for this project. Staff does not recommend this alternative as the descoping requires significant design changes and costs and would result in significant negative impacts to the project goals and objectives. The design of the AMC project has been coordinated with the LAX Automated People Mover project and any change to the design will impact the design of the LAWA project. Additionally, this alternative could cause delays to the LAX Automated People Mover project as well as impacts to the C/LAX project end-to-end revenue service dates.

The remaining service alternative option will be to provide costly and traffic dependent bus shuttle

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service, by both Metro and LAWA, from one of the adjacent Metro Stations into LAX or to one of the new APM transit stations. Additionally, separate areas will need to have property secured, designed and developed for a bus and active transportation terminal.

### **NEXT STEPS**

Upon Board approval, staff will award the primary construction contract and start construction in Fall 2021. With a roughly 36-42 month schedule of construction, it is estimated that the project will be complete and ready to open for passenger service in late 2024/early 2025. Staff will also execute other contract modifications for procurement and installation of the fare collection equipment and fare gates and for Rail Car Systems Integration.

### **ATTACHMENTS**

Attachment A - Project Renderings

Attachment B - Funding and Expenditure Plan

Attachment C - Measure R and Measure M Unified Cost Management Policy Analysis

Prepared by:

Paul Whang, Senior Director, Engineering, Program Management, (213) 922-4705;

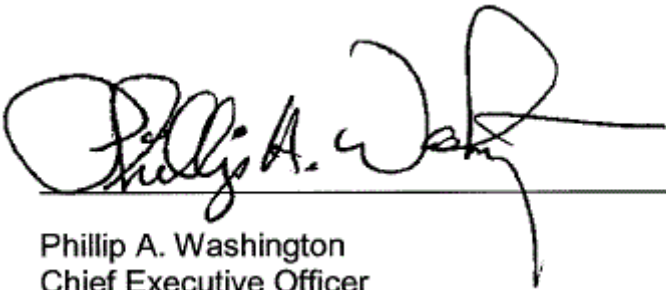
Rafie Zamani, Deputy Executive Officer, Program Management, (213) 418-3140;

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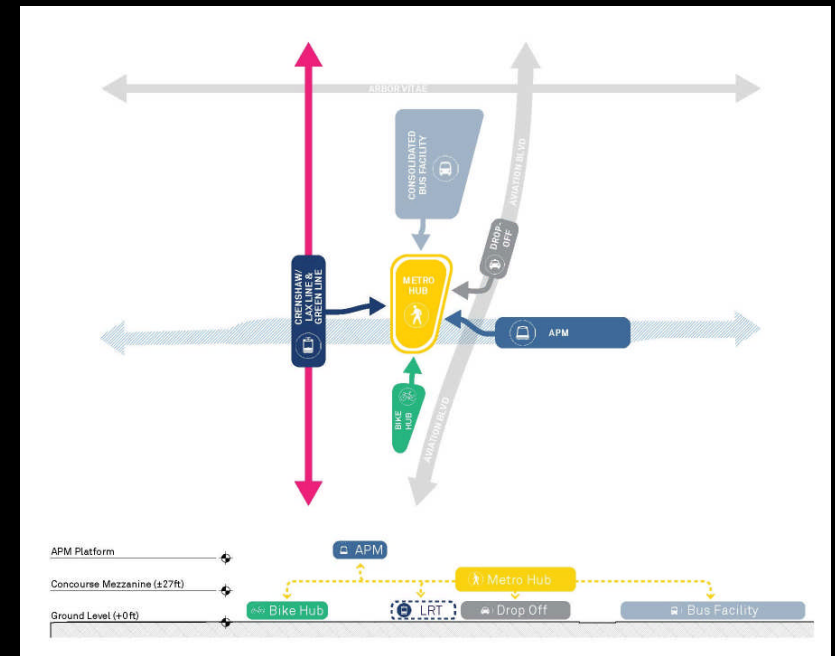
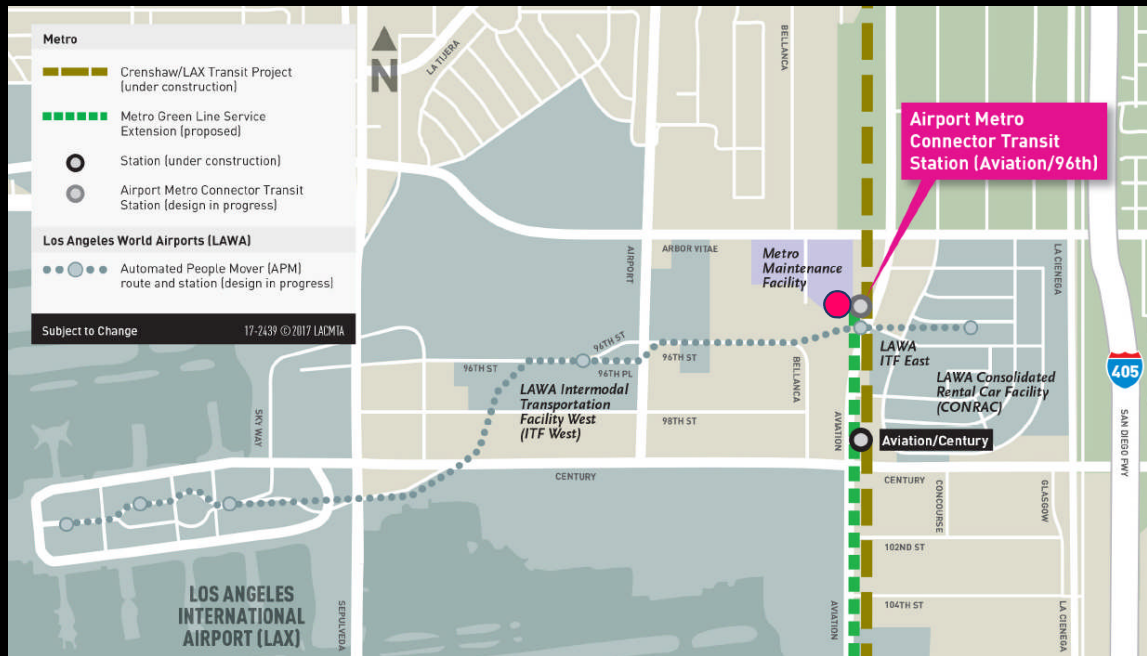
Phillip A. Washington  
Chief Executive Officer

# Airport Metro Connector Station | 60% DESIGN PRESENTATION





# Airport Metro Connector Station | PROJECT AREA + PROGRAM

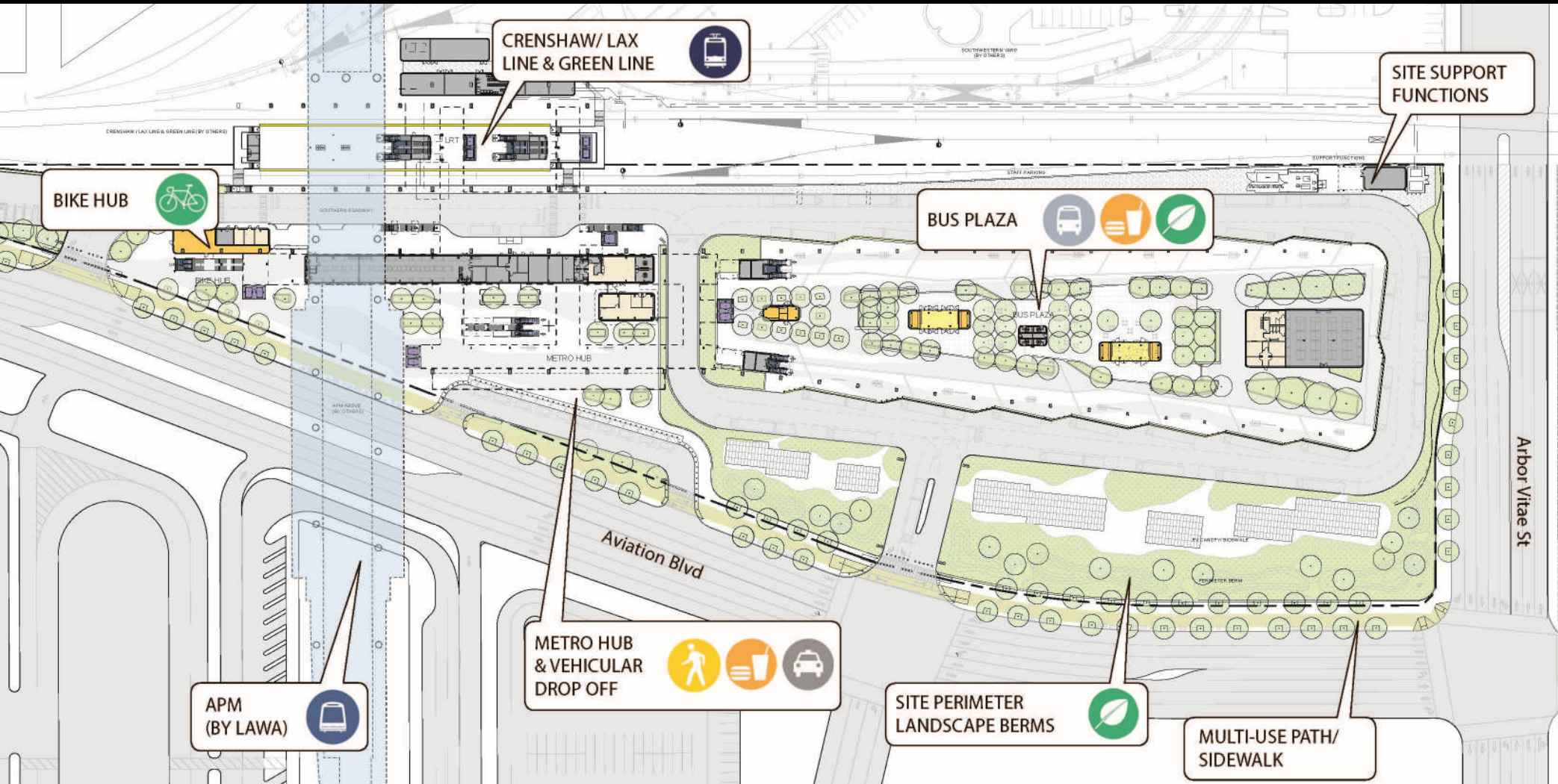


# Airport Metro Connector Station | BIRD'S EYE VIEW



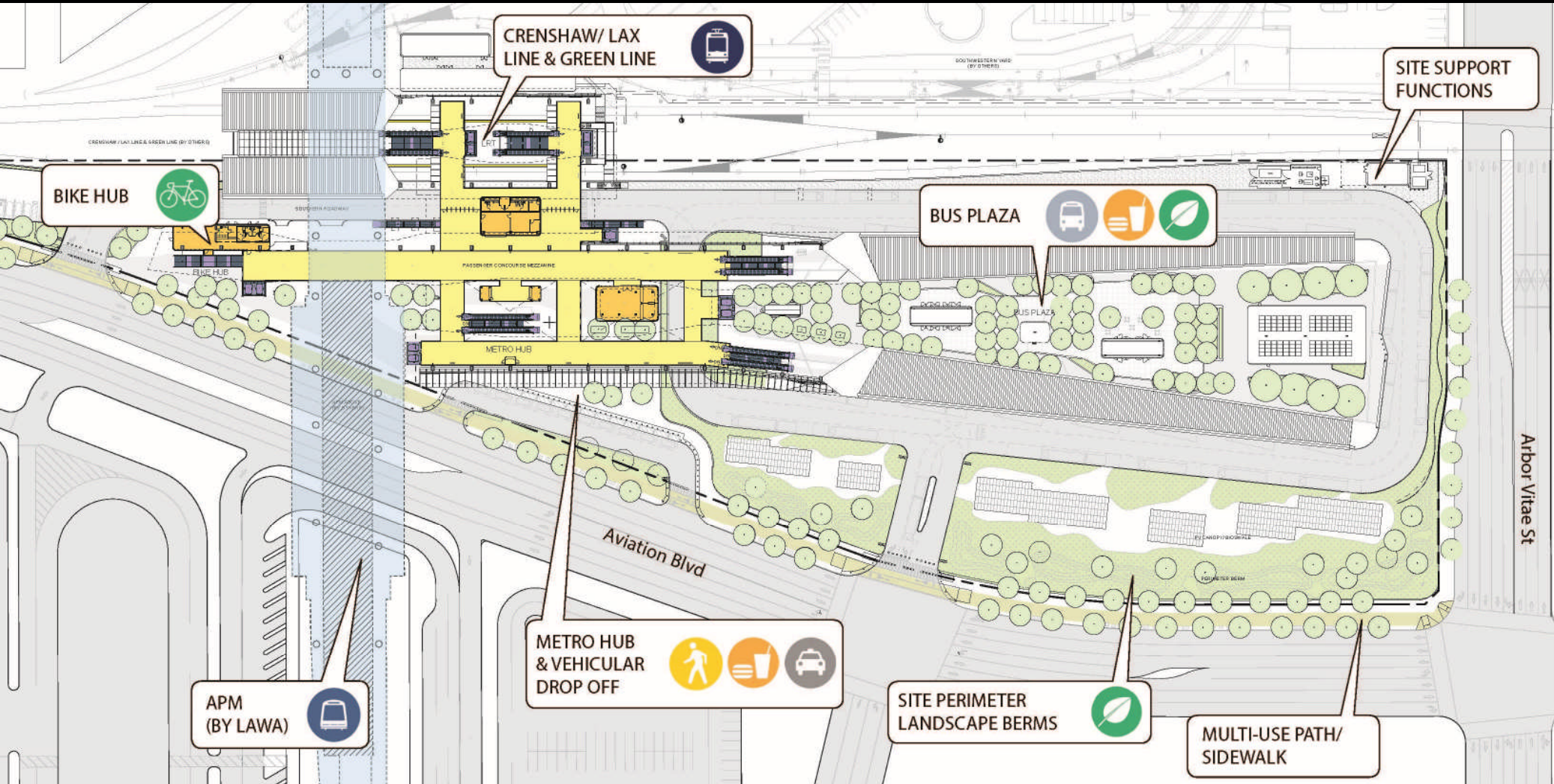


# Airport Metro Connector Station | GROUND FLOOR + SITE PLAN





# Airport Metro Connector Station | MEZZANINE LEVEL PLAN

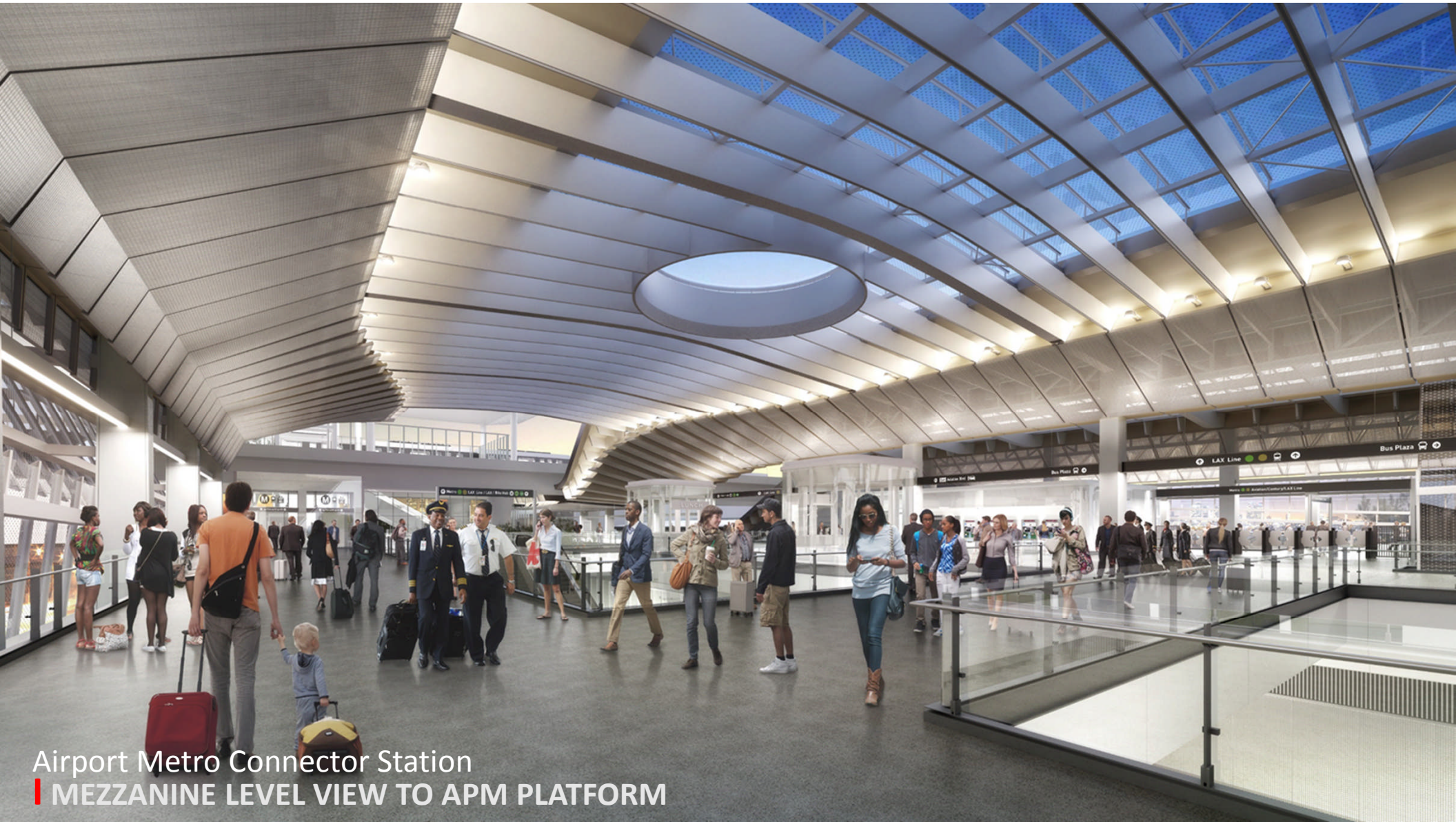




Airport Metro Connector Station  
**STREET VIEW OF BIKE HUB**







Airport Metro Connector Station  
| MEZZANINE LEVEL VIEW TO APM PLATFORM





Airport Metro Connector Station  
**CRENSHAW LINE RAIL PLATFORM**





Airport Metro Connector Station  
**| BUS PLAZA**

**EXPENDITURE and FUNDING PLAN  
Airport Metro Connector (AMC) Project**

Use of Funds	Inception– FY21	Remaining FY21	FY22	FY23	FY24	FY25	FY26	Total Capital Costs
<b>Design and Property Acquisition</b>								
Design Costs and Technical Reviews	36,575,000	-	-	-	-	-	-	36,575,000
3rd Party Agreements (City of LA/Gas Company)	3,476,000	-	-	-	-	-	-	3,476,000
Real Estate - Acquisition/Appraisals/Acquisitions	66,063,000	-	-	12,000,000	-	-	-	78,063,000
Real Estate - Legal Assistance with Real Estate	818,000	32,000	500,000	500,000	-	-	-	1,850,000
Real Estate - Leases	20,000	25,000	325,000	350,000	350,000	38,000	-	1,108,000
Agency Costs 460303	4,924,000	-	-	-	-	-	-	4,924,000
Agency Costs 860303	8,086,000	-	-	-	-	-	-	8,086,000
Design and Property Acquisition	119,962,000	57,000	825,000	12,850,000	350,000	38,000	-	134,082,000
<b>Construction</b>								
Construction Contract (Walsh/Shea - Contract C0988)	37,048,000	-	-	-	-	-	-	37,048,000
Construction Contract (Hensel Phelps/Herzog JV - Contract C0991)	3,726,000	782,000	-	-	-	-	-	4,508,000
Construction Contract C1194	-	3,000,000	18,000,000	10,000,000	-	-	-	31,000,000
Construction Contract C1197	-	30,000,000	175,000,000	175,000,000	90,000,000	7,827,000	-	477,827,000
Cubic work including TVMs and Gates	-	-	2,500,000	2,500,000	-	-	-	5,000,000
Rail Cars	-	-	6,000,000	6,000,000	-	-	-	12,000,000
Bus Bridge	-	-	6,750,000	6,750,000	-	-	-	13,500,000
Special Conditions (3rd Party Agreements)	-	75,000	755,000	2,250,000	950,000	118,000	-	4,148,000
Design Support During Construction	-	479,000	4,000,000	5,000,000	3,000,000	1,000,000	-	13,479,000
CMSS and Program Mgmt Consultants	-	2,250,000	8,500,000	9,000,000	6,000,000	2,937,000	-	28,687,000
Artwork (Fabrication/Installation/Staff)	58,000	43,000	500,000	750,000	500,000	250,000	-	2,101,000
Other Professional Services (Geotech/ Env/DEOD)	1,475,000	234,000	3,250,000	3,500,000	2,000,000	757,000	-	11,216,000
Agency Costs: Project Control, Procurement Support, Safety, Communications, etc.	-	257,000	4,500,000	11,700,000	9,851,000	1,636,000	-	27,944,000
Unallocated Project Contingency	-	-	-	-	-	-	96,041,000	96,041,000
Construction Phase Total	42,307,000	37,120,000	229,755,000	232,450,000	112,301,000	14,525,000	96,041,000	764,499,000
<b>Total Project Cost</b>	<b>162,269,000</b>	<b>37,177,000</b>	<b>230,580,000</b>	<b>245,300,000</b>	<b>112,651,000</b>	<b>14,563,000</b>	<b>96,041,000</b>	<b>898,581,000</b>
<b>Source of Funds</b>								
	<b>Inception– FY21</b>	<b>Remaining FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>	<b>FY26</b>	<b>Totals</b>
Federal – STBG	2,449,778	-	-	-	-	-	-	2,449,778
Federal – CMAQ	33,200,000	-	-	-	-	-	-	33,200,000
State – TIRCP	-	-	40,000,000	-	-	-	-	40,000,000
State – SCCP	-	37,177,000	112,823,000	-	-	-	-	150,000,000
Local – Measure R 35%	23,507,960	-	2,563,901	65,493,239	7,804,840	14,563,000	24,934,818	138,867,758
Local – Measure M 35%	103,111,262	-	50,612,522	88,446,056	104,846,160	-	-	347,016,000
Local – Proposition A 35%	-	-	24,580,576	91,360,706	-	-	8,870,976	124,812,258
Local – Proposition C 25%	-	-	-	-	-	-	62,235,206	62,235,206
Local – City of LA/LAWA *	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
<b>Total Project Funding</b>	<b>162,269,000</b>	<b>37,177,000</b>	<b>230,580,000</b>	<b>245,300,000</b>	<b>112,651,000</b>	<b>14,563,000</b>	<b>96,041,000</b>	<b>898,581,000</b>

\* Offsets Expenditures incurred under C0991

\*\* Local funding sources may change depending on available and eligible funding source.

**Airport Metro Connector**

**Measure R and Measure M Unified Cost Management Policy Analysis**

**Introduction**

The Measure R and Measure M Unified Cost Management Policy (the Policy) was adopted by the Metro Board of Directors in June 2018. The precursor Measure R cost management policy was adopted in March 2011. The intent of the Policy is to inform the Metro Board of Directors regarding potential cost increases to Measure R- and Measure M-funded projects and the strategies available to close any funding gaps. The Airport Metro Connector Project (AMC) is subject to this policy analysis.

The Airport Metro Connector Project is included in the November 2016 Measure M Expenditure Plan (entitled "Airport Metro Connect 96th St. Station/Green Line Ext LAX") at a cost of \$581,000,000 in 2015 dollars. The estimated Measure M Expenditure Plan cost in nominal or year-of-expenditure dollars is approximately \$637,000,000. AMC is also in the November 2008 Measure R Expenditure Plan (entitled "Green Line Extension to Los Angeles International Airport") at a cost of \$200,000,000 in 2008 dollars.

Metro is intending to set a Life-of-Project (LOP) budget, and this is an increase of \$261,581,000 to the most recent Measure R/M allocation, from \$637,000,000 to \$898,581,000. This analysis recommends trade-offs required by the Policy to identify the funds necessary to meet the cost increase.

**Measure R and Measure M Unified Cost Management Policy Summary**

The adopted Policy stipulates the following:

If a project increase occurs, the Metro Board of Directors must approve a plan of action to address the issue prior to taking any action necessary to permit the project to move to the next milestone. Increases will be measured against subsequent actions on cost estimates taken by the Metro Board of Directors, including the determination of the LOP. Shortfalls will first be addressed at the project level prior to evaluation for any additional resources using these methods in this order as appropriate:

- 1) Scope reductions;
- 2) New local agency funding resources;
- 3) Value Engineering;
- 4) Other cost reductions within the same transit or highway corridor;
- 5) Other cost reductions within the same sub-region; and finally,
- 6) Countywide transit or highway cost reductions or other funds will be sought using pre-established priorities.

The Policy analysis considers options for the cost increase to AMC.



### Scope Reductions or Value Engineering

Metro is intending to award a construction contract for AMC to the low bidder and any scope reduction or value engineering would require a rebid of the contract that will delay the schedule. Given AMC is one building, 100% designed, linked with the schedule of the Crenshaw/LAX line, and has involved extensive coordination with the City of Los Angeles on the design and components of the station, we recommend moving to the next step.

### New Local Agency Funding Resources

AMC is located in the City of Los Angeles and is designated as a “System Connectivity” project in Measure M and a Regional Facility Area in the Policy. Paragraph 6) of the Policy requires that for Measure R Regional Facility Area projects “Cost increases regarding these projects will be addressed from the regional programs share,” and local agency funding is not being considered for the cost increase.

The city is not expected to contribute funding for AMC as part of the 3% local agency funding assumption included in the Measure R and specific provision in the Measure M ordinance.

### Other Cost Reductions within the Same Transit Corridor

The corridor of AMC includes Crenshaw/LAX and the Green Line. However, AMC is designated as a “System Connectivity” project in Measure M and a Regional Facility Area in the Policy. Paragraph 6) of the Policy states that projects within the boundaries of regional facilities are exempt from the corridor and subregional cost reduction requirements of the Policy. Paragraph 7) of the Policy states that System Connectivity projects are exempt from corridor and subregional cost reduction requirements.

### Other Cost Reductions within the Same Sub-region

The AMC is defined as a System Connectivity project in Measure M and a Regional Facility Area in Measure R. Paragraph 6) of the Policy states that projects within the boundaries of regional facilities are exempt from the corridor and subregional cost reduction requirements of the Policy. Paragraph 7) of the Policy states that System Connectivity projects are exempt from corridor and subregional cost reduction requirements.

### Countywide Cost Reductions and/or Other Funds

AMC is eligible for \$200,000,000 of Measure R 35% and \$347,016,000 of Measure M 35% Transit funds as listed in the respective ordinance Expenditure Plan. A portion of the AMC Measure R 35%, \$61,132,242, has already been expended on the Southwest Yard, and is not available for AMC. The Measure M 35% can be fully allocated to the AMC project. AMC was also awarded \$40,000,000 from the State Transit and Intercity Rail and Capital Program and \$150,000,000 from the Solutions for Congested Corridors Program, and FTA has approved the use of \$35,649,778 of federal formula funds for planning work. As shown in the following table, the available, committed funds total \$711,533,536 and leaves a funding need of \$187,047,464.

AMC is additionally eligible for other local funds: Proposition A 35%, Proposition C 40%, Proposition C 25%, Measure R Rail Capital General Improvements 2%, Metro Lease Revenues, State Repayment Fund 3562, and Transportation Development Act Article 4 funds.

**Airport Metro Connector  
Committed Funding (As of April 2021)**

<u>Sources</u>	<u>Amount</u>
Measure R - Transit Capital (35%)	\$138,867,758
Measure M - Transit Construction (35%)	347,016,000
Transit and Intercity Rail Capital Program (TIRCP)	40,000,000
SB1 - Solutions for Congested Corridors Program	150,000,000
Surface Transportation Block Grant Program (STBGP)	2,449,778
Congestion Mitigation & Air Quality Program (CMAQ)	<u>33,200,000</u>
Total, Committed Funding	<u>\$711,533,536</u>
 Proposed LOP Budget	 898,581,000
 Funding Need	 <u>\$187,047,464</u>

*State and Federal Funding (Formula)*

Metro receives quasi-formula funding from the State through the Regional Improvement Program (RIP) and Local Partnership Program (LPP). This is considered regional funding as it can be applied countywide to both transit and highway spending. The most recent RIP funding was allocated to projects submitted in Metro's 2020 RTIP and the next cycle of the LPP is planned to be used on the \$801 million Division 20 project. However, the 2020 federal Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) allocated funding to the State, and the State decided to allocate a portion of the funding through the RIP. Metro expects a \$38 million increase in its RIP share.

Metro receives federal formula funding from the Congestion Mitigation and Air Quality (CMAQ) Improvement Program and the Surface Transportation Block Grant Program (STBG). Although AMC has received these federal funds for planning work, per the Federal Transit Administration, the project right-of-way and construction costs are not eligible for federal funds. Metro also receives an allocation of funds from the "Highway Infrastructure Program," which is a federal formula grant created in 2018 for uses that include the construction of highways, bridges, tunnels, transit capital, and ITS; operational improvements; highway and transit safety improvements; and pedestrian and bicycle projects, among others. Funding from this grant will be programmed in the pending 2021 Short Range Transportation Plan. The initial apportionments (FFY 2018 \$25,835,214, FFY 2019 \$36,399,992) from this program are only eligible for highway projects and will be allocated to those entering construction.

**Recommendation**

Staff recommends the use of \$124,812,258 of Proposition A 35% and \$62,235,206 of Proposition C 25% to address the \$187,047,464 funding need, as these are the most available of the eligible funding sources. To mitigate the impact on these local funding sources, which are allocated to other uses in the Metro Financial Forecast, \$62,235,206 of the Highway Infrastructure Program funds will be used on Metro highway projects that are currently 100% locally funded, and this will free Proposition C 25% for AMC. The \$38,000,000 increase in RIP from CRRSAA will be allocated to the East San Fernando Valley light rail project, and this will make an equal amount of Proposition A 35% available for AMC. These funding sources are only eligible for capital expenditures. The federal stimulus funds come from the capital project-only eligible portion of CRRSAA funding received by the State of California.

**Board Report**

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**File #:** 2021-0209, **File Type:** Informational Report**Agenda Number:** 42.

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**REVISED**  
**EXECUTIVE MANAGEMENT COMMITTEE**  
**APRIL 15, 2021**

**SUBJECT: FARELESS SYSTEM INITIATIVE UPDATE****ACTION: RECEIVE AND FILE****RECOMMENDATION**

RECEIVE AND FILE Report on Fareless System Initiative.

**ISSUE**

At the March 25, 2021 meeting Metro's Board of Directors unanimously passed Motion 43.1, relating to the Fareless System Initiative (FSI). Motion 43.1 recognized that the time is right for Metro to consider fareless transit and recommended a report back to the Board at the April 2021 meeting with information on a number of questions regarding a possible fareless system. Included in this report are responses to each of the points raised in the Motion.

**BACKGROUND**

The purpose of the Fareless System Initiative is to determine how Metro can provide financial relief to riders and bring back ridership on the LA Metro system. On September 1, 2020, Metro initiated the Fareless System Initiative (FSI) Task Force to study and identify facts, challenges, opportunities, and recommendations related to eliminating fares on Metro buses and trains. As a result of the past seven months of study and extensive discussions, the Task Force has identified an 18-month pilot, beginning with low-income LA County residents in January 2022, and expanding to include grades K through 12 in August 2022 and subsequently expanded to low-income LA County residents, with additional consideration given to expanding to Community Colleges, as the preferred approach. The pilot would conclude June 30, 2023. Additional consideration to include Community College students is also being explored.

A primary reason for this pilot approach is to learn how customers of Metro respond to this equity-based initiative. The pilot allows Metro to observe increases in ridership and gauge resource demands to more accurately forecast the cost and benefits of a fully fareless system. The scope and scale of FSI remain unprecedented in Los Angeles County and the nation, and the impacts of COVID-19 pandemic on future travel patterns remain unknown. Following in-depth research by the Task Force and assumptions derived from the expertise of a broad range of transportation professionals, a pilot offers the opportunity for a detailed and empirical assessment of our forecasted assumptions. Only through implementation of a pilot program can definitive answers be generated.

At the Federal level, new legislation has been introduced to provide funding for fareless initiatives (see Attachment B). It will take time and legislative debate before there is clarity on whether and how much money might be available for a permanent program through this potential new source of Federal assistance. Similarly, funds generated through a future congestion pricing program could be available to permanently invest in a fareless system, per the direction of the Metro Board of Directors. At this point in time, it is clear that a fareless program pilot in the nation's most diverse County will ideally position LA Metro to seek and justify additional funding from federal and other competitive and formula funding programs. It is the intent of the pilot to examine the feasibility of a fareless system, including the financial viability of moving towards a fully fareless system.

In responding to the questions outlined in Motion 43.1, (see Attachment A) focus is directed to the pilot initiative, with additional information of a long-term fareless initiative provided as the pilot moves forward.

**DISCUSSION**

**1. Report back at the April 2021 Board Meeting on the following regarding a possible FSI:**

- a. How Metro is including municipal operators in the planning process, including what it would cost to fully include them and how many of their riders would qualify;

In October 2020, the FSI Ad Hoc Committee was convened. The committee is comprised of thirteen self-selected agencies representing the Los Angeles County Municipal Operators Association and the Local Transit Systems Subcommittee as well as Access Services. The FSI Task Force recognizes that the FSI Ad Hoc Committee’s expertise, perspectives, and collaboration are vital to this initiative. To date, the FSI Ad Hoc Committee has held eleven meetings and will continue to convene indefinitely. As a result of Motion 43.1, the FSI Task Force and the the FSI Ad Hoc Committee are working to develop the pilot participation cost estimation methodology. The Task Force will collect and present the findings to the Metro Board of Directors at the May 2021 meeting.

- b. All the subsidies Metro, Municipal Operators, and Cities already offer, including LIFE and U-Pass, and how those programs play a role in and inform a fareless initiative;

**Metro’s Existing Reduced Fare Programs**

Metro currently offers reduced fare rates to the rider groups listed below:

Pass Type	Qualifier	Cost /Discount	Participants
Low-Income (LIFE)*	\$39,450 or less/yr.	Countywide Discounts ranging from \$8-\$24/mo.	79,000
Seniors	62+ years of age	Cost is \$20/mo.	241,858
Disabled/Veteran	Proof of disability	Cost is \$20/mo.	239,075

K-12 Student	Proof of enrollment	Cost is \$24/mo. or \$1 per boarding	57,224
College/Vocational	Proof of enrollment	Cost is \$43/mo.	10,289

\*Complete listing of Countywide LIFE discounts here: <https://www.metro.net/projects/life/> (under Transit Agencies +Discounts)

Metro also offers the following discounted Marketing Program, which are partnerships with schools and businesses designed to increase ridership:

Pass Type	Qualifier	Cost /Discount	Participants
U-Pass	Partner School	Cost ranges from \$16-\$43/mo.*	19,653
E-Pass	Partner Business	Cost ranges from* \$34-\$80/mo.	4,826
Small Employer Pass	Partner Business (less than 250 employees)	\$34/mo. with 50% of employees participating	10,199

\*Equivalent monthly costs of U-Pass and E-Pass based on actual boardings used by participants at partner organization each term/business quarter.

Metro has requested the information on discounts offered by all other transit agencies and cities in LA County and is compiling a complete list of Countywide discounts.

Existing discount programs that meet the qualifying factors of the FSI pilot program will be used to streamline distribution of the FSI pilot passes by autoloading passes to existing TAP cards without the need for an additional application process.

*c. How fareless will impact the Formula Allocation Procedure (FAP), state and federal grants, and ACCESS Services;*

The pilot will not change existing policy or legislation and will provide both a basis and opportunities to reevaluate current approaches to policies and statutes.

Metro’s Subsidy Funding Programs use established formulas to distribute regional transit operations funds to Metro and to Eligible and Included Operators in Los Angeles County. Through the FAP and Measure R Methodology, regional transit operations funding is allocated based on 50 percent Vehicle Service Miles and 50 percent Fare Units (total fare revenue collected, divided by the base fare). Since 2007, Fare Units have been frozen at 2006 levels per Metro’s current Funding Stability Policy (adopted in 2007). Pursuant to the 2007 Board motion, there should not be a reduction in Part 2 of the Formula should Metro go fareless. The policy states

- *If an Operator lowers their base fare anytime from July 1, 2006 forward, their fare units will be frozen at that Operator's fare unit level during the last full fiscal year*

*of the old higher fare.*

Because fare revenues are a major part of existing allocation methods, these formulas can be reassessed by the region if Metro permanently eliminates fares. Regional consensus is desired. Proposed amendments to the FAP require three-fourths approval by the Metro Board of Directors. Although the FAP was decided upon locally, the formula is also codified in state law. Thus, any changes to the FAP would also need to be reflected in state law.

At this time, there is one agency in LA County that has a specific FAP formula exception that addresses the fact that they do not collect fares (the City of Commerce). Since the agency does not collect fares, a zero base for Fare Units is used for City of Commerce in annual transit fund allocations.

Since Metro will maintain its \$1.75 base fare for non-pilot participants, Access Services' fare structure would remain. Based on current regulations, Access Services cannot charge more than double of Metro's base fare. As such, if Metro were to go fully fareless, a legal review would be required to determine the direction of Access Services' fares.

*d. What Metro's customer surveys tell us about fareless and other priorities.*

The FSI Task Force distributed an external, county-wide survey in October 2020 to current and future Metro customers to uncover the public's feedback and potential concerns, and to determine the level of support of a fully fareless system. Input was evaluated from 46,308 completed surveys. The audience was the general public with targeted advertising to Metro customers and non-customers, including the seven Los Angeles County sub-regions, and speakers of the following eight languages: English, Spanish, Armenian, Chinese, Japanese, Korean, Russian, and Vietnamese.

Across all demographic groups, the survey responses indicated that 86 percent of Metro riders and 80 percent of non-Metro customers support Metro going fareless. Survey respondents expressed concerns, with the top concern relating to service, quality, and frequency:

- i. Impacts to the quality of service, including adequate service, crowding, safety and security, cleanliness, and the presence of persons experiencing homelessness (PEH).
- ii. Cuts to system expansion, service levels, salaries, system upkeep, security, and cleaning.

*e. Potential cost savings and implications for what can be realized through a fareless program for all residents through elimination of TAP infrastructure, administration of pass and subsidy programs, etc.*

The current estimate of long-term fare collection function savings is \$74.4m annually and is identified in the table below.

Regional Fare Collection Operating and Maintenance Cost (Amount in Million)	FY21 Budget - for Metro & 25 transit operators	Labor <sup>(1)</sup>	Non Labor
<b>Ongoing Fare Collection Activities in Finance and Budget Dept</b>			
Cash Collection and Cash Counting	\$ 12.0	\$ 11.6	\$ 0.5
Cubic TVM Machine Maintenance	13.4	-	13.4
Credit/Debit Card Fee	2.2	-	2.2
TAP Operation, including TAP card, Card reader and database	14.9	9.5	5.3
<b>Subtotal Fare Collection Activities in Finance and Budget Dept</b>	<b>\$ 42.5</b>	<b>\$ 21.1</b>	<b>\$ 21.4</b>
SSLE Fare Enforcement and Collection Security Chaperon	13.1	13.1	-
Transit Court for Fare Dispute and Recovery	0.9	0.2	0.7
Operations Farebox Unit Repair and Installation	2.7	2.5	0.2
Communications Customer Information and TAP card fulfillment	11.3	11.2	0.0
ITS Hosting of Servers	3.9	0.0	3.9
Legal, Audit	0.1	0.0	0.1
<b>Total Agencywide Fare Collection Cost</b>	<b>\$ 74.4</b>	<b>\$ 48.2</b>	<b>\$ 26.3</b>
<b>Operating Cost Savings from Fare Collection by Scenarios</b>			

The elimination of fare collection infrastructure involves several variables: removal of fare collection property assets (fare boxes, ticket vending machines, etc.); elimination of fare collection-related vendor contracts; labor; and identification of viable alternatives to fare collection where necessary to maintain revenue collection for other TAP-reliant clients, products, and services (regional transit operators using the fare collection system, Metro Micro, Metro Parking and Metro Bike Share). During the FSI pilot period alternatives to TAP for these services would need to be identified, studied and implemented prior to the full elimination of fare collection infrastructure.

Fare Collection Property Assets (fare boxes, ticket vending machines, etc.)

The removal of fare collection property assets will result in costs to Metro of approximately \$2.2 million. Once removed, these assets have no resale value. Minimal labor costs savings resulting from removal of these assets is anticipated because personnel that maintain these assets can be reassigned to perform other maintenance related work that is already in their current job descriptions. There is no intention to layoff affected employees.

Fare Collection-related Vendor Contracts

As of September 2020 there are approximately 24 active contracts that were identified as related to revenue collection, with a total contract value of \$647 million and a remaining commitment of \$294 million. Metro’s contract with Cubic Transportation System Inc., the revenue management platform that drives Metro’s fare collection system, is the largest



active contract with a total remaining contract value of \$268 million. The Cubic contract expires in 2024. The leading concept identified for a proposed FSI pilot relies on the existing TAP system and the existing TAP related vendor contracts would remain in effect throughout the proposed pilot. The proposed pilot extends through June 2023.

#### Fare Collection Personnel

There are approximately 409 positions identified as working directly with providing fare collection support services and maintaining fare collection infrastructure for a total of approximately \$49 million in annual costs. Metro's needs would be evaluated during the FSI pilot.

#### Other TAP Reliant products and services

Metro's TAP system provides fare media for Municipal Operators, Access Services, Metro Micro, Metro Bike Share, and Metro Parking. Alternatives to TAP for these services would need to be identified and studied during the FSI pilot period and implemented prior to the full elimination of TAP infrastructure.

Boarding Data (unlinked passenger trips) is required for federal and state reporting purposes. In 2019, TAP supplied 51% of all boarding data information, while the remaining 49% of boardings was collected through a combination of manual reporting by bus operators, field observations, and APC data. Since TAP data does not capture 49% of all boardings, manual and APC data collection practices will continue to be utilized to provide comprehensive boarding data. Demographic data reporting is required by the FTA in order to determine the extent to which members of minority groups are beneficiaries of programs receiving Federal financial assistance. Since cash boardings do not yield demographic data, and 88% of TAP cards are purchased anonymously from vendors and vending machines and therefore lack demographic data, Metro will continue to conduct passenger surveys to fulfill FTA demographic data reporting requirements. Linked and Unlinked Trip Data collected via TAP supports trip planning and travel demand modeling.

## **2. As part of any recommendation to implement a fareless initiative, provide the following:**

- a. *Funding Source detail, including what those funds could go to if not fareless transit;*

The anticipated cost of the 18-month pilot is \$213million : \$88million during the 6-months of FY22 and another \$125 million for FY23. Included in the FY22 number is a net amount of \$68M to front-end/fully defease the General Purpose Bonds; County Counsel directed that this payment be included during the year in which the pilot begins, namely FY22. Please refer to Attachment C, which includes explanatory notes relating to funding.

Metro's Traffic Reduction Study is currently studying how to traffic can be reduced by managing roadway demand through congestion pricing and providing more high-quality transportation options. Upon completion of the study, which is anticipated in Spring 2022,

the Metro Board of Directors will decide whether to implement a traffic reduction pilot program in partnership with one or more cities. Should the Metro Board of Directors so choose, funds generated through a future congestion pricing program could be available to invest in a fareless system to make it easier for everyone to travel. The current anticipated program pilot launch is 2025.

- b. *A plan to decide how to evaluate the success of the program, including permanent funding sources and what would trigger an end to or continuation of the program;*

Upon approval of an FSI Pilot, an evaluation plan will be developed and brought back to the Metro Board of Directors for consideration. The FSI Ad Hoc Committee has expressed deep interest in this topic and has volunteered to co-create evaluation metrics. This evaluation plan shall be adopted before commencement of the FSI Pilot and shall include performance criteria as well as thresholds for continuation or discontinuation of the FSI Program. Potential performance criteria will include financial sustainability, program participation, ridership increases, successful reallocation and training of Metro staff in support of the FSI pilot, and an acceptable level of service and safety on system. Performance criteria will be further detailed with the development of the evaluation plan.

FSI Pilot performance monitoring will enable Metro to generate qualitative and quantitative data and understanding. Successful performance indications will be instrumental in justifying and seeking permanent funding. A lack of permanent funding will trigger the discontinuation of the program.

Sample Draft Pilot Performance Criteria Metrics (currently in Development)

Criteria	Effectiveness	Sustainability	Efficiency	Impact
financial sustainability				
pilot program participation				
increased boarding by pilot participants				
level of service				
quality of service				
increased trip by low-income riders				
employee safety				
rider safety				
system security				
additional criteria				
additional criteria				

- c. *A commitment to not cut service, state of good repair, or customer experience priorities;*

Metro recognizes that the quality of public transit affects people’s economic and social

opportunities and the FSI pilot is intended to complement other Metro programs and initiatives which seek to provide quality transit. As Metro returns to pre-pandemic ridership and moves to enhance service and the customer experience, the FSI pilot will ensure our most vulnerable riders have access to free transportation. Any necessary adjustments to service or change in the agency's priorities would require Board approval. There is a strong staff commitment to preserve and maintain the Board approved 7 million Revenue Service Hours standard and maintain all assets in a state of good repair. In addition to advancing the 7 million RSH, during the pilot Metro staff is planning for annual State of Good Repair commitments of \$452 million in FY22 and \$463 million in FY23, and an additional commitment of \$208 million in FY22 for the Better Bus Initiative.

- d. *If a FSI pilot is approved, regular reports back to the Board on how the initiative is impacting ridership, equity, Metro's finances, and the customer experience.*

If a FSI pilot is approved, Metro staff will provide regular reports to the Metro Board including updates on how the pilot initiative is impacting ridership, equity, Metro's finances, operations, security, and the customer experience.

### **FINANCIAL IMPACT**

There is no financial impact as a result of this receive and file report at this time.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

This recommendation supports the following strategic plan goals identified in Vision 2028. Goal 3 - Enhance communities and lives through mobility and access to opportunity; Goal 4 - Metro will work with partners to build trust and make decisions that support the goals of the Vision 2028 Plan; and Goal 5 - Provide responsive, accountable, and trustworthy governance within the Metro organization.

### **NEXT STEPS**

Staff will bring final recommendations to the Metro Board of Directors for consideration in May 2021.

### **ATTACHMENTS**

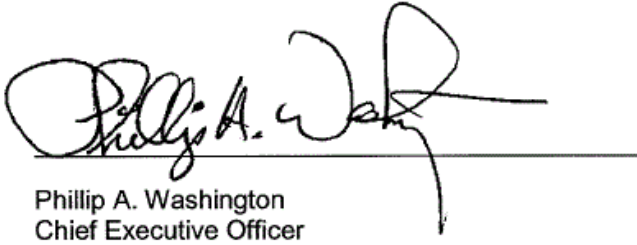
Attachment A - Motion 43.1  
Attachment B - Pressley Markey Legislation News Clip  
Attachment C - Funding Source Details

Prepared by:

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Fareless System Initiative Task Force

Reviewed by:



Phillip A. Washington  
Chief Executive Officer

## Metro

Los Angeles County  
Metropolitan Transportation  
Authority  
One Gateway Plaza  
3rd Floor Board Room  
Los Angeles, CA



## Board Report

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**File #:** 2021-0157, **File Type:** Motion / Motion Response

**Agenda Number:** 43.1.

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**REGULAR BOARD MEETING  
MARCH 25, 2021**

**Motion by:**

**DIRECTORS HAHN, GARCETTI, SOLIS, NAJARIAN, MITCHELL, AND SANDOVAL**

Related to Item 43: Fareless System Initiative

The time is right for Metro to consider fareless transit. We can get there, but we need more and better information and a clearer path forward.

Fareless transit must be applied equitably across Los Angeles County, focused on the communities most in need of free transit. And a fareless transit system must maintain our current efforts to create a fast, reliable, and dignified experience for all riders, especially riders who rely on transit as a lifeline.

A Fareless System Initiative (FSI) must be feasible and sustainable and take into account other strategic priorities, including Metro's Long and Short Range Transportation Plans, the NextGen Bus Plan, 28 x '28 Pillar Projects, Zero Emission Bus 2030, the Customer Experience Plan, and Traffic Reduction Study. We must also be accountable to our constituents who have placed their faith in Metro to deliver a major transit operations and construction program.

While fare revenues are not the sole revenue for Metro's transit operations, they pay directly for transit operations and maintenance. They factor into the allocations of local transit sales taxes and the availability of state and federal grants. Eliminating fares could have major impacts to ongoing transit operations, including NextGen, post-pandemic service restoration, and future service improvements.

Metro and municipal agencies have worked hard to establish subsidies based on things like income, age, disability, school enrollment, transit provider, and City of residency. As the Board considers an FSI pilot, it is important to fully understand what discounts are already offered to better inform the benefit FSI will have to riders.

While Metro is the largest transit provider in LA County, municipal operators serve a quarter of our region's riders. Riders who rely on municipal operators must be part of a fareless initiative.

Metro's work to pursue a fareless transit initiative pilot is timely, urgent, and important. Yet, many questions remain unanswered. We need more information to ensure the success of a fareless initiative in the long term.

**SUBJECT: FARELESS SYSTEM INITIATIVE**

**RECOMMENDATION**

APPROVE Motion by Directors Hahn, Garcetti, Solis, Najarian, Mitchell, and Sandoval that the Board direct the Chief Executive Officer to:

1. Report back at the April 2021 Board Meeting on the following regarding a possible FSI:
  - a. How Metro is including municipal operators in the planning process, including what it would cost to fully include them and how many of their riders would qualify;
  - b. All the subsidies Metro, Municipal Operators, and Cities already offer, including LIFE and U-Pass, and how those programs play a role in and inform a fareless initiative;
  - c. How fareless will impact the Formula Allocation Procedure (FAP), state and federal grants, and ACCESS Services; and,
  - d. What Metro's customer surveys tell us about fareless and other priorities.
  - e. Potential cost savings and implications for what can be realized through a fareless program for all residents through elimination of TAP infrastructure, administration of pass and subsidy programs, etc.
2. As part of any recommendation to implement a fareless initiative, provide the following:
  - a. Funding source details, including what those funds could go to if not fareless transit;
  - b. A plan to decide how to evaluate the success of the program, including permanent funding sources and what would trigger an end to or continuation of the program;
  - c. A commitment to not cut service, state of good repair, or customer experience priorities; and,
  - d. If a FSI pilot is approved, regular reports back to the Board on how the initiative is impacting ridership, equity, Metro's finances, and the customer experience.

# Pressley, Markey Re-Introduce Legislation to Fully Fund Fare-Free Public Transit

Congresswoman Ayanna Pressley and Sen. Edward J. Markey re-introduced the Freedom to Move Act, that is bold legislation to support state and local efforts to establish public transportation as a public good through fare-free services.

The lawmakers' bill introduction comes as transit agencies across the country, including the Massachusetts Bay Transportation Authority (MBTA), consider cuts to transit service—despite receiving over \$1 billion in federal relief over the past year. Earlier this month, Congresswoman Pressley and Sen. Markey joined their colleagues in the Massachusetts congressional delegation in writing to MBTA General Manager Steve Poflak expressing concerns regarding the MBTA's announcement that it would cut services this month.

“Public transportation is an essential public good, but for too long, we have not funded it like one. Far too many in the Massachusetts, and across the country lack reliable, safe, and affordable transit service,” Congresswoman Pressley said. “As our nation begins to turn a corner toward our ongoing recovery from this public health and economic crisis, it is critical that we center the connectivity of all communities. The Freedom to Move Act invests heavily in our public transit systems so that states and localities can offer safe, high-quality, and fare-free rides to all to ensure everyone in community can access jobs, food and essential services.”

“Affordability and accessibility must define our public transit systems to ensure that they truly promote equity, economic growth, and community development,” said Sen. Markey. “By supporting state and local efforts to implement fare-free public transit, we can provide low-income workers, families, seniors, and individuals with disabilities with improved access to jobs, education, medical care, and other critical services – all while simultaneously reducing traffic congestion and greenhouse gas emissions. I'm proud to reintroduce the Freedom to Move Act with Congresswoman Pressley and I look forward to fighting together for a just transit future.”

Before the COVID-19 pandemic, workers and families were spending more time and money commuting to jobs, education and other critical services than ever before. Data shows that low-income families in particular bear the biggest financial burden—spending nearly 30 percent of their household income on transportation expenses. At the same time, increased traffic congestion is contributing to growing greenhouse gas emissions and pollution, exacerbating climate change and contributing to health disparities like asthma and lung cancer in communities already at the margins.

Increasing access to free, safe, reliable and accessible public transit systems will help improve community livability and mobility, increase connectivity to critical services—particularly for low-income workers and families, seniors and individuals with disabilities—and address many of our nation’s most severe inequities.

The Freedom to Move Act would help to support state and local efforts to promote public transportation as a public good for all by:

- Supporting state and local efforts to implement fare-free public transportation systems. The bill establishes a \$5 billion competitive grant program, known as Freedom to Move Grants to offset fare revenues for transit agencies.
- Investing in efforts to improve the safety and quality of public transportation service, particularly in low-income and historically underserved communities, including by:
  - o Covering operational costs, including the hiring and training of personnel, fuel costs, and maintenance.
  - o Investing in public health emergency response efforts, including personal protective equipment and administrative leave for operational personnel.
  - o Improving the safety and accessibility of bus stops, pedestrian and bike shelters.
  - o Redesigning bus routes to improve service, modernizing and improving the accessibility of signage; and
  - o Modernizing surface infrastructure such as painted bus lanes and signal priority systems to alleviate traffic congestion and improve multi-modal accessibility.
- Requiring grantees to utilize funds with a particular focus on addressing transit equity gaps. Grantees would be required to work in partnership with community



advocates and stakeholders to report on how resources will be used to improve the reliability of transit service for low-income and historically underserved communities.

The Freedom to Move Act is endorsed by the Sunrise Movement, 350 MASS, A Better Cambridge, Action 4 Equity, Allston Brighton Health Collaborative, Alternatives for Community and Environment, Bikes Not Bombs, Boston Cyclist Union, Community Labor United, Green Newton, GreenRoots, The Health Foundation of Central Massachusetts, Inc, Institute for Transportation and Development Policy, LivableStreets Alliance, Massachusetts Bicycle Coalition, MASSPIRG, Massachusetts Sierra Club, Massachusetts Senior Action Council, Mattapan Food and Fitness Coalition, Riders Action Council, Transit Matters, WalkBoston.

“Public transit is oftentimes the lifeline for many of our residents, especially those who live in Environmental Justice communities,” said María Belén Power, Associate Executive Director, GreenRoots, Inc. “Many of our folks, the essential workers, have put their lives on the line during this pandemic, risking their lives and their families’ by continuing to go to work and keep the economy afloat. We have a moral obligation to treat them with the respect and dignity they deserve. We need robust investment into our public transit agencies for operational and capital improvements, so every single rider has access to reliable, affordable and safe public transit service. We applaud Congresswoman Pressley and Senator Markey for being leaders in the fight for transit justice!” Congresswoman Pressley and Senator Markey originally introduced the Freedom to Move Act in June 2020. In July 2020, the House of Representatives passed H.R. 2, the Moving Forward Act, which included a fare-free transit pilot program modeled on the lawmakers’ Freedom to Move Act

**Attachment C**  
Funding Source Details

<b>(A) Funding Need (\$ in million)</b>	<b>Alt FY22</b>	<b>Alt FY23</b>	<b>Notes for Alternative</b>
Transit Service Increase*	\$ -		Board Directed 7 million RSH, by 9/2021. Projected increased FSI pilot ridership is absorbed in 7m RSH. Will monitor & report service need monthly throughout the piloting period
Communications, Data Infrastructure, and Eligibility Processing	3.6	3.0	Communications and eligibility processing costs should increase
Defease General Purpose Bond	80.0	-	
P&I Payment	(12.0)	(12.0)	Total bond expenses under review
Fare Loss	16.3	134.4	Assumes gradual return to ridership, with 60% of low-income riders participating in FY22, and increasing to 75% by FY23
<b>Funding Need Total</b>	<b>\$ 88</b>	<b>\$ 125</b>	
<i>*Every 1% bus service increase will require funding of \$12 to \$14 million. Will monitor closely.</i>			

(B) Budget Prioritization Opportunities	Preliminary Budget		Potential Savings		Notes
	FY22	FY23	FY22	FY23	
*Efficiency Savings on Bus and Rail Operating and Maintenance (O&M)	\$ 2,038.9	\$ 2,230.8	\$ (40.8)	\$ (44.6)	Due to new buses, newer Rail Lines, there is potential to reduce bus unit cost from OT, Parts and Facility cleaning contracts accounts. Recommend starting with 2% reduction per year
*MicroTransit Pilot Evaluation	39.6	40.7	(7.3)	(7.4)	Consider more gradual expansion to 9 zone until assessment of pilot
*Assessment of SGR Cashflow Needs	452.3	462.7	(37.6)	(37.0)	Align cashflow requirement based on actual expenditure rate of SGR, with no reduction to SGR projects
*5% Agency Overhead, Adm and Support Department Cost Reduction	131.9	134.9	(6.6)	(6.7)	
Continue VSIP program			(5.0)	(10.0)	1/2 year for FY22 and full year for FY23
Reallocate LIFE to Pilot Pass	13.0	13.3	(8.4)	(8.4)	Metro portion only
<b>Potential Saving</b>			<b>\$(106)</b>	<b>\$ (114)</b>	

\*Ongoing discussions between Operations, FSI Task Force, OMB, and OCEO

#### Additional Funding Strategies

- Incremental advertising revenues from naming right and corporate sponsorship \$23.8 FY21 budget
- Discussions forthcoming with LA Unified School District to partner on funding K-12

#### Note

- Preliminary budgets include all transit operations eligible resources, including Board adopted and anticipated CRSSAA and APRA distributions.
- These options follow Board motion to maintain 7 million RSH, maintaining high quality customer experience, and no impact to SGR program.

# FSI Task Force update

Executive Management  
Committee

April 15, 2021



# FSI Update

## Purpose of the Fareless System Initiative Pilot:

To determine how Metro can provide financial relief to low income and student riders on the LA Metro system.

# FSI Update

- Motion 43.1 responses focus on pilot; long-term where applicable
  - Pilot is essential in understanding a fully fareless system
    - Scope and scale of FSI remain *unprecedented* in LA and the nation
    - Pandemic impacts on future travel patterns remain unknown
    - Pilot provides empirical assessment of forecasted assumptions
  - Pilot positions Los Angeles County for opportunity to seek federal and state funding

# 1a. Municipal Transit Agencies

*1a. How Metro is including municipal operators in the planning process, including what it would cost to fully include them and how many of their riders would qualify*

## FSI Ad Hoc Committee

- 12 meetings since last October
- Ad Hoc Committee volunteered to co-develop metrics for measuring regional pilot success

## Task Force designing quick survey for 41 operators (excluding dial-a-ride)

- Pilot participation cost and willingness to participate
- Eligible ridership information
- Survey Findings to Metro Board of Directors - May 2021



# 1b. Subsidies and Passes

*1b. All the subsidies Metro, Municipal Operators, and Cities already offer, including LIFE and U-Pass, and how those programs play a role in and inform a fareless initiative*

Pass Type	Qualifier	Cost /Discount	Participants
Low-Income (LIFE)*	\$39,450 or less/yr.	Countywide Discounts ranging from \$8-\$24/mo.	79,000
Seniors	62+ years of age	Cost is \$20/mo.	241,858
Disabled/Veteran	Proof of disability	Cost is \$20/mo.	239,075
K-12 Student	Proof of enrollment	Cost is \$24/mo. or \$1 per boarding	57,224
College/Vocational	Proof of enrollment	Cost is \$43/mo.	10,289

Pass Type	Qualifier	Cost /Discount	Participants
U-Pass	Partner School	Cost ranges from \$16-\$43/mo.*	19,653
E-Pass	Partner Business	Cost ranges from*\$34-\$80/mo.	4,826
Small Employer Pass	Partner Business (less than 250 employees)	\$34/mo. with 50% of employees participating	10,199

*FSI Task Force is seeking additional information from local and municipal operators*



# 1c. FAP, State & Federal Grants, Access Services

*1c. How fareless will impact the Formula Allocation Procedure (FAP), state and federal grants, and ACCESS Services;*

The pilot will not change existing policy or legislation

- will provide basis and opportunities to reevaluate current approaches to policies and statutes.

FFGA is revenue neutral, a dollar-for-dollar requirement

- Lost fare revenue must be replaced with guaranteed, revenue neutral funds
  - FSI is premised on the need to replace lost fare revenue funds; i.e. 'fareless' not 'free'
  - Staff will monitor all grant programs during pilot

# 1c. Access Services (cont.)

- Metro will maintain its \$1.75 base fare for non-pilot participants
  - Access Services' fare structure would remain
- Access customers ride for free on most Los Angeles County fixed-route systems
  - FY 19, Access customers took 26.6 million free fare trips on the fixed-route system.

# 1d. Customer Surveys

*1d. What Metro's customer surveys tell us about fareless and other priorities.*

- Conducted October 2020 (prior to upcoming planned increase in service)
- 46k responses
- Across all demographic groups
  - 86% of Metro riders support Metro going fareless
  - 80% of non-Metro customers support Metro going fareless

Survey respondents expressed concerns

- Impacts to the quality of service, adequate service, crowding, safety and security, cleanliness, and the presence of persons experiencing homelessness (PEH)
- Cuts to system expansion, service levels, salaries, system upkeep, security, and cleaning.

# 1e. Fare Collection

*1e. Potential cost savings and implications for what can be realized through a fareless program for all residents through elimination of TAP infrastructure, administration of pass and subsidy programs, etc.*

- TAP remains in place during pilot (no near-term savings during pilot)
- Long-term estimate of fare collection savings is \$74.4m annually
- Metro shoulders costs of TAP for Munis
- Cubic contract expires in 2024
  
- Boarding DATA: TAP boarding data-only 51% of customers use TAP
  - must also rely on combined data reporting by bus operators, field observations, APC data, & TAP
- Demographic DATA (required by FTA) – can only be captured by Ridership Survey
  - Cash boardings and TVM purchased TAP cards do not yield FTA required demographic data
  
- Potential Labor Savings
  - Metro's needs would be evaluated during the FSI pilot.

# 2a. Pilot Costs and Funding

## 2a. Funding source details, including what those funds could go to if not fareless transit

(A) Funding Need (\$ in million)	Alt FY22	Alt FY23	Notes for Alternative
Transit Service Increase*	\$ -		Board Directed 7 million RSH, by 9/2021. Projected increased FSI pilot ridership is absorbed in 7m RSH. Will monitor & report service need monthly throughout the piloting period
Communications, Data Infrastructure, and Eligibility Processing	3.6	3.0	Communications and Eligibility processing cost should increase; will monitor and report
Defeasement General Purpose Bond	80	-	Total bond expense under review
P&I Payment	-12	-12	
Fare Loss	16.3	134.4	FY22 assumes gradual return to ridership, \$73m in fares; with 60% of Low-income riders participating in FY22, and increase to 75% by FY23
<b>Funding Need Total</b>	<b>\$88</b>	<b>\$125</b>	

\*Every 1% bus service increase will require funding of \$12 to \$14 million. Will monitor closely.

# 2a. Pilot Costs and Funding (cont.)

## 2a. Funding source details, including what those funds could go to if not fareless transit

(B) Budget Prioritization Opportunities	Preliminary Budget	
	FY22	FY23
*Efficiency Savings on Bus and Rail Operating and Maintenance (O&M)	\$2,038.9	\$2,230.8
*MicroTransit Pilot Evaluation	39.6	40.7
*Assessment of SGR Cashflow Needs	452.3	462.7
*5% Agency Overhead, Adm and Support Department Cost Reduction	131.9	134.9
Continue VSIP program		
Reallocate LIFE to Pilot Pass	13	13.3
<b>Potential Saving</b>		
<i>*Ongoing discussions between Operations, FSI Task Force, OMB, and OCEO</i>		

Potential Savings		Notes
FY22	FY23	
(\$40.8)	(\$44.6)	Due to new buses and newer rail lines, there is potential to reduce bus and rail unit cost from OT, Parts and Facility cleaning contracts accounts. Recommend start with 2% reduction per year
-7.3	-7.4	Consider more gradual expansion to 9 zones until assessment of pilot
-37.6	-37	Align cashflow requirement based on actual expenditure rate of SGR, with no reduction to SGR projects
-6.6	-6.7	
-5	-10	1/2 year for FY22 and full year for FY23
-8.4	-8.4	Metro portion only
<b>(\$106)</b>	<b>(\$114)</b>	

## 2a. Pilot Costs and Funding (*cont.*)

### Student Fare Revenue

<b>FY19 K-12 Fare Revenue</b>	<b>\$27m</b>	<b>69% of total 1.4 million total K-12 Students in LA County are low-income</b>
<b>FY19 Community College Fare Revenue</b>	<b>\$4.9m</b>	<b>75% of Community College Students in LA County who ride transit are low-income (U-Pass surveys)</b>

### FSI Ridership Estimates:

- 64% of Pre-COVID Ridership in FY 22 (11 Months); 95.5% of Pre-COVID Ridership in FY 23 (12 Months)

# 2a. Pilot Costs and Funding (cont.)

## All K-12 students in Los Angeles County

<u>Original K-12 Pilot assumptions:</u> Low-income students to start in January 2022; all K-12 Students in August 2022.	Low-income K-12 students, starting January 2022	Low-income K-12 FY 23	Non-low income K-12 (August 22) FY 23	*Original Total Pilot costs of K-12
	\$5,961,600	\$17,791,650	\$7,327,238	\$31,080,488
<u>Revised K-12 Pilot Assumptions</u> all income, starting earlier: August 2021		All K-12 students, starting August 2021 (FY22)	Advancing Non-low income (July 2023 only)	*Revised Costs of moving up students to August 2021
		\$9,878,400	\$666,113	\$10,544,513
	*K-12 Student Pilot Costs (lost fare revenue)			\$41,625,000

\*Lost Fare Revenue Only; Assumes Added Service Covered in 7m RSH; Pilot may lead to revised forecasts



# 2a. Pilot Costs and Funding (cont.)

## Community College Students

<u>Original Community College Pilot assumptions:</u> Low-income students to start in January 2022	Low-income Community College students, starting January 2022	Low-income Community College students (FY 23)	Non-low income Community College students (August 22) (FY 23)	*Original Total Pilot costs for Community College students
	\$1,176,000	\$3,509,625	\$-	\$4,685,625
<u>Revised Community College Student Assumptions (all income) starting earlier: August 2021</u>		All Community College students, starting August 2021 (FY22)	Revised Community College students (FY23)	*Revised Costs of moving up students to August 2021
		\$1,698,667	\$1,169,875	\$2,868,542
	<b>*Community College Costs (lost fare revenue)</b>			<b>\$7,554,167</b>

*\*Lost Fare Revenue Only; Assumes Added Service Covered in 7m RSH; Pilot may lead to revised forecasts*

# Additional Pilot & Long-term Funding Considerations

## Additional Funding Strategies

- Incremental advertising revenues from naming right and corporate sponsorship \$23.8 FY21 budget
- Discussions forthcoming w/LA Unified School District and other school districts to partner on funding K-12 and pass distribution coordination
- Traffic Reduction Program -funds generated through a future program could be available to permanently invest in a fareless system

## Note

- Preliminary budgets include all transit operations eligible resources, including Board adopted and anticipated CRSSAA and ARPA distributions.
- These options follow Board motion to maintain 7 million RSH, maintaining high quality customer experience, and no impact to SGR program.
- Federal and State funding.
- Potential long-term costs for Access Services are being reviewed.

## 2b. Pilot Evaluations

*2b. A plan to decide how to evaluate the success of the program, including permanent funding sources and what would trigger an end to or continuation of the program*

- Evaluation plan will be developed, brought for consideration before Pilot commencement; Ad Hoc Committee volunteered to co-create metrics
- Potential performance criteria & thresholds for continuation/discontinuation of FSI
  - equity, financial viability, program participation, boarding increases, successful reassignment/repurposing of Metro staff in support of the FSI pilot, acceptable level of service and safety on system.
- FSI Pilot will generate empirical qualitative and quantitative data and understanding
  - instrumental in justifying and seeking permanent funding
- Task Force is recommending that to continue on a permanent basis Federal and State funding is essential

## 2b. Pilot Evaluations (*cont.*)

Sample Draft Pilot Performance Criteria Metrics (currently in development)

Criteria	Effectiveness	Sustainability	Efficiency	Impact
financial sustainability				
pilot program participation				
increased boarding by pilot participants				
level of service				
quality of service				
increased trip by low-income riders				
employee safety				
rider safety				
system security				
additional criteria				
additional criteria				
additional criteria				

# 2c. Service, SoGR, Customer Experience

*2c. A commitment to not cut service, state of good repair, or customer experience priorities*

- Staff recognizes quality of public transit affects people's economic and social opportunities
- Board approved 7m Revenue Service Hours standard in September 2021
- Strong staff commitment to preserve all assets in a state of good repair
  - State of Good Repair commitments
    - \$452 million in FY22
    - \$463 million in FY23
  - Better Bus Initiative commitment
    - \$208m in FY22
- FSI pilot to complement other Metro programs and initiatives
  - Vision 2028, NextGen Bus Improvement Plan, Customer Experience Plan.
  - Any necessary adjustments to service or change in the agency's priorities would require Board approval.

## 2d. Service, SoGR, Customer Experience

*2d. If a FSI pilot is approved, regular reports back to the Board on how the initiative is impacting ridership, equity, Metro's finances, and the customer experience.*

- If a FSI pilot is approved, Metro staff will provide monthly reports to the Metro Board
- Updates to include evaluation criteria status

# Fare Capping

## March Board Report, [Item 13](#)

- Fare Capping can be offered to riders *not* participating in an FSI Pilot
- \$6 to \$8 million
- System Software Upgrade (6 to 9 months)
- Fare revenue loss from capping fares is anticipated

## *Questions and Answers*