

Initial Study
Determination



FILLMORE TERRACE
(Peoples Self Help Housing)

General Plan Amendment, Specific Plan
Amendment, Zone Change, Development
Permit, Density Bonus, and Lot Merger

City of Fillmore
Planning Department
250 Central Avenue
Fillmore, CA 93015

CEQA INITIAL STUDY & MITIGATED NEGATIVE DECLARATION

City Council

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Mark Austin, Mayor Pro Tem
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Diane McCall

Planning Commission

Carrie Broggie, Chair
Jayme Laber
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City Staff

David Rowlands, City Manager
Kevin McSweeney, Planning and
Community Development Director

Consulting Assistance

Thomas E. Figg,
Consulting Services

Date of Preparation

November 4, 2020

INTRODUCTION

Legal Authority

This Initial Study has been prepared in accordance with the relevant provisions of the California Environmental Quality Act (“CEQA”) of 1970, as amended, and the implementing regulations set forth in Title 14, Chapter 3 of the California Code of Regulations (the “CEQA Guidelines”). Section 15063(c) of the CEQA Guidelines defines an Initial Study as the proper preliminary method of analyzing the potential environmental consequences of a project. The purposes of an Initial Study are:

- (1) To provide the Lead Agency with the necessary information to decide whether to prepare an Environmental Impact Report (EIR), a Mitigated Negative Declaration or Negative Declaration.
- (2) To enable the Lead Agency to modify a project, mitigating adverse impacts, thus avoiding the need to prepare an EIR; and
- (3) To provide sufficient technical analysis of the environmental effects of a project to permit a judgment based on the record as a whole, that the environmental effects of a project have been adequately mitigated.

Impact Analysis

Section 15063(d) of the CEQA Guidelines allows for a variety of means by which to identify environmental effects including use of a checklist, matrix or similar method provided that potential impacts are briefly explained along with supporting evidence. At a minimum, an initial study must contain the following: (1) description of the project including the location; (2) identification of the environmental setting; (3) identification of environmental effects; (4) ways to mitigate the significant effects identified, if any; (5) examination of whether the project would be consistent with existing zoning, plans, and other applicable land use controls; and (6) name of the person or persons who prepared or participated in the initial study.

Assessment Methodology

In accordance with Sections 15063(c) and (d)(3) of the CEQA Guidelines, the impact analysis that follows is based on the following documents: (i) the Master Environmental Impact Report that was prepared and certified in conjunction with the City’s previous approval of the Downtown Specific Plan, and amended on November 13, 2001 (the “DTSP Master EIR”); (ii) the City of Fillmore General Plan Update Final EIR that was prepared and certified in 2003, and amended in 2005 with adoption of an Update Supplement to Final EIR (the “General Plan EIR”); and (iii) Project- specific studies of Cultural Resources, Hazards, Hydrology, Photometrics, Noise, Soils and Traffic (collectively the “Technical Studies”).¹

As part of the environmental review process, the potential for significant environmental impacts was analyzed and, where appropriate, mitigation measures were identified to avoid or reduce those impacts. The Mitigation, Monitoring and Reporting Programs that were adopted in connection with the DTSP and General Plan EIRs, along the Technical Studies, were reviewed to identify the mitigation measures applicable to the Project. Project-specific mitigation measures were also added to address any new or previously unidentified impacts. Most importantly, the comparative assessment was used to determine whether or not further environmental analysis or supplemental measures may be necessary due to: (i) new significant effects not previously identified; or (ii) an increase in the severity of impacts previously studied.

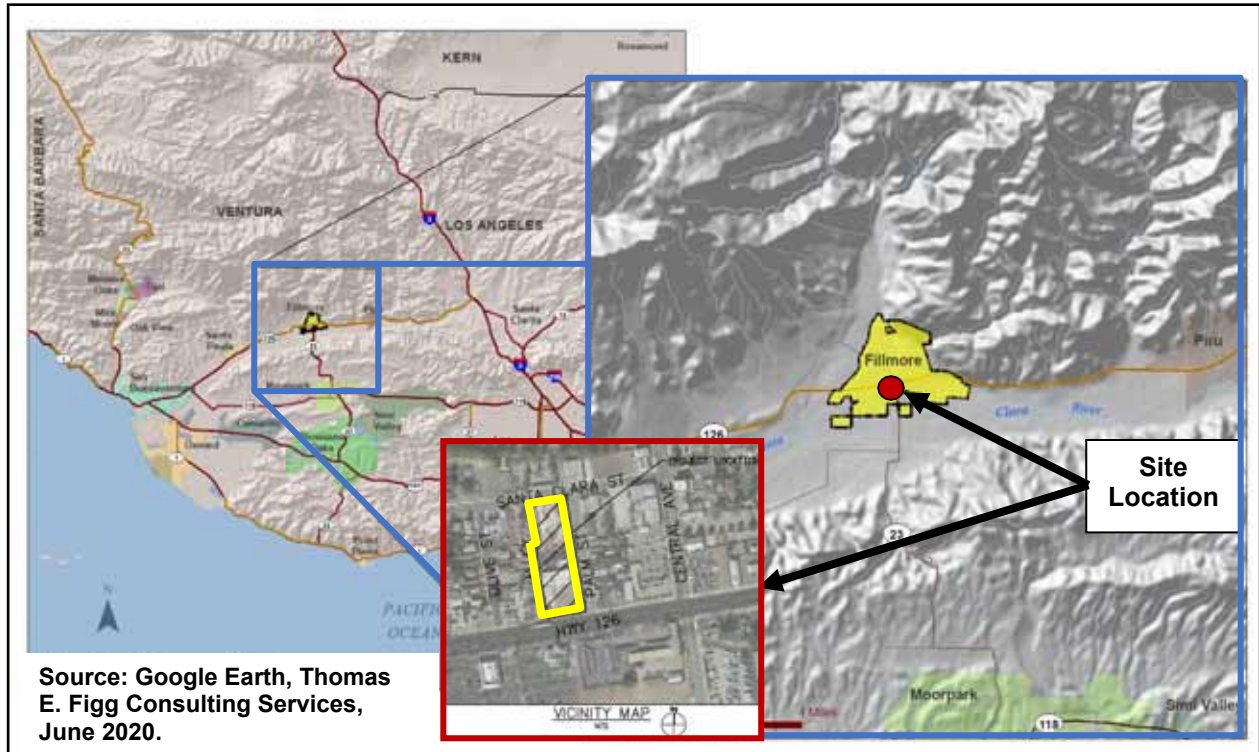
¹ Each of these documents: (i) are more fully described and listed at the end of this Initial Study; (ii) are incorporated herein by this reference and made a part hereof; and (iii) and are available for public review at the Fillmore Planning Department, 250 Central Avenue, Fillmore, CA 93015.



INITIAL STUDY

- 1. Project title:** Fillmore Terrace
General Plan Amendment, Downtown Specific Plan Amendment, Zone Change, Lot Merger, Density Bonus and Development Permit (collectively, the “Proposed Project”)
- 2. Lead agency name and address:** City of Fillmore
250 Central Avenue
Fillmore, CA 93015
- 3. Contact Person and Phone Number:** Kevin McSweeney, Planning Director, (805) 524-3701 ext. 302
- 4. Initial Study Preparer:** Thomas E. Figg, Consulting Services
- 5. Project location:** The City of Fillmore is located in the Santa Clara Valley approximately 25 miles east of the Pacific Ocean, at the confluence of the Santa Clara River and Sespe Creek. The Project site Telegraph Road (Hwy 126) and Palm-Olive Alley (the “Project Site”).

FIGURE 1: Site Location and Vicinity Map



6. Project sponsor's name and addresses:

Peoples' Self-Help Housing (PSHH)
56 E. Main Street, Suite 200
Ventura, CA 93001 (the "Applicant")

7. Project Description:

The Proposed Project consists of a 68-unit deed restricted, 100% affordable housing community, serving families and individuals of very-low and lower income earning 30% to 80% of Ventura County's Area Median. The housing units would be contained within a single building with varying rooflines and of two and three stories. The total building will provide 93,777 square feet of living space, community space, hallways and stairways, common areas, etc., and a partial subsurface parking garage with ancillary facilities totaling 49,323 square feet. As proposed, residences will be a mix of 18 one-bedroom units, 32 two-bedroom units, and 18 three-bedroom units. Associated site amenities include an educational learning center with computer room, community center, community kitchen, and outdoor learning center. To implement the Project, the following actions are required:

- **Legislative Changes:** Amending the General Plan Land Use Map, Downtown Specific Plan ("DTSP") Map and Zoning Ordinance Zoning Map to re-designate the entire Project Site from a combination of Commercial Highway and Central Business District- Transitional to a single designation of Central Business District – Transitional.

- **Lot Merger:** Consolidating 18 existing lots of record into a single parcel of 1.44 acres (Assessor Parcel Nos. 053-0-093-01, 02, 03, 04 and 16). The merged site excludes a single lot of 0.08 acres (APN 053-0-093-12) at the southeast corner of Santa Clara Avenue and Palm Street alley.

- **Density Bonus:** Granting of development concessions (allowing an increase in dwelling units beyond the maximum density specified for the CBD zone). Three concessions are requested: (i) eliminating the required private outdoor living space; (ii) reducing minimum dwelling unit size requirements, and (iii) eliminating the utility undergrounding requirement.

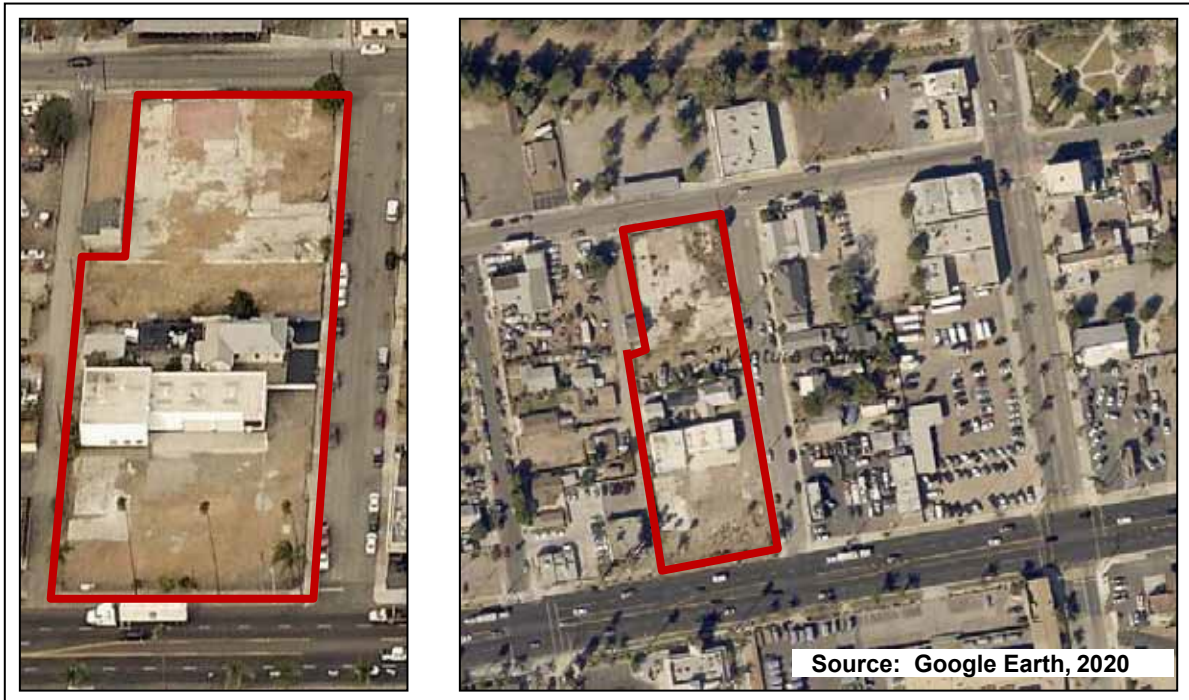
- **Development Permit:** Approving overall architectural design, site development, building construction and affordable housing production with associated conditions of approval and mitigation measures to avoid or minimize potentially significant impacts to the environment or public health, safety and welfare.

8. Environmental Setting:

As depicted in Figure 2, the Project Site is located within an urbanized area of the City. Properties within the immediate vicinity are developed with a variety of commercial, residential, and open storage uses. Similar uses and improvements once predominantly occupied the Project Site but have been gradually removed over time. Today, only a few buildings and surface remnants remain. The situational mix of urbanized uses that characterize the Project area is best described as transitional and coincides with existing land use and zoning designations that generally apply to the area north of Hwy 126 between Central Avenue and Olive Street.



FIGURE 2: Existing Development and Land Use Conditions

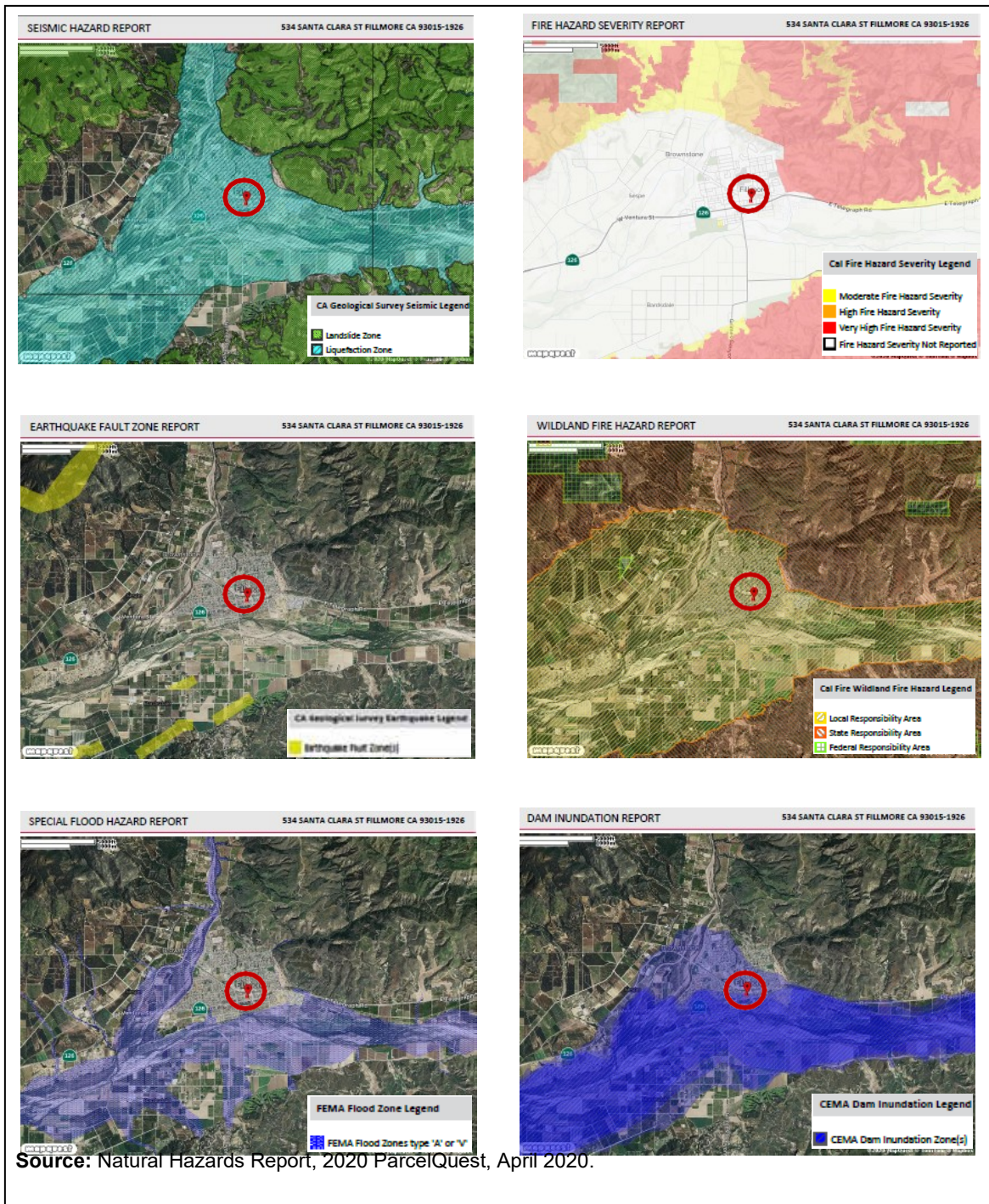


9. Environmental Analysis:

Overview. The Proposed Project was analyzed in relation to the DTSP Master EIR and General Plan Update FEIR. Project-specific Technical Studies were conducted to determine whether any previously unidentified environmental impacts would occur as a result of the Project, or if previously identified effects would be increased in significance. The resulting analysis is set forth in the paragraphs that follow, while Table 4 sets forth mitigation measures of the General Plan Update FEIR that are applicable (along with adjustments in timing and scope that are specific to circumstances and characteristics of the Proposed Project and new mitigation measures that are due to impacts of the Project not previously analyzed in the General Plan Update FEIR). An overall summary appears in the paragraphs that follow.

Natural Environment. The Project Site: (i) is not located within an area having severe flood hazard risks, high soil expansion potential or extreme landslide/mudslide exposure (*Fillmore General Plan Update FEIR, Figures 4.5, 4.6-4 and 4.6-5, April 2003*); (ii) contains no habitats for wildlife, unique, rare, or endangered plants or animals nor is exposed to fire hazards (*Fillmore General Plan Update FEIR, Land Use Element, Figure LU-7, April 2003*); (iii) is not identified as constituting or containing significant historical or cultural resources (*Fillmore General Plan Update FEIR, Section 4, Page 4.4-1, April 2003*); and (iv) is not located within a “primary viewing corridor” that could be adversely affect community design and aesthetics (*Fillmore General Plan Update FEIR, Section 4.1, Page 4.1-1, April 2003*). These findings are affirmed by more recent mapping performed by the State of California and depicted in Figure 3 below.

FIGURE 3: Natural Hazards Summary



Built Environment. As shown in Tables 1, 2 and 3 below, the Proposed Project will not exceed the anticipated build-out projections previously evaluated under the General Plan Update FEIR. The capacity of public infrastructure to accommodate additional development is based on a build-out scenario that far exceeds the demands resulting from the Proposed Project in combination with projects that have been constructed, approved or proposed since adoption of the Updated General Plan.

Land Use	Existing Development in City	Potential Development				Total Upon Buildout (Existing plus Potential)
		Potential Growth within City Limits, including approved projects	Potential Growth within Sphere of Influence	Potential Growth within Expansion Areas	Subtotal of Potential Development	
Residential	3,898 DU	1,877 DU	550 DU	435 DU	2,862 DU	6,760 DU
Commercial	3,120,000 SF	2,048,000 SF	698,000 SF	-	2,746,000 SF	5,866,000 SF
Industrial	1,207,000 SF	285,000 SF	1,681,000 SF	-	1,966,000 SF	3,173,000 SF
Parks and Recreation	15 acres	-	80 acres	-	80 acres	95 acres
Open Space *	224 acres	-	303 acres	217 acres	520 acres	744 acres
Public Schools	6 <u>5</u> schools	1 school	1 school	-	2 schools	7 <u>8</u> schools

TABLE 1: General Plan EIR Assessment of Total Buildout

Source: Fillmore General Plan Update FEIR, Project Description, Table 2-8, April 2003.

Baseline		Existing Condition		Residential Development Potential				
APN	Acres			Current Zoning		Proposed Project		Net Increase
		A Use	B Units	C Zone	D Units	E Zone	F Units	G Units
053009316	0.58	Vacant	0	CBD	29	CBD		
053009301	0.25	S. Family	1	CH	5	CBD		
053009302	0.17	Automobile	0	CH	3	CBD		
053009303	0.28	Automobile	0	CH	6	CBD		
053009304	0.14	Automobile	0	CH	3	CBD		
Total	1.42		1		46		68	22

TABLE 2: Potential Development Under the Proposed Project

Source: Fillmore Current Adopted Zoning Ordinance and General Plan Housing Element, 2020.

Note: "Maximum New Units" is calculated as: (Column F – Column B – Column B).

	Residential No. of Dwellings	Commercial Bldg. Sq.Ft.	Industrial Bldg. Sq.Ft.	Notes
General Plan FEIR Baseline				
Existing Condition	3,898	3,120,000	1,207,000	
Buildout Forecast	6,760	5,866,000	3,173,000	
2003 to 2018				
Authorized Development	662	2,100	811,850	
Completed Construction	700	38,140		
May 1, 2018 to June 30, 2020				
Completed Projects				
Hearthstone	133			a
Lopes Accessory Dwelling	1			a
Entitled Projects				
Mountain View Apartments	77			
Faith Community Church	26	3,777		
Harold Foy	18			
KB Homes	104			
Heritage Valley Phase 2				
SDI Foods		2,370		
RV Sales and Storage		16,036	13,964	
Shah Storage Building			6,000	
Library Expansion		2,100		
Proposed Projects				
North Fillmore Specific Plan	350		15,000	
Williams Homes	140			b
Santa Clara Fillmore	26			
Zahid Shah	16			
PSHH	68			
Intertex General		16,017		
Balden Apartments	226	9,000		
Grand Total				
Development Baseline				
General Plan FEIR Analysis	6,760	5,866,000	3,173,000	
2018 Existing Condition	5,260	3,160,240	2,018,850	
2018-2020 Additions	1,045	49,300	34,964	
Residual Growth Capacity	455	2,656,460	1,119,186	

TABLE 3: Cumulative Development

Sources:

- General Plan Final EIR, City of Fillmore - Community Development Department, 2003.
- Development Activity Lists 2003-2020, City of Fillmore - Community Development Department, 2020.

Notes:

a. Completed projects from May 2018 to June 2020 are included within the computation of "Authorized Development" for the period prior to May 2018 and are not double counted in the Grand Total.

b. Williams Homes is part of the North Fillmore Specific Plan and not double counted in the Grand Total.



10. CEQA Findings:

Based upon the evaluation performed in connection with this Initial Study beginning on Page 11, and with the adoption of mitigation measures set forth in Table 4, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create impacts that were not foreseen in the General Plan Update FEIR or increase the severity of those effects that were previously disclosed.

11. Evaluation Methodology:

The identification and assessment of environmental effects appearing in the Initial Study that follows (Table 5) employs the Environmental Checklist contained in Appendix G of the 2020 CEQA Guidelines and evaluates the following topical matters:

- Aesthetics
- Agricultural Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology/Soils
- Greenhouse Gas Emissions
- Hazards & Hazardous Materials
- Hydrology/Water Quality
- Land Use/Planning
- Mineral Resources
- Noise
- Population/Housing
- Public Services
- Recreation
- Transportation
- Tribal Cultural Resources
- Utilities/Service Systems
- Wildfire
- Mandatory Findings of Significance

The analysis takes into account the entire action involved, which includes off-site as well as onsite, cumulative as well as project-level, indirect as well as direct, construction as well as operational impacts, and the application of mitigation measures from the General Plan Update FEIR. Resultant impacts are categorized as follows:

- **Potentially Significant Impact:** Applies when there is substantial evidence that an effect is significant, or when an established threshold has been exceeded. If there are one or more "Potentially Significant Impact" entries when the Determination is made, an Environmental Impact Report (EIR) may be required.
- **Less Than Significant with Mitigation Incorporated:** Applies where mitigation measures that are incorporated will reduce an effect from Potentially Significant Impact to Less Than Significant Impact. Mitigation measures are prescribed to reduce the effect to a less than significant level.
- **Less Than Significant:** Applies when the project affects or will be affected by the environment, but based on cited sources, the impact will not have an adverse effect. Beneficial impacts are also included in this category.
- **No Impact:** Applies when referenced information adequately supports that the impact does not apply to projects such as the one involved. A No Impact response is explained where it is based on project-specific, as well as general, factors.



TABLE 4: Environmental Impact and Mitigation Measures

Topic	Identified Effects	Mitigation Measures	Significance After Mitigation
Aesthetics	(A <i>Photometric Plan</i> has been prepared and submitted as part of the Project application and indicates that illumination will not protrude beyond the Project Site boundaries)	As a condition of Project approval: (i) impose General Plan Update FEIR Mitigation Measures AES-2(a) [<i>Light Fixture Orientation</i>] and 2(b) [<i>Non-Reflective Building Surfaces</i>]; (ii) require independent validation (with supporting documentation) of the Photometric Plan that was submitted as part of the Project application; and (iii) require field testing and strict compliance with illumination standards specified in the City's Zoning Ordinance.	Less than significant
Agriculture	Same as General Plan Update FEIR	No mitigation is necessary.	No Impact
Air Quality	Same as General Plan Update FEIR.	<p>Impose General Plan Update FEIR Mitigation Measures AQ-3(a) to (c) [<i>Temporary Construction Impacts</i>].</p> <p>AQ-1 Construction ROC and NOx Reduction</p> <p>To minimize construction emissions in accordance with VCAPCD Guidelines, the following measures must be implemented:</p> <ul style="list-style-type: none"> • Minimize equipment idling time. • Maintain equipment engines in good condition and in proper tune as per manufacturers' specifications. • Lengthen the construction period during smog season (May through October) to minimize the • number of vehicles and equipment operating at the same time. • When feasible, use alternatively fueled construction equipment, such as compressed natural gas, liquefied natural gas, or electric. • Construction shall use Tier 3 or above construction equipment for all off-road diesel equipment that has greater than 50 horsepower. A copy of each unit's certified tier specification shall be provided at the time of mobilization of each applicable unit of equipment 	Less than significant
Biology	Same as General Plan Update FEIR.	No mitigation is necessary.	No Impact
Cultural Resources	Same as General Plan Update FEIR.	Impose General Plan Update FEIR Mitigation Measures CR-1(c) to (f) [<i>Archeology Investigation and Associated Protocols</i>].	
Energy	Same as General Plan Update FEIR	Impose General Plan Update FEIR Mitigation Measures AQ-2(g) to (h) [<i>Energy Efficiency</i>].	



Geology and Soils	(A Geotechnical Study and been prepared and submitted as part of the Project Application and indicates that potential impacts can be mitigated through soil removal/compaction, shoring and spread footing design)	Impose design recommendations from the site-specific Geotechnical Study entailing soil removal/compaction, shoring and spread footing design. Impose General Plan Update FEIR Mitigation Measures AQ-3(a) to (c) [Temporary Construction Impacts] .	Less than significant
Greenhouse Gas Emissions	Not previously addressed in the General Plan Update FEIR.	Although no additional mitigation is required, General Plan Update FEIR Mitigation Measures AQ-2(g) to (h) [Energy Efficiency] will compliment Greenhouse Gas Emission reduction objectives.	
Hazards and Hazardous Materials	Phase 1 and 2 ESA reports have been prepared for the Proposed Project. Lead and asbestos may be present within existing on-site structures; hydrocarbon soil contamination may also exist. Demolition, grubbing and disposal activities may entail removal and disposal of potentially hazardous substances.	As a condition of Project approval and prerequisite to site preparation and building construction activities: (i) require a detailed a risk assessment of existing improvements and soil conditions with remediation/removal protocols; and (ii) invoke handling, disposal and monitoring requirements specific to hazardous materials that may encountered during site development.	
Hydrology and Water Quality	A Preliminary Drainage Study indicates that Project design features will accommodate, pretreat and discharge stormwater in compliance with NPDES requirements and not exceed off-site conveyance facility capacity.	As a condition of Project approval and prerequisite to site preparation and building construction activities, require preparation of a Final Drainage Study assure adequacy of on and off-site drainage systems and evidence compliance with NPDES requirements.	
Mineral Resources	Not previously addressed in the General Plan Update FEIR.	No mitigation is necessary.	



TABLE 4: Environmental Impact and Mitigation Measures (Continued)

Topic	Identified Effects	Mitigation Measures	Significance After Mitigation
Noise	<p>A Noise Survey has been conducted for the Proposed Project; results affirm that ambient conditions exceed exposure limits for residential uses.</p>	<p>As a condition of Project approval and prerequisite to site preparation and building construction activities, require:</p> <p>(i) construction drawings be prepared and submitted to the Building Official to evidence compliance with General Plan Policies, Zoning Ordinance Requirements, and California Building Code Standards specific to interior sound attenuation; and (ii) submittal of a “Noise Reduction and Traffic Control Plan” which embodies, to the reasonable satisfaction of the Planning Director and City Engineer, necessary and appropriate features to: (a) protect general public, health and safety throughout the duration of construction in compliance with applicable laws and regulations; and (b) minimize inconvenience to adjacent owners and residents consistent with principles of quiet and peaceful enjoyment of private property.</p>	Less than significant
Population and Housing	<p>Not previously addressed in the General Plan Update FEIR.</p>	<p>For residential tenants who occupy the Property on or after the date that application has been submitted for the Proposed Project, all reasonable measures shall be taken to provide: (i) advance notice of displacement; (ii) preference for occupancy in the newly constructed dwellings; and (iii) assistance in securing replacement housing. Such measures shall be embodied in a “Replacement Housing Plan” and must be approved by the Planning Director as a condition precedent to issuance of a Zoning Clearance for commencement of site preparation and/or building construction.</p> <p>In furtherance of Policy 2.1 and Implementing Program 2.1.1.(c)(i) of the City’s current adopted Housing Element, occupancy preferences be given to persons currently residing within Fillmore insofar as reasonably possible.</p>	Less than significant
Land Use/ Planning	<p>ROW dedication, street reconfiguration and utility undergrounded to integrate the Proposed Project with the existing less intense development that occurs within the immediate vicinity.</p>	<p>Mitigation measures applicable to Land Use/Planning are covered under “Aesthetics” and “Transportation/Traffic.”</p>	Less than significant
Public Services Recreation	<p>Fire Protection: ROW dedication, street reconfiguration and utility undergrounded is needed to accommodate fire apparatus in the event of a third story fire.</p> <p>General: The General Plan Update FEIR identifies the payment of development impact fees as the means for offsetting incremental contributions to cumulative effects.</p>	<p>As a condition of project approval, prior to vertical building construction, the permittee shall relocate/ underground the overhead utility wires along the alley, Santa Clara Street, and Palm Street pursuant to Fillmore Municipal Code Ch. 5.13. Utility undergrounding plans must be provided to the City Fire Department and Community Development Department for review and approval as part of the building permit application improvements plans.</p> <p>For all Public Services including Recreation, require payment of Development Impact Fees based on cost recovery schedules in effect at the time of building permit issuance.</p>	Less than Significant



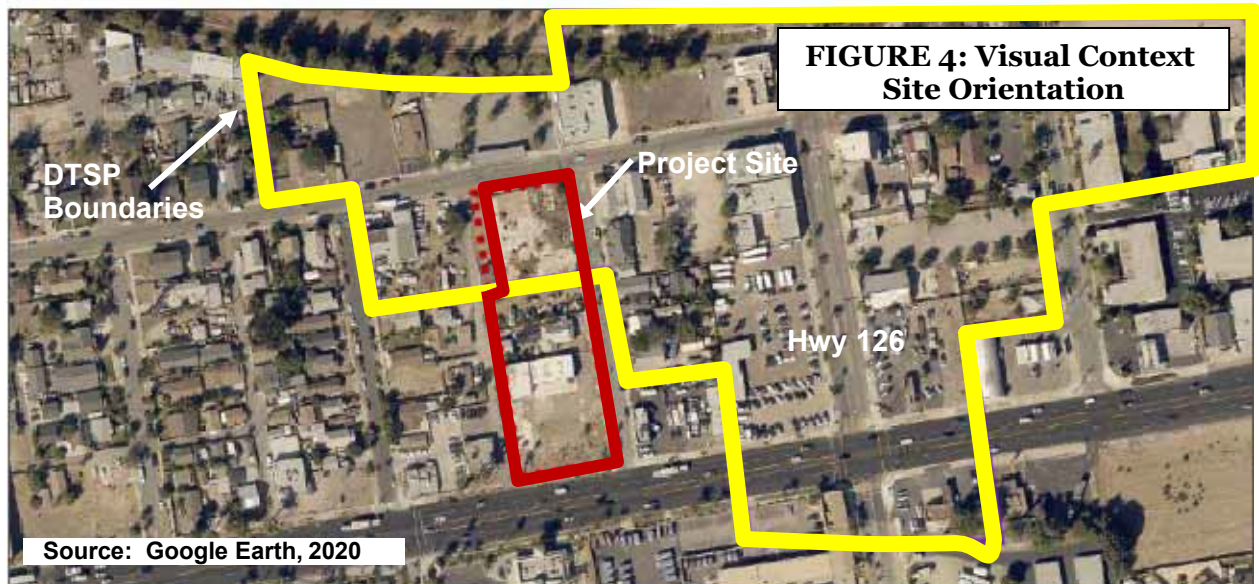
TABLE 4: Environmental Impact and Mitigation Measures (Continued)

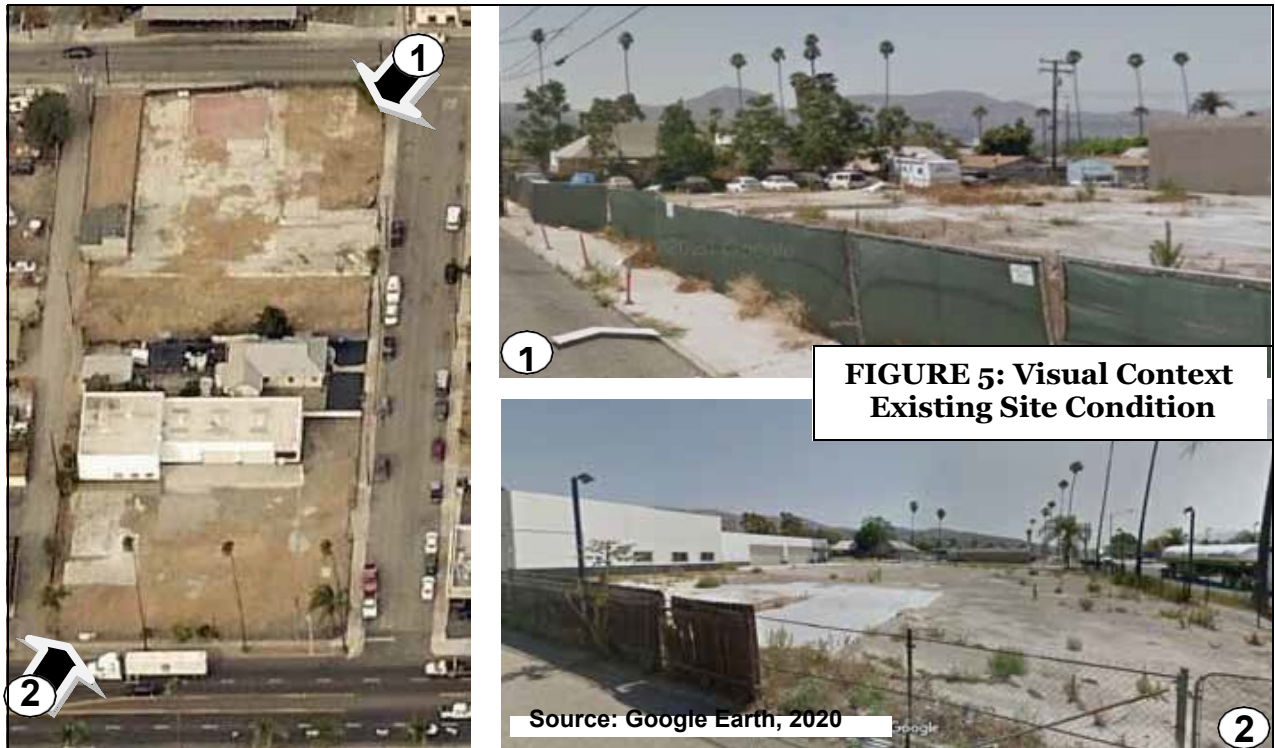
Topic	Identified Effects	Mitigation Measures	Significance After Mitigation
Transportation/ Traffic	ROW dedication, street reconfiguration and utility undergrounding are needed to address Land Use/Planning and Public Service impacts.	<p>As a condition of Project approval, and prerequisite to commencing site preparation and building construction activities, require construction drawings and off-site improvement plans be prepared and submitted to the City Engineer and Fire Chief that: (i) evidence ROW dedication, street reconfiguration and utility undergrounding in conformance with Fillmore Municipal Code requirements and City design specifications; and (ii) incorporate traffic safety measures detailed in the Traffic Report authored by Linscott, Law & Greenspan, Engineers (LLG) dated October 15, 2020 (pages 12 and 13).</p> <p>As a condition of Project approval, and prerequisite to granting final building inspection clearance and Project occupancy, require that all off-site transportation/traffic improvements be fully installed and made functional in accordance with the plans approved by the City Engineer and Fire Chief..</p>	Less than significant
Tribal Cultural Resources	Not previously addressed in the General Plan Update FEIR.	Mitigation measures applicable to Tribal Cultural Resources are covered under "Cultural Resources."	Less than significant
Utilities	Same as General Plan Update FEIR.	Require payment of Development Impact Fees based on cost recovery schedules in effect at the time of building permit issuance.	Less than Significant
Wildfire	Not previously addressed in the General Plan Update FEIR.	No mitigation is necessary.	No Impact
Mandatory Findings of Significance	All required mitigation shall be: (i) embodied in a Mitigation, Monitoring and Reporting Program ("MMRP") in compliance with CEQA Guidelines; and (ii) adopted by the decision-making body as a condition of entitlement approval and issuance of required permits.		

**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
I. AESTHETICS – Would the Project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

a-b) The Proposed Project is situated within a substantially developed area of the City along a stretch of Hwy 126 that has urban development on both sides of the highway. The Project is not located within a “primary viewing corridor” that, if developed, could obstruct, obscure or otherwise adversely impact scenic vistas or resources (*Fillmore General Plan Update FEIR, Section 4.1, Page 4.1-1, April 2003*).





c (1) Project Scale. As depicted in Figures 4, 5 and 6, the Project Site and its immediate surrounds exhibit an assortment of urbanized uses at varying scales of lot coverage, building configuration and development intensity. In summary: (i) the area’s overall character is best described as eclectic with a predominance of single-story construction and non-descript architectural character; and (ii) the Proposed Project would entail a more intensive use (dwelling unit density) and development scale (lot coverage and building height) than what currently exists both on the site and within the immediate vicinity. The most dramatic changes would involve building size, bulk and height compared to what characterizes the area at present. Figure 7 illustrates this contrast by superimposing the existing neighborhood fronting Palm Street immediately east of the Project Site with the building elevation of the Proposed Project fronting the opposite side of the Street.



FIGURE 7: Streetscape Comparisons



Sources: Google Earth and Preliminary Development Plans.

Notes:

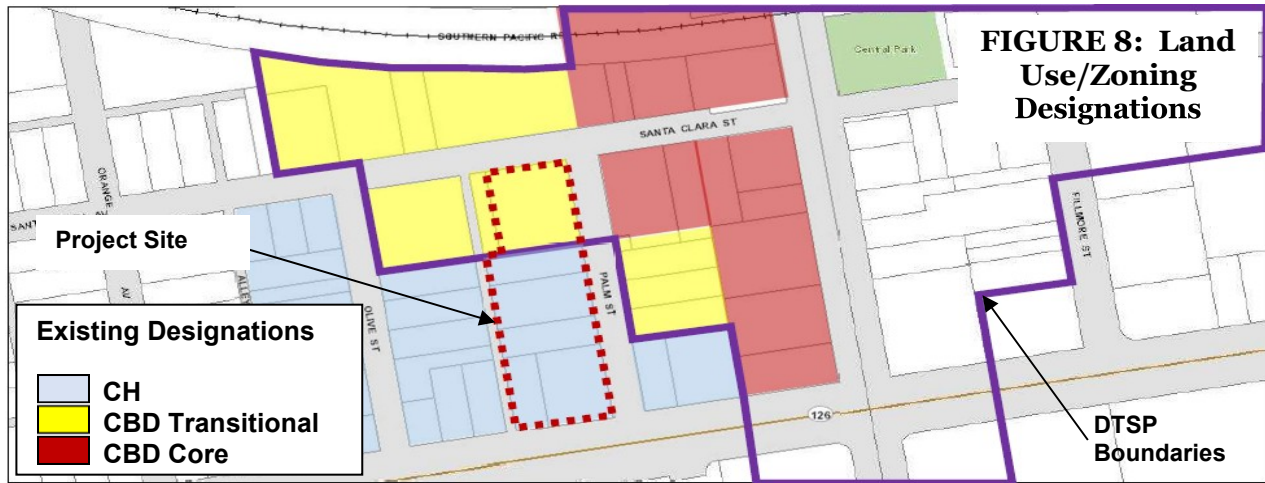
A – Existing Conditions (West Facing Side of Palm Street)

B – Proposed Building Elevation (East Facing Side of Palm Street)

C – Superimposed Illustration of Existing and Proposed Palm Street Visualization (For Comparative Purposes Only; Not to Exact Scale).

TABLE 6: Design-Development Parameters

DEVELOPMENT STANDARDS	Current Zoning (See Figure 8)		Fillmore Terrace		
	CH Commercial Highway	CBD Transitional	Proposed Project	Comparative Differences	After zone change from CH to CBD
Lot Area (Min. Sq. Ft.)	20,000	7,000	61,365	Compliant with Both CH and CBD	Compliant
Lot Coverage (Max. %)	50%	100%	77.4%	Mixed Compliance	Compliant
Structure Height (Max. Ft.)	35	48	38	Mixed Compliance	Compliant
Dwelling Density (DU/Acre)	20	50	47	Mixed Compliance	Compliant
No. of Stories (Max. No.)	2	3	3	Mixed Compliance (With Affordable Housing)	Compliant
Lot Frontage (Feet)	100	50	125	Compliant with Both CH and CBD	Compliant
Front Setback (Min. Ft.)	10	0	10	Compliant with Both CH and CBD	Compliant
Rear Setback (Min. Ft.)	20	0	13	Mixed Compliance	Compliant
Side Setback (Min. Ft.)	10	0	5	Mixed Compliance	Compliant



c (2) Design Features. The DTSP outlines the goals, policies, and guidelines for development within the CBD Transitional Area. Chapter 4.B. requires architectural design to be compatible with surrounding neighborhoods with strong adherence to traditional residential scale, details, and materials. The Proposed Project (at the time of “Initial Submittal”) embodied a neo-classical/art deco motif. Neither of these styles conform to themes prescribed for transitional areas with DTSP Area: House, Mixed-Use Village and Townhouse. Consequently, the Proposed Project has undergone several iterations of redesign during the application completeness and design review process, resulting in a final motif that embodies each of the three preferred architectural styles and façade treatments promoted under the Downtown Specific Plan: Craftsmen, Victorian, Queen Anne and Shingle Style. The progression of changes and integration of preferred styling appear in Figure 9 below. The final design of the Project incorporates is consistent with the architectural design and character required under the DTSP.

The Fillmore Municipal Code requires the undergrounding of the existing overhead utility lines and support poles that adjoin the Project Site. Removal of the overhead lines and poles would result in a beneficial impact of the project as it would remove an unsightly existing condition.

d) The Project site has a relatively minimal amount of existing light sources, which is limited to light emanating from the on-site single-family residence. The Project will redevelop the property with three story structure add additional sources of light from exterior lighting on the building for security, decorative features, and for lighted pathways and entrances. Interior light will also emanate from windows of the building. This will increase the amount if light from the property. There are existing single-story residential units directly to the east and west of the Project Site. There will be an increase in light and glare experienced by the neighboring residents from the Project lighting. To minimize adverse impacts from added lights, General Plan EIR Mitigation Measure AES-1 requires lighting fixtures to be design shield and direct light downward, and use of non-glare fixtures. General Plan FEIR Mitigation Measure MN-1 requires that a photometric plan be provided. While a preliminary Photometric Plan has been provided by the Project Applicant, further documentation is required to conclusively determine that the Project meets the mitigation requirement for no light spillage onto adjacent properties and is considered potentially significant. Mitigation Measure MN-1 requires that the Photometric Plan and compliance with City standards be independently validated as a condition prerequisite to building permit issuance. With incorporation of Mitigation Measures. And with the imposition of standard requirements governing fixture positioning, downward shielding and operational limitations prescribed in the 2003 General Plan FEIR, the potential impacts of the Proposed Project would be reduced to less than significant.



FIGURE 9 – DESIGN INTERACTIONS

Initial Design



Interim Revision



Final Design



Finding: At present, physical attributes of the Proposed Project are only partially compliant with current existing development standards (Table 6). These potential inconsistencies result from bifurcated land use and zoning designations that apply to the Project Site at present (Figure 8). Although these regulatory inconsistencies could be resolved through the Project's requested General Plan amendment and Zone change to the CBD Transitional land use designation over the portion of the Project Site currently designated Commercial Highway, applicable policies under the DTSP that apply to the CBD designation require that: "building mass and organization...be compatible with the adjacent and nearby neighborhoods...incorporating strong reference to, traditional residential scale, detail and materials." The CBD Transitional designation allows for residential uses, three story structures, and reduced setbacks. Building and site improvements of the Proposed Project are greater in mass and scale than the immediately surrounding properties which consist of single-story residential homes, commercial buildings, and a public service building (Senior Center). Design of the Proposed Project has integrated a number of features to minimize it's impacts relative to the neighborhood character. These features include building increments, varying roof lines between two and three stories, an open second floor area along Palm Street, articulation of the perimeter walls, surrounding planters, and complimentary architectural details.

With incorporation of these design features, along with the proposed change in zoning from CH to the CBD Transitional land use designation, the Project will be consistent with the development standards for the CBD zone and the DTSP design guidelines and impacts would be less than significant. For light and glare, the potential aesthetic impacts would be potentially significant, but reduced to less than significant with mitigation incorporated.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
II. AGRICULTURE – Would the Project:				
a) Convert Prime Farmland, Unique Farmland, Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

a-e) At present, there are is no land with an agricultural land use or zoning designation currently within the incorporated limits of Fillmore. According to information furnished by the County of Ventura there are no properties with the City (including the site of the Proposed Project) that are encumbered under a Williamson Act Contract, nor are there forest or timberlands within the incorporated area of Fillmore. (Source: (http://www.ventura.org/rma/planning/pdf/programs/lca/LCA_web.pdf).

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create agricultural impacts that were not identified in the General Plan Update FEIR or increase the severity of those effects that were previously disclosed.

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create agricultural impacts that were not identified in the General Plan Update FEIR or increase the severity of those effects that were previously disclosed.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
III. AIR QUALITY -- Would the Project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a,b,c) Fillmore is located within the South Central Coast Air Basin, which is within the jurisdiction of the Ventura County Air Pollution Control District (APCD). According to APCD Guidelines, a project that does not conform to the applicable general plan may be inconsistent with the Air Quality Management Plan. Although the Proposed Project entails land use changes to the General Plan and Zoning Ordinance, the resulting development will not exceed build-out projections under the General Plan Update FEIR. It is further noted that the Proposed Project falls below thresholds prescribed in Ventura County Air Quality Assessment Guidelines for Low-Rise Apartments in the Year 2020: 331 Dwelling Units. Since the Project is below this screening threshold, it is not expected to exceed ROC or NOx emission thresholds and modeling of the potential air emissions is not warranted. No conflicts with implementation of an air quality plan will occur. Therefore, potential impacts of the Project will be less than significant.

d,e) Construction of the Proposed Project may expose surrounding land uses to airborne particulates and fugitive dust, as well as pollutants associated with the use of diesel-powered construction equipment. However, these emissions are considered temporary and are not subject to VCAPCD's threshold of 25 pound per day of ROC and NOx. VCAPCD still recommends implementation of mitigation to ensure construction emissions are reduced to below the 25 pounds per day threshold. The General Plan FIER includes Mitigation Measure AQ-3(c) for ozone precursor reductions, which is required for this Project. In addition, the following measure with current VCAPCD standards is also required:

AQ-1 Construction ROC and NOx Reduction

To minimize construction emissions in accordance with VCAPCD Guidelines, the following measures must be implemented:

- Minimize equipment idling time.
- Maintain equipment engines in good condition and in proper tune as per manufacturers'



- specifications.
- Lengthen the construction period during smog season (May through October) to minimize the
- number of vehicles and equipment operating at the same time.
- When feasible, use alternatively fueled construction equipment, such as compressed natural gas, liquefied natural gas, or electric.
- Construction shall use Tier 3 or above construction equipment for all off-road diesel equipment that has greater than 50 horsepower. A copy of each unit's certified tier specification shall be provided at the time of mobilization of each applicable unit of equipment

Potential fugitive dust emissions could cause a significant impact to surrounding residents if it causes injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which may endanger the comfort, repose, health, or safety of any such person or the public. Fugitive dust control measures are required by VCAPCD Rule 55. These potentially short-term temporary impacts were previously identified in the General Plan Update FEIR and associated mitigation measures AQ-3(a) Dust Control Measures, and AQ-3(b) Fugitive Dust Control are required to reduce potential impacts to less than significant.

The project's operational emissions by emission source (area, energy, and mobile) would not exceed VCAPCD regional thresholds for ROC or NOX. Therefore, potential impacts from the project's operational criteria pollutant emissions would be less than significant.

Finding: Construction air emissions impacts are considered potentially significant and mitigation from the General Plan FEIR and project specific mitigation is required to reduce impacts to less than significant.

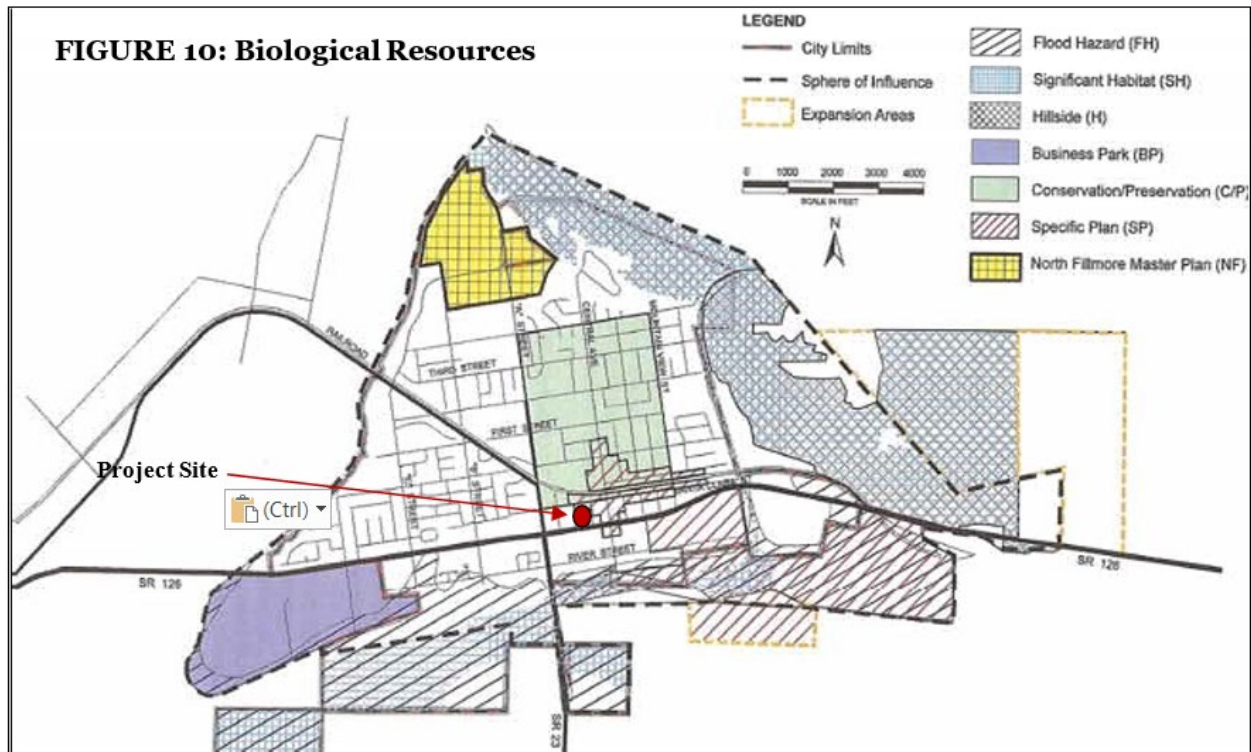


**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES -- Would the Project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) <u>Have</u> a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

a-f) The Proposed Project is: (i) located in an area surrounded by urban development; (ii) includes the reuse of partially developed property; (iii) no biologically sensitive features are known to be associated with the site (Source: "General Plan Update, Land Use Element – Figure LU-7," City of Fillmore, April 2003 [Figure 10 below]); and (iv) no portion of the City located within the urban/municipal limits of Fillmore is subject to an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved conservation plan.





Source: "General Plan Update, Land Use Element- Figure LU-7," City of Fillmore, April 2003

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create biological impacts.

**TABLE 5:
Initial Study Evaluation**

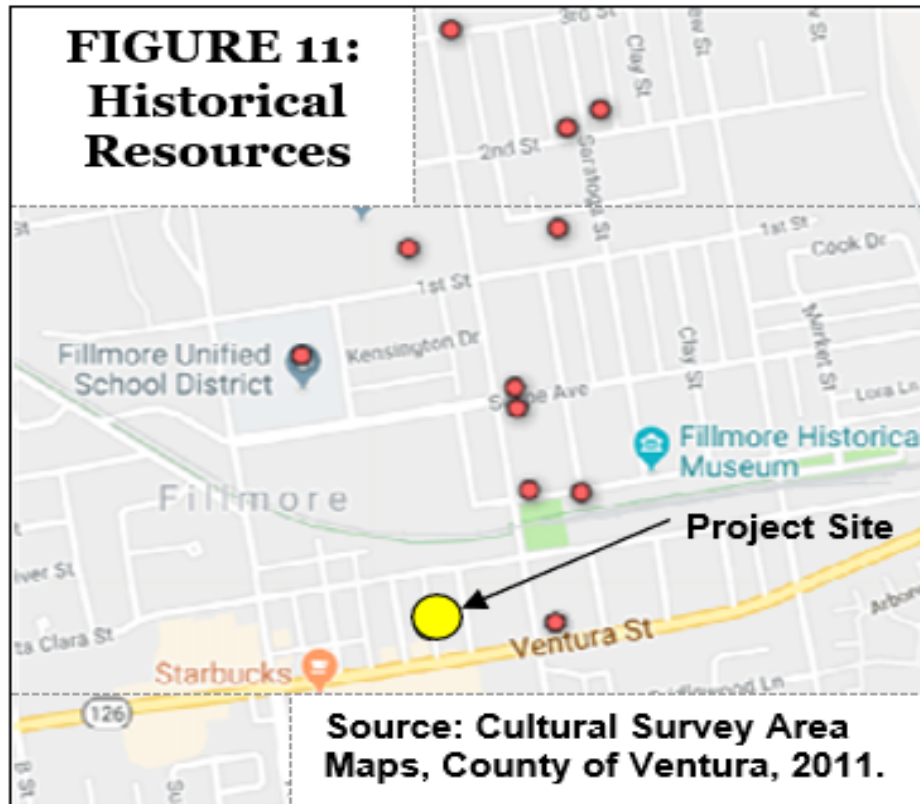
	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
V. CULTURAL RESOURCES -- Would the Project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource as defined in §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a) The following sources have been reviewed to determine whether the Project Site is known to possess historic resources of particular significance: (i) Cultural Heritage Survey for Fillmore, County of Ventura, 1983; (ii) Cultural Survey Area Maps, County of Ventura, 2011; (iii) Inventory of California State Historical Landmarks, State of California, 2018; (iv) Ventura County Historical Landmarks and Points of Interest, Ventura County Cultural Heritage Board, 2016; and (v) Fillmore				



General Plan Update Final EIR, City of Fillmore, April 2003. Although the Project Site is located within an area where other properties in the vicinity have been identified for their historic significance, the subject property is not among those (Figure 11).

- b-d)** A Phase I Cultural Resources Assessment was conducted for the Project by Wayne Bischoff, Ph.D of Envicom Corporation to identify any known cultural resources previously recorded within or immediately adjacent to the proposed Project Site, to provide cultural resource context for the Project from the examination of the study area, and to assess the overall cultural resource sensitivity of the Project region. Also, notification inviting consultation pursuant to Assembly Bill 52 was provided to the Native American Heritage Commission and consultation was conducted with Jairo F. Avila, M.A., RPA. Tribal Historic and Cultural Preservation Officer of the Fernandeño Tataviam Band of Mission Indians.

The Project Site is located within an urbanized area of the City and has been developed with a variety of uses and improvements over an extended period of time. Today, only a few buildings and surface remnants remain. Taking into account the site's urban infill location and history of previous site disturbance, it is unlikely that artifacts of historical/archeological significance (not otherwise anticipated under the General Plan Update FEIR) will be encountered. Envicom does not recommend further cultural resource assessments should take place for the Project. However, Envicom does recommend that contingency regulations be put in place to be followed in the case that unexpected prehistoric, older historic, fossil, or human remains are found during project grading. Under these circumstances, the General Plan Update FEIR allows for waiver of further Phase 1 archeological assessment provided that Phase 2 and 3 protocols are invoked in the event that significant artifacts are unearthed during construction. This mitigation is restated in Table 4.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
VI. ENERGY-- Would the Project:				
a) Cause a substantial increase in demand, especially during peak periods, upon existing sources?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in a requirement for the development or extension of new sources of energy?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a-b) In its latest report on energy consumption, the California Energy Commission shows that State consumers used approximately 285,488 GWh of electricity in 2018 (CEC 2019; Table 7 below). Of this total, 68% was produced by sources within California while the balance was procured from suppliers outside of the State. In short, the State consumes more energy than it generates, but the shortfall is satisfied through a variety of out-of-state producers through a complex and interconnected network commonly referred to as the “grid.” The incremental increase in energy consumption attributable to the Proposed Project is insignificant compared to overall Statewide usage; nonetheless, the cumulative addition of consumer demand placed on the nationwide energy “grid” can lead to disruptions in the delivery system and need for future expansions.

Finding: Based upon the above, there is no substantial evidence that development resulting from development of the Proposed Project will foreseeably acerbate energy consumption beyond that were not previously identified in the General Plan Update FEIR or increase the severity of those effects. With the imposition of mitigation measures listed in Table 4, cumulative impacts will be minimized to a level of less than significant.



**TABLE 7:
California Energy Supply/Demand**

Fuel Type	California In-State Generation (GWh)	Percent of California In-State Generation	Northwest Imports (GWh)	Southwest Imports (GWh)	California Energy Mix (GWh)	California Power Mix
Coal	294	0.15%	399	8,740	9,433	3.30%
Large Hydro	22,096	11.34%	7,418	985	30,499	10.68%
Natural Gas	90,691	46.54%	49	8,904	99,644	34.91%
Nuclear	18,268	9.38%	0	7,573	25,841	9.05%
Oil	35	0.02%	0	0	35	0.01%
Other (Petroleum Coke/Waste Heat)	430	0.22%	0	9	439	0.15%
Renewables	63,028	32.35%	14,074	12,400	89,502	31.36%
<i>Biomass</i>	<i>5,909</i>	<i>3.03%</i>	<i>772</i>	<i>26</i>	<i>6,707</i>	<i>2.35%</i>
<i>Geothermal</i>	<i>11,528</i>	<i>5.92%</i>	<i>171</i>	<i>1,269</i>	<i>12,968</i>	<i>4.54%</i>
<i>Small Hydro</i>	<i>4,248</i>	<i>2.18%</i>	<i>334</i>	<i>1</i>	<i>4,583</i>	<i>1.61%</i>
<i>Solar</i>	<i>27,265</i>	<i>13.99%</i>	<i>174</i>	<i>5,094</i>	<i>32,533</i>	<i>11.40%</i>
<i>Wind</i>	<i>14,078</i>	<i>7.23%</i>	<i>12,623</i>	<i>6,010</i>	<i>32,711</i>	<i>11.46%</i>



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
VII. GEOLOGY and SOILS – Would the Project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable as a result of the Project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in -B of the Uniform Building Code, creating substantial risks to life or property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

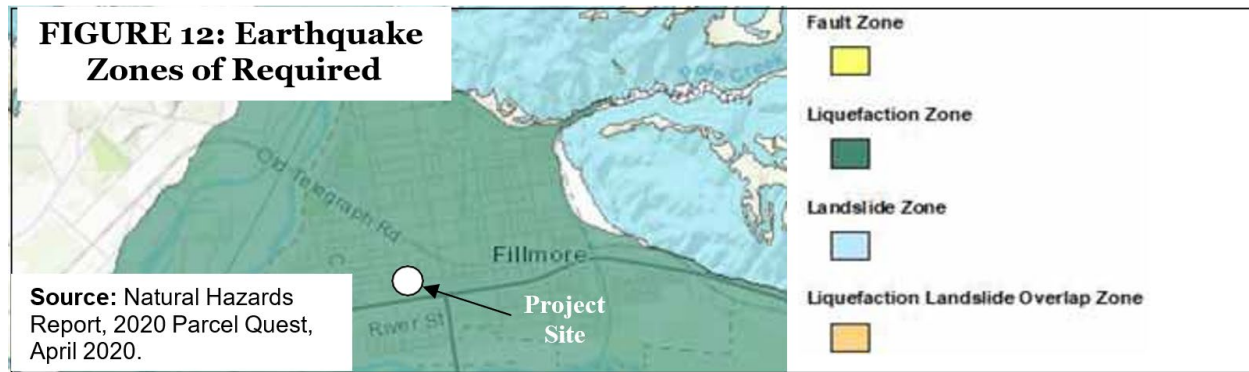
a,c,d) The Project Site is not located within a fault zone but is subject to moderate soil expansion potential. (Source: “General Plan Update FEIR, Figures 4.6-3 and 4.6.4,” City of Fillmore, April 2003; Earthquake Zones of Required Investigation, California Department of Conservation, 2020 [Figure 12 below]). A Geotechnical Study has been performed for the Proposed Project and indicates (with implementation of specific site preparation and foundation design measures) that the Project Site can be made suitable for the scope of development contemplated (Geotechnical Study, Advanced Geotechnical Services, December 20, 2018). Principal recommendations include the removal and re-compaction of upper soils, shoring for excavation and construction of subterranean parking, and shallow spread footings throughout newly placed compacted fill. With the application of these design measures, coupled with general mitigation identified in the General Plan Update FEIR, potential impacts would be reduced to less than significant.



b) The site of the Proposed Project is located on relatively flat terrain and grading will be confined to previously disturbed areas of the site. Nonetheless, all surface disturbances may result in the erosion of soils from wind and water. These impacts would be mitigated through the application of Air Quality measures listed in the General Plan Update FEIR and specified in Table 4. These measures include construction protocols specific to controlling fugitive dust emissions through regular watering, temporary seeding, application of dust suppressants and cessation of work during high wind events.

e) The Proposed Project would be served by the City of Fillmore wastewater treatment system. Septic systems or other alternative wastewater treatment systems would not be used.

Finding: Based upon the above, there is no substantial evidence that development resulting from of the Proposed Project will foreseeably create impacts the that were not previously identified in the General Plan Update FEIR or increase the severity of those effects.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS - Would the Project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a) Unlike emissions of criteria and toxic air pollutants, which have local or regional impacts, emissions of greenhouse gases (GHGs) that contribute to global climate change have a broader global impact. Global climate change is a process whereby GHGs accumulating in the atmosphere contribute to an increase in the temperature of the earth's atmosphere. The principal GHGs contributing to global climate change are carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), and fluorinated compounds. These gases allow visible and ultraviolet light from the sun to pass through the atmosphere, but they prevent heat from escaping back out into space. The largest source of greenhouse gas emissions from human activities in the United States is from fossil fuel combustion for electricity, heat, and transportation. Specifically, the Inventory of U.S. Greenhouse Gasses and Sinks (U.S. Environmental Protection Agency, 2013) states that the primary sources of greenhouse gas emissions in 2013 included electricity production (31%), transportation (27%), industry (21%), commercial and residential (12%), and agriculture (9%). (Source: Energy and Climate Action Plan,



County of Santa Barbara, May 2015).

GHG emissions is a relatively new issue recognized under CEQA dating back to 2007 with legislative enactment of SB97. This was followed with adoption of amendments to the CEQA Guidelines which became effective on March 18, 2010. Consequently, the General Plan FEIR (certified in 2003) did not assess GHG emissions as a separate impact category due to its certification prior to the advent of GHG becoming an environmental issue. A complicating factor is the lack of environmental thresholds by which to determine the significant effects of a particular project in regard to its individual and cumulative contributions to GHG emissions. Neither the City of Fillmore nor Ventura County Air Pollution Control District (“VCAPCD”) have established such thresholds, nor does CEQA compel public agencies to do so. Yet the absence of an adopted threshold does not relieve agencies from the obligation to determine if a project has the potential to cause a adverse environmental impact (Source: Greenhouse Gas Thresholds of Significance Options for Land Use Development Projects in Ventura County, VCAPCD, November 8, 2011).

The closest agency with adopted GHG thresholds is the Santa Barbara County Air Pollution Control District (“SBCAPCD”). On April 30, 2015 the Santa Barbara County Air District adopted an AB 32 Consistency threshold for stationary sources that require a Permit to Operate from the District. Under the SBCAPCD threshold, a proposed stationary source project would not have a significant GHG impact if operation of the project emits less than 10,000 metric tons per year of Carbon Dioxide equivalent (CO₂e). By comparison, the San Luis Obispo Air Pollution Control District employs a far lower standard of 1,150 metric tons CO₂e/year. This variance underscores the problematic nature of evaluating environmental impacts of GHG and the relative significance of project-specific emissions.

Those considerations aside, GHG emissions from the Proposed Project are estimated utilizing the CoolCalifornia.org Carbon Footprint Model (affiliated with the California Air Resources Control Board; <https://coolcalifornia.arb.ca.gov/calculator-households-individuals>). The results of that modeling appear in Table 8 and indicate that the Proposed Project falls well below the environmental threshold of SBAPCD, while at the same time exceeding the SLOAPCD standard by a sizeable margin. When these thresholds are aggregated, the result is a combined average limit of 5,575 mt/yr of CO₂e compared to 2,628 generated by the Proposed Project. As a result, it is concluded that GHG emissions from the Proposed Project would result in a less than significant impact and no mitigation is necessary beyond that which is already required for Traffic and Air Quality under the General Plan Update FEIR.

Table 8: GHG Emissions	Project Data	Project Total	Comparative Significance Thresholds			
			SBAPCD		SLOAPCD	
			Threshold	Over/(Under)	Threshold	Over/(Under)
Total No. of Dwellings/Households	68					
Average Household Size	3.58					
Average Household Income	\$62,495					
Annual Utility Cost (Per Dwelling)	\$315					
Living Space Per Dwelling (sq.ft.)	961					
Total (Metric Tons/Year of CO ₂ e)		4,216	10,000	(5,784)	1,150	+3,066

Sources:

1. Project Data (Households and Living Space): Preliminary Development Plans, Lauterbach & Associates, December 18, 2019.
2. Project Data (Household Size, Household Income, and Utility Costs): California Department of Finance, California Department of Housing and Community Development and Area Housing Authority of Ventura County, July 2020; Project Description, Peoples' Self-Help Housing, September 2019.
3. Project (CO₂e) Emissions: CoolCalifornia.org Carbon Footprint Model (affiliated with the California Air Resources Control Board), July 2020.
4. Significance Thresholds: Central Coast Air Pollution Control Districts – CEQA Guidelines/Impact Thresholds, Santa Barbara and San Luis Obispo Counties, July 2020.



b) As discussed under “**AIR QUALITY**,” Fillmore falls within the jurisdiction of the Ventura County Air Pollution Control District (APCD), and for the reasons noted in subparagraphs a) b) and c), the Proposed Project is compliant with the Air Quality Management Plan and falls below thresholds prescribed in Ventura County Air Quality Assessment Guidelines for Low-Rise Apartments in the Year 2020: 331 Dwelling Units. Outside of these APCD benchmarks, there is no plan, policy, or regulation known to either apply or conflict with the Proposed Project. Although no mitigation is necessary beyond that which is already required for Traffic and Air Quality under the General Plan Update FEIR, conditions of Project approval will impose General Plan Update FEIR Mitigation Measures AQ-2(g) to (h) and AQ-3(a) to (c) [Energy Efficiency and Temporary Construction Impacts] to compliment Greenhouse Gas Emission reduction objectives.

Finding: Based upon the above, there is no substantial evidence that development of the Proposed Project will foreseeably create or significantly add to GHG emissions. Although no additional mitigation is required, it is recommended that conditions of Project approval impose General Plan Update FEIR Mitigation Measures AQ-2(g) to (h) [Energy Efficiency] to compliment Greenhouse Gas Emission reduction objectives.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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VIII. HAZARDS and HAZARDOUS MATERIALS – Would the Project:

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within ¼ mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located on a site which is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project result in a safety hazard for people residing or working in the Project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the Project result in a safety hazard for people residing or working in the Project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

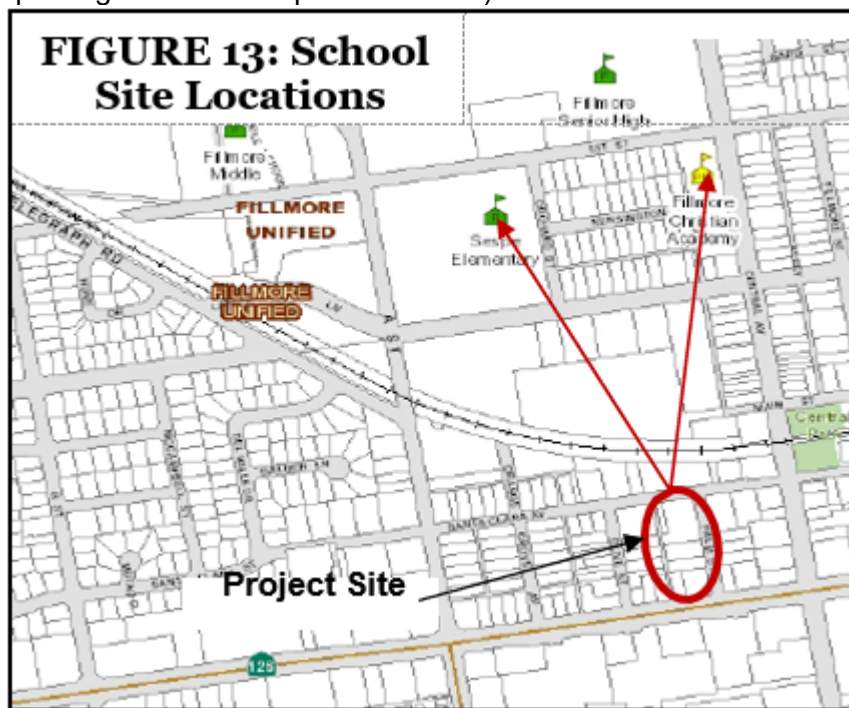
a) The Proposed Project would not entail routine transport, use or disposal of hazardous materials, or result in any hazardous emissions. Products that may be toxic in nature are those which are commonly found in residential dwellings (e.g., cleaning fluids, electronic devices, paint and solvents, etc.). The use and disposal of such products are regulated by local and state law. Additionally, small quantities of hazardous materials such as construction equipment fuels, lubricants, hydraulic fluid and solvents may be present during the construction of the Project Site. The storage and handling of these materials will be managed and enforced by all applicable state and federal agencies.

b) A single-family dwelling and several commercial/industrial structures (with an unoccupied second story accessory dwelling) occupy portions of the Project Site and will be removed as part of the site preparation process. Due to age and condition, it is possible that these artifacts may contain



hazardous materials (e.g., lead and asbestos) and their removal from the site may expose workers and adjacent residents to potentially hazardous conditions (Phase 1 and 2 Environmental Site Assessments [“ESA”], Rincon Consultants, Inc., November 13, 2017, and December 2, 2019). The ESAs also indicate the possibility of soil contamination (lead and hydrocarbons) resulting from prior automobile and service station uses. As such, the ESAs recommend the following measures: (i) performance of a building material and lead-based paint survey to determine the need and extent for remediation; (ii) construction of a vapor beneath any slab on grade occupiable structures developed upon the Project Site; and (iii) preparation of a soil management plan to guide proper handling and disposing of hazardous materials.

c,d) The closest schools to the Project Site are Sespe Elementary School and Fillmore Christian Academy, which are each located approximately 0.3 miles to the northwest (Figure 13). As this school is over ¼ mile away, and the Project Site does not involve hazardous emissions or handling of hazardous materials, the Proposed Project would have no impact. A review of the current “Cortese List” published by the State of California also shows that there are no active hazardous waste or substance sites within the incorporated limits of Fillmore. (<http://www.calepa.ca.gov/SiteCleanup/CorteseList/>).



e-g) Fillmore is located approximately 9.5 miles northeast of the nearest airport - Santa Paula Airport and is not in an airport land use plan (<http://www.goventura.org/sites/default/files/2000-airport-land-use-for-ventura-county.pdf>). As such, development of the Proposed Project would not result in a safety hazard related to public or private airports, nor any emergency evacuation procedures previously identified in the General Plan Update FEIR be impaired.

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create hazardous conditions that were not previously identified in the General Plan Update FEIR or increase the severity of those effects. With the imposition of mitigation measures listed in Table 4, impacts attributable to site-specific hazards and hazardous materials will be reduced to a level of less than significant.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
X. <u>HYDROLOGY AND WATER QUALITY</u> – Would the Project:				
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or <u>other</u> flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| i) Expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| j) Inundation by seiche, tsunami, or mudflow? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

a-f) A Preliminary Drainage and Best Management Practices Report has been prepared for the Proposed Project (Drainage Study, Delane Engineering, February 2019). In summary, development of the Project Site will entail new drainage structures, localized on-site storm drain systems, and biofiltration in compliance with NPDES requirements. As shown in the preliminary grading plans, storm water drainage will be routed via gutters and swales to drainage inlets and underground pipe facilities and ultimately be discharged the public streets. Proposed drainage control facilities will improve stormwater water quality by treating approximately 95% of the site area runoff prior to off-site discharge. The remaining 5% of the stormwater will be treated and discharged by means of perimeter landscaping. According to the Drainage Study, the use of filter inserts, underground detention and bio filtration, in addition to proprietary products employing screening technology to remove gross pollutants, allows the project to meet required standards. To validate these findings, clarifying mitigation has been embodied in Table 4, requiring preparation of a Final Drainage Study (with supporting hydrologic and NPDES calculations) for review and approval of the City Engineer as a condition precedent to issuance of building permits.

g-j) The Project Site is a flat parcel of land and is not located within the immediate vicinity of any streams, creeks, rivers or other bodies of water. The subject Property is located on FEMA Flood Insurance Rate Map (FIRM) Community Panel FM06111C0643E, dated January 20, 2010, in Zone X which has a low flood exposure (i.e., 0.2% annual chance of flooding with a depth not exceeding 12 inches). To further ensure avoidance of potential impacts, General Plan Update FEIR Mitigation Measures F-1(b) and F-1(c) [Flooding and Drainage] will be imposed as conditions of Project approval.

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create hydrology or water quality impacts that were not previously identified in the General Plan Update FEIR or increase the severity of those effects. With the imposition of mitigation measures listed in Table 4, impacts to hydrology and water quality will be reduced to a level of less than significant.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
XI. LAND USE AND PLANNING - Would the Project:				
a) Physically divide an established <u>community</u> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with an applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

a,b) The Proposed Project entails a change in land use and zoning designation from a combination of Commercial Highway and Central Business District-Transitional to a single designation of Central Business District – Transitional. As depicted in Figure 8, properties within the immediately vicinity of the Project Site embody a mixture of land use and zoning designations; characteristic of an area in transition and consistent with the type and intensity of development promoted under the City’s General Plan for the Project area.

The Proposed Project would add residential uses adjacent to Highway 126. The existing Commercial Highway land use designation is intended to allow for uses that would be accessible to motorists and serve the region and community with commercial opportunities. The area immediately east of the Project Site on Palm Street is developed with existing single-story single-family homes. However, these properties are also designated as Commercial Highway, as is also the case for properties to the west of the Project Site and along Highway 126 immediately to the south. The proposed change in land use designation to Central Business District with the construction of high-density apartments at three stories, residential traffic, and pedestrian activities would result in a change in the character of the immediate area. However, these new characteristics are consistent with the character anticipated under the Downtown Specific Plan for the CBD zone. The Downtown Specific Plan provides for a pedestrian oriented use that contribute to the downtown street scene.

To further integrate the Proposed Project with the existing less intense development that occurs within the immediate vicinity, the following additional measures are included in Table 4: (i) the undergrounding of overhead utilities appurtenant to the Project Site (under the authority of Fillmore Ordinance 19-924 and as mitigation for fire safety as discussed under “**PUBLIC SERVICES**”); (ii) right-of way dedication as discussed under “**TRANSPORTATION/ TRAFFIC**”; and (iii) street improvements along Santa Clara Street (pursuant to the Fillmore General Plan design standards for Commercial/Industrial Streets, Page C-9; illustrated in Figures 14A and 14B below). With the incorporation of these design changes, coupled with pedestrian measures discussed under “**PUBLIC SERVICES.**” the proposed reclassification would not divide an established community or introduce a change inconsistent with long term community goals.

- c) No portion of the incorporated limits of Fillmore is subject to an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved conservation plan.



Finding: Based upon the above, there is substantial evidence that land use and zoning changes resulting from the Proposed Project could aggravate impacts that were previously identified in the General Plan Update FEIR or conflict with relevant long term goals applicable to the area within which the Project Site is located. With the imposition of mitigation measures listed in Table 4, impacts affecting land use and planning will be reduced to a level of less than

Figure 14A – Santa Clara Street Improvements

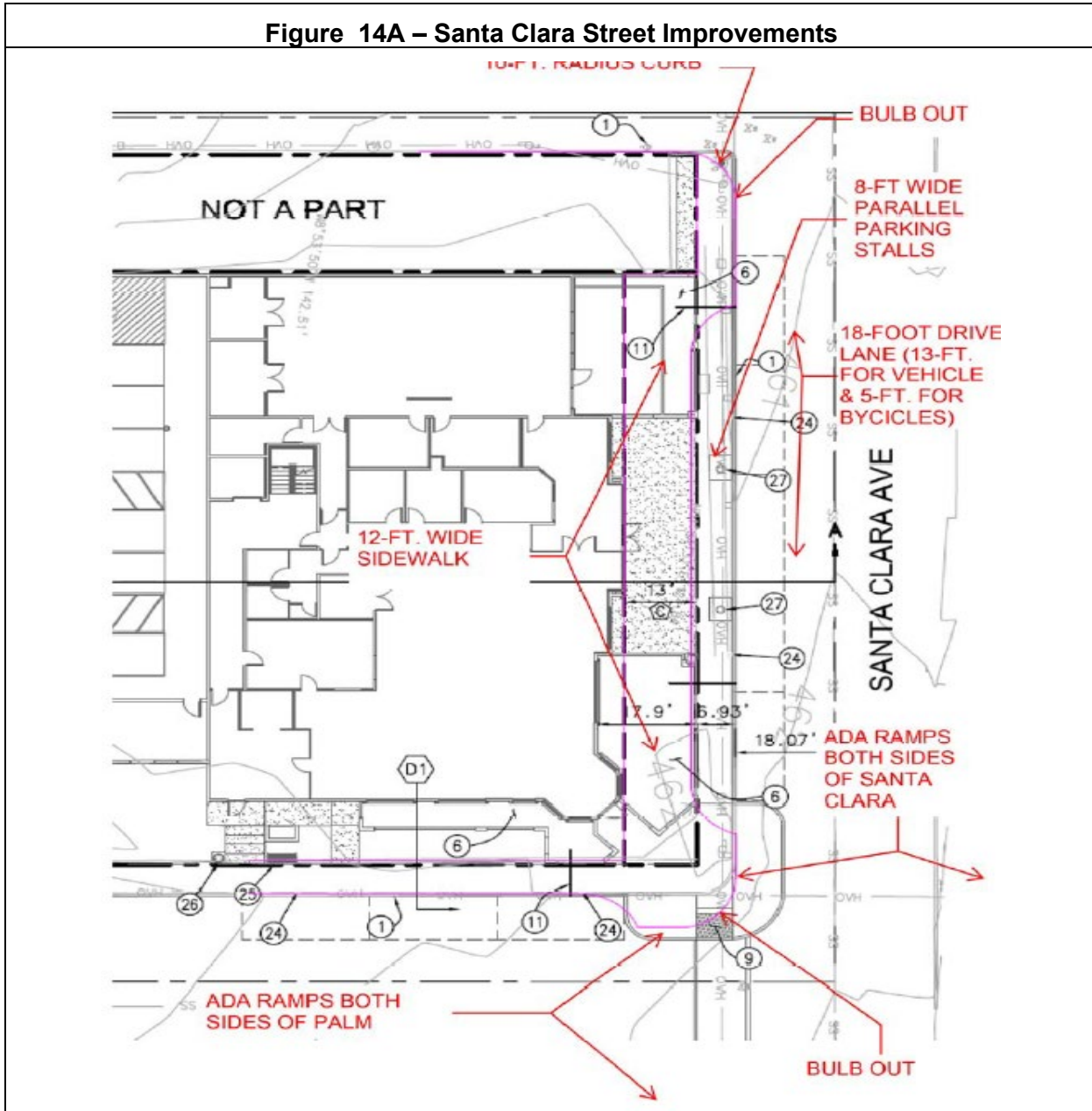
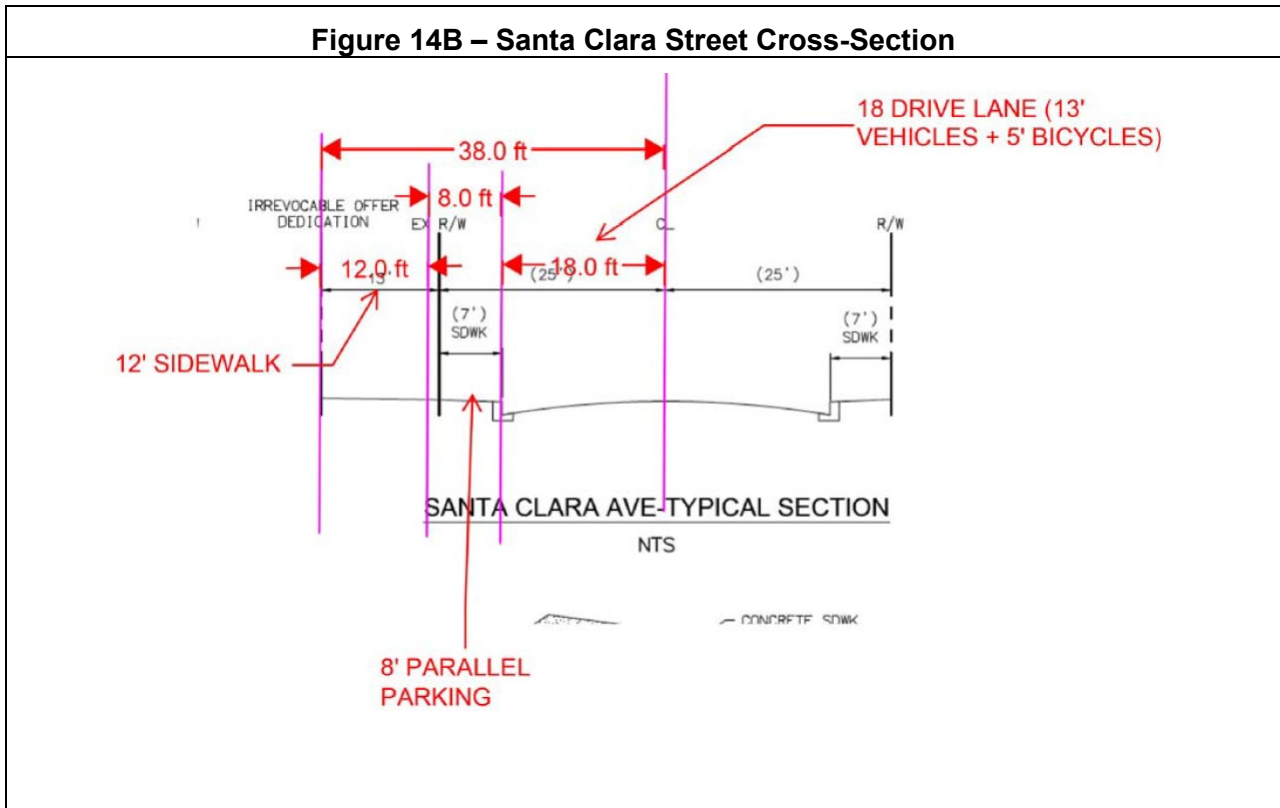


Figure 14B – Santa Clara Street Cross-Section



Finding: Based upon the above, there is substantial evidence that land use and zoning changes resulting from the Proposed Project could aggravate impacts that were previously identified in the General Plan Update FEIR or conflict with relevant long term goals applicable to the area within which the Project Site is located. With the imposition of mitigation measures listed in Table 4, impacts affecting land use and planning will be reduced to a level of less than significant.

**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
XII. MINERAL RESOURCES -- Would the Project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

a,b) Based on Figure 1b in the Ventura County General Plan, no portion of the City of Fillmore is located within a Mineral Resource Area as defined by the California Division of Mines and Geology (Source: "Comprehensive General Plan," County of Ventura, 2011). In addition, no portion of the City is underlain by known oil resources (Source: "General Plan Hazards Appendix, Figure 1.4.7," County of Ventura, 2011).

Finding: There is no substantial evidence that the Proposed Project will foreseeably create mineral resource impacts.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
XIII. NOISE – Would the Project:				
a) Expose persons to or generate noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Expose persons to or generate excessive ground-borne vibration or ground-borne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in a substantial permanent increase in ambient noise levels above levels existing without the Project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in a substantial temporary or periodic increase in ambient noise levels in the Project vicinity above levels existing without the Project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Be contained within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, which would expose people residing or working in the Project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Expose people residing or working in the Project area to excessive noise generated by a nearby private airstrip?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

a-c) As shown in Figure V-3 of the Fillmore General Plan Noise Element, the site of the Proposed Project is located within a 60 to 70 dBA noise corridor. This level of exposure exceeds the City’s standard of 50 dBA and 45 dBA during the hours of 7 p.m. to 10 p.m. and between 10 p.m. to 7 a.m., respectively. Given this initial finding, a Noise Survey was performed as part of the application process (Source: Noise Survey, MD Acoustics, February 5, 2019; the “Noise Survey”). Using standard noise monitoring protocols, the Noise Survey affirmed the General Plan findings as to exterior noise exposure attributable to vehicular traffic. The CNEL at the southern portion of the project site measured 69.1 dBA CNEL. When comparing this level to the City’s Noise Compatibility Matrix the Proposed Project falls within the “55 to 70 dBA CNEL Conditionally Acceptable” level. According Figure V-1 from the General Plan Noise Element and associated policies, a detailed analysis with site-specific noise reduction measures must be embodied in construction plans for review and approval by the City’s Building Official as a condition precedent to issuance of building permits. This requirement is embodied as a mitigation measure in Table 4 and includes compliance with interior noise standards through specifications in wall design and windows.

d) Temporary short-term noise impacts attributable to Project construction are addressed through the application of Fillmore Municipal Code Section 6.04.1805(14)(E)(4). As a complimentary mitigation measure in consideration of the Project’s scale and proximity of residential uses, Table



4 embodies the following requirement: “A Noise Reduction and Traffic Control Plan” shall be prepared and submitted to the Planning Director and City Engineer for review and approval as a condition precedent to issuance of grading and building permits. The Plan shall embody, to the reasonable satisfaction of the City, necessary and appropriate features to: (i) protect general public, health and safety throughout the duration of construction in compliance with applicable laws and regulations; and (ii) minimize inconvenience to adjacent owners and residents consistent with principals of quiet and peaceful enjoyment of private property.”

e-f) The site of the Proposed Project is not located within two miles of a public airport or a private airstrip or within an airport land use plan (Source: Airport Comprehensive Land Use Plan for Ventura County, Final Report, July 7, 2000, Ventura County Airport Land Use Commission; <http://www.goventura.org/sites/default/files/2000-airport-land-use-for-ventura-county.pdf>).

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create noise impacts that were not identified in the General Plan Update FEIR or increase the severity of those effects that were analyzed. With the imposition of mitigation measures listed in Table 4, noise impacts will be reduced to a level of less than significant.

TABLE 5: Initial Study Evaluation	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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XIV. POPULATION AND HOUSING — Would the Project:

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a) The Proposed Project entails the construction of 68 apartments. Under the City’s current adopted Housing Element, the City has an unmet need for 694 new dwelling units (192 for persons and families of low income). Evidence is not available to ascertain whether the Proposed Project will satisfy unmet needs of existing Fillmore residents that are unable to find affordable housing. As such, the Proposed Project may result in drawing in populations from outside the City. To minimize the potential impact resulting from population migration from outside the City, Table 4 embodies a condition requiring, insofar as reasonably possible, that occupancy preferences be given to persons currently residing within Fillmore. This mitigation measure is fully consistent with Policy 2.1 and Implementing Program 2.1.1.(c)(i) of the City’s current adopted Housing Element.

Occupancy preferences aside, the Project’s 68 units would result in an estimated overall increase of 244 persons (i.e., an overall average of 3.58 persons per household as reported by U.S. Census and data from the California Department of Finance). As shown in Tables 1, 2 and 3, the Proposed Project



will not exceed the anticipated build-out projections previously evaluated under the General Plan Update FEIR. The capacity of public infrastructure to accommodate additional development is based on a build-out scenario that far exceeds the demands resulting from the Proposed Project in combination with projects that have been constructed or approved since adoption of the Updated General Plan.

b,c) A single-family dwelling and several commercial/industrial structures (with an unoccupied second-story accessory dwelling) occupy portions of the Project Site and will be removed as part of the development process. The removal of two existing dwellings compared to 68 newly constructed affordable apartments would not constitute substantial displacement. This conclusion notwithstanding, supplemental mitigation measures have been added to Table 4 to further reduce impacts to a level of insignificance.

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create population or housing impacts that were not identified in the General Plan Update FEIR or increase the severity of those effects that were analyzed. With the imposition of mitigation measures listed in Table 4, population and housing impacts will be reduced to a level of less than significant.

**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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XV. PUBLIC SERVICES - Would the Project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
i) Fire protection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii) Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv) Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
v) Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a)(i) Streets which abut the Project Site consist of Santa Clara Avenue (on the north), Palm Street (on the east), Hwy 126 (on the south) and a public alley (on the west). At present, dedicated right-of-way consists of 50 feet along Santa Clara Avenue and Palm Street, 100 feet along Hwy 126, and 15 feet long the alley (Ventura County Assessor Parcel Maps, 2020). As discussed under **“TRANSPORTATION/TRAFFIC”** (and in compliance with Fillmore General Plan design standards for Commercial/Industrial Streets, Page C-9) street right-of-way dedication requirements are



required to accommodate planned street improvements for and future traffic along the surrounding roadways. The Project includes a 13-foot right-of-way dedication on Highway 126 for future widening. Also, as part of the Project, the public alley right-of-way width will be increased by 5 feet and will be restricted to one-way northbound traffic only. The Project is required to provide a will a 13-foot right-of-way dedication, as well as street improvements to widen the street providing adequate travel lane width, street parking, and a sufficient turning radius on Santa Clara Street. These improvements will allow Fire Ladders trucks to turn the corner at Santa Clara Street and Palm Street.

In the event of an emergency, Fire Department access to the Proposed Project building will occur primarily on Palm Street and Santa Clara Street. The Fire Department determined that the existing overhead utility wires immediately adjacent to the Proposed Project perimeter could impede roof access and fire fighting as the lines could obstruct boom or ladder extensions from the truck to the roof. In addition, energized electrical lines pose a potential electrocution risk to fire-fighters on fire fighting apparatus. According to Fire Department officials, the removal and undergrounding of overhead utility lines that abut the perimeter of the Project Site under the authority of Fillmore Ordinance No. 19-924, together with a reconfiguration of right-of-way with associated street improvements as shown Figures 14A and 14B, are all necessary to accommodate the staging of fire vehicles and associated apparatus in the event of a major fire event involving three-story construction. The street improvements are incorporated as part of the Project design features as required under the Fillmore General Plan Circulation Element. Overhead utility line undergrounding is not included with the Proposed Project as and such is a potentially significant impact for fire protection. As such, Mitigation Measure PS-1 is required to reduce the potential fire protection impact to less than significant.

PS-1: Prior to vertical building construction, the permittee shall relocate the overhead utility wires along the alley, Santa Clara Street, and Palm Street. Utility undergrounding plans must be provided to the City Fire Department and Community Development Department for review and approval as part of the building permit application improvements plans.

a)(i) through a)(v) As discussed under “**LAND USE AND PLANNING**,” development of the Proposed Project will not exceed the build-out projections previously evaluated under the under the General Plan Update FEIR. While physical attributes of the Proposed Project may not exceed development thresholds, impacts of incremental and cumulative population growth are intended to be offset through the payment of development impact fees and collection of recurring property taxes. The Proposed Project (by virtue of the Applicant’s non-profit status and use of State Tax Credits), the City would not receive property tax revenues to contribute toward general governmental services (e.g., public safety, recreation programming, etc.). However, the Project is required to comply with the General Plan policies, and with payment of impact fees, potential impacts to police protection, schools, parks, and other public facilities is considered less than significant. In the absence of such guidance, and with the imposition of mitigation measures identified under the General Plan Update FEIR, impacts of the Proposed Project (for purposes of this Initial Study) are deemed to be less than significant.

TABLE 5: Initial Study Evaluation	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact



XVI. RECREATION - Would the Project:

- a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?
- b) Include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

a,b) The impacts of incremental and cumulative population growth on public facilities are intended to be offset through the payment of fees and taxes. In the specific instance of the Proposed Project, the demand placed on public facilities and consequent need for new or expanded recreation facilities will be compensated through the payment of development impact fees. These demands are further offset by the provision of onsite facilities including: (i) courtyard space used for resident amenities including children play areas, gathering spaces and outdoor game area; and (ii) indoor educational learning facilities (including computer room), community center and communal kitchen area. Impacts attributed to recurring cost of recreation programming and facility operations are addressed under “**PUBLIC SERVICES.**”

Finding: Incremental impacts to recreation attributable to the Proposed Project are offset by the payment of development impact fees which address long term cumulative effects anticipated under the General Plan Update FEIR. With the imposition of mitigation measures listed in Table 4, recreation impacts will be reduced to a level of less than significant.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
XVII. TRANSPORTATION/TRAFFIC - Would the Project:				
a) Conflict with an applicable plan, ordinance or policy establishing a measure of effectiveness for the performance of the circulation system, taking into account all modes of transportation, including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways, and freeways, pedestrian and bicycle paths, and mass transit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible use (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Conflict with adopted policies, plans, or programs regarding public transit, bikeways, or pedestrian facilities, or otherwise substantially decrease the performance or safety of such facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a) As a matter of General Plan policy (Circulation Element Policy #7 and DTSP Traffic Mitigation Measure 3), a site-specific traffic study has been performed for the Proposed Project (Linscott, Law & Greenspan, October 12, 2020; hereinafter referred to as the "Traffic Report"). In summary, the Traffic Report concludes that the Proposed Project will result in 63 fewer daily trip ends over a typical 24-hour weekday period compared to what is possible under existing land use designations and development policies specific to the Project Site (the "Development Baseline"). During peak travel periods, only 13 additional vehicle trips are expected during more the morning and one fewer trips during the afternoon compared to the development baseline. As such, the Traffic Report concludes that no further intersection analysis is required insofar as the change in Development Baseline inconsequential.



- b) Effective July 1, 2020, State Legislation (enacted under SB 743) shifted the evaluation of traffic impacts from a traditional level of service (“LOS”) methodology to one which focuses on Vehicle Miles Traveled (“VMT”). Implementing guidelines issued through the California Office of Planning and Research establish “screening criteria” to determine the depth of VMT analysis required. Taking into account the proximity of transit facilities, coupled with the size and type of development proposed, the Traffic Report concludes: (i) a quantitative VMT assessment is not required; and (ii) the Proposed Project is “presumptively” deemed to have a less than significant impact. It is further noted that a "Reciprocal Traffic Mitigation Agreement" (February 1993) has been executed between the City and the County of Ventura under which a pro-rata share development impact fees will be paid to offset jurisdictional transportation impacts.
- c) As previously noted, the City of Fillmore is located approximately 9.5 miles northeast of the nearest airport, and as such, the Proposed Project would not result in a safety hazard related to public or private airports or flight patterns.
- d-f) The Traffic Report includes a detailed assessment of vehicle access, loading activities and pedestrian circulation. This analysis was performed based on: (i) design and performance standards established under City’s General Plan Circulation Element and Ventura County Regional Trails & Pathways Program; (ii) street right-of-way dedication requirements specific to Hwy 126, Santa Clara Street and westerly alley (5 feet, 14 feet and 13 feet, respectively); (iii) reconfiguration of right-of-way with associated street improvements as shown Figures 14A and 14B; and (iv) the undergrounding of overhead utility lines along Santa Clara Street to provide necessary ariel clearance in the event of a third-story fire. Within these parameters, the Traffic Report recommends the following additional mitigation measures (incorporated into Table 4):
- Limit the SR-126/alley intersection to entry only, preferably via westbound right-turns only, to avoid potential queuing on eastbound SR-126.
 - Install a stop bar/limit line and stop sign facing exiting (northbound) alley motorists, just south of the Santa Clara Street intersection and sidewalk.
 - Install “DO NOT ENTER” sign facing motorists on Santa Clara Street just south of the Santa Clara Street intersection and sidewalk.
 - Install a stop bar/limit line and stop sign facing exiting (eastbound) driveway motorists, just west of the Palm Street intersection and sidewalk.
 - Install 25 feet of red curb (“No Parking) along the south side of Santa Clara Street, both east and west of the alley, to enhance exiting (northbound) alley motorist’s line of sight of on-coming traffic.
 - Install right-turn only signage and pavement legend (right-turn only arrow), a stop bar/limit line and stop sign facing exiting alley driveway motorists to enforce the alley conversion to one-way northbound only travel.

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create population or housing impacts that were not identified in the General Plan Update FEIR or increase the severity of those effects that were analyzed. With the imposition of mitigation measures listed in Table 4, transportation/traffic impacts will be reduced to a level of less than significant.



**TABLE 5:
Initial Study Evaluation**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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XVIII. TRIBAL CULTURAL RESOURCES — Would the Project:

a) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in the Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

- 1) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or
- 2) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.?

a) The Proposed Project entails changes in underlying land use and zoning, and as such, California Government Code Section 65352.3 requires consultation with California Native American tribes for the purpose of preserving or mitigating impacts to places, features, and objects described in Sections 5097.9 and 5097.993 of the Public Resources Code. The required consultation was conducted by the City, and at the request of the Fernandeano Tataviam Band of Mission Indians (FTBMI; September 17, 2020), a full Phase 1 site assessment was performed by Envicom Corporation during the month of September 2020. The results affirm the Cultural Resource findings discussed in Table 5, Section V above, and no further mitigation is recommended beyond what has already been identified.

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create impacts to Tribal Cultural Resources that were not previously identified in the General Plan Update FEIR or increase the severity of those effects as discussed in “**CULTURAL RESOURCES**” above. With the imposition of mitigation measures listed in Table 4, impacts to cultural and Native American resources will be reduced to a level of less than significant.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
XIX. UTILITIES — Would the Project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Have sufficient water supplies available to serve the Project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Be served by a landfill with sufficient permitted capacity to accommodate the Project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a) The protection of water quality in the region falls within the jurisdiction of the Los Angeles Regional Water Quality Control Board (RWQCB) and related authorities under Federal and State Clean Water Acts (CWA). Since 2009, the Fillmore Water Recycling Plant has provided zero- discharge wastewater treatment to the City. The plant was updated for the purpose of meeting treatment requirements of RWQCB standards and to accommodate the City's project wastewater flows through 2028, with an eventual capacity of 2.4 million gallons per day (AECOM, 2013). Incremental contributions to overall wastewater treatment attributable to the Proposed Project fall well within the remaining development capacity of the General Plan Update FEIR.

b,d,e,f) As discussed throughout this Initial Study, and as displayed in Tables 1, 2 and 3, the Proposed Project falls far below the magnitude of development and associated impacts evaluated under the General Plan Update FEIR. Although the Proposed Project will result in a net increase in utility consumption and waste generation, the incremental demand will not require expansion of existing infrastructure.



c) Contributions to cumulative off-site surface water discharges were previously addressed as part of the General Plan Update FEIR. Associated mitigation prescribed in the DTSP Master EIR and General Plan Update FEIR will be applied to mitigate incremental impacts associated with the Proposed Project. As noted under “HYDROLOGY AND WATER QUALITY,” a Preliminary Drainage Study and been prepared for the Proposed Project and indicates that no significant impacts will result. A complimentary mitigation measure has been added requiring a Final Drainage Report as a condition precedent to issuance of building permits to conclusively evidence that: (i) the City’s storm drain system (with associated design measures) is able to accommodate projected surface water volumes; and (ii) the biofiltration system will accomplish NPDES objectives.

g) Fillmore’s waste disposal service is provided by Harrison Industries. Solid waste from the City is routed to Gold Coast Recycling & Transfer Station in Ventura, whereupon disposal waste is transported to the Toland Road Landfill (Harrison, 2013; Gold Coast, 2013). This landfill is a fully permitted non-hazardous solid waste disposal facility that receives municipal, construction-related, agricultural, and industrial material as well as biosolids. The Toland Road Landfill has a permitted capacity of 1,500 tons/day and had an average intake of 919.8 tons/day in 2011 (CalRecycle, 2013). As displayed in Tables 1, 2 and 3, the Proposed Project will not exceed the build-out projections previously evaluated under the General Plan Update FEIR. In summary, solid waste landfills are adequate to serve the Proposed Project.

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably create utility impacts that were not previously identified in the General Plan Update FEIR or increase the severity of resultant effects. Incremental impacts to utilities attributable to the Proposed Project are offset by the payment of development impact fees required as a matter of General Plan policy and Municipal Code regulation. No further mitigation is necessary to reduce foreseeable impacts to a level of less than significant.

**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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XX. WILDFIRE — Would the Project:

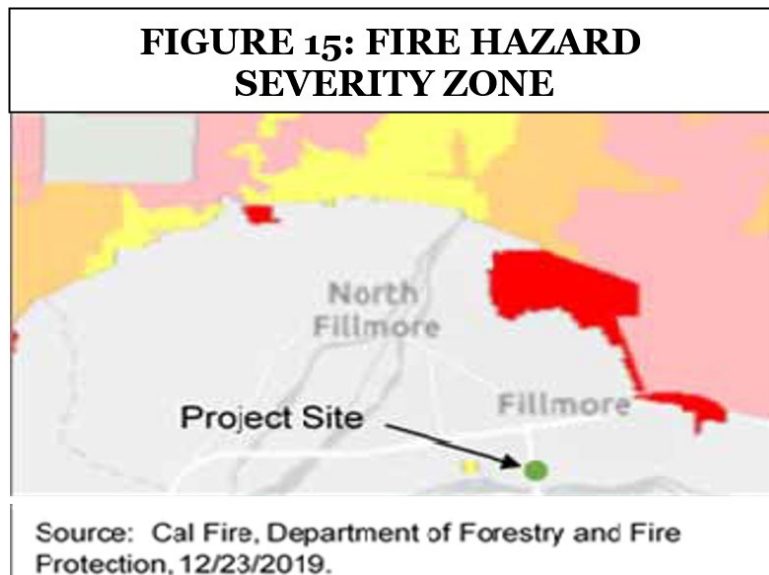
a) Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

a) As depicted in Figure 3 above, the Project Site is not located within a designated fire severity zone or subject to other known hazards. (Sources: “General Plan Update, Land Use Element - Figure LU-7,” City of Fillmore, April 2003; Natural Hazards Report, 2020 ParcelQuest, April 2020). These findings are further affirmed in Figure 15 (below) which depicts the Fire Hazard Severity Zone (“FHSZ”) specific to Fillmore (CalFire 2019). FHSZ is a mapped area that designates zones (based on factors such as fuel, slope, and fire weather) with varying degrees of fire hazard (i.e., moderate, high, and very high). FHSZ maps evaluate wildfire hazards, which are physical conditions that create a likelihood that an area will



burn over a 30- to 50-year period. They do not take into account modifications such as fuel reduction efforts. While FHSZs do not predict when or where a wildfire will occur, they do identify areas where wildfire hazards could be more severe and therefore are of greater concern. FHSZs are meant to help limit wildfire damage to structures through planning, prevention, and mitigation activities/requirements that reduce risk. The FHSZs serve several purposes: they are used to designate areas where California's wildland urban interface building codes apply to new buildings; they can be a factor in real estate disclosure; and local governments consider fire hazard severity in the safety elements of their general plans (CalFire 2019).

Finding: Based upon the above, there is no substantial evidence that development resulting from the Proposed Project will foreseeably exacerbate wildfire impacts or expose persons and property to risks that were not previously identified in the General Plan Update FEIR.



**TABLE 5:
Initial Study Evaluation**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
XVIII. <u>MANDATORY FINDINGS OF SIGNIFICANCE</u> —				
a) Does the project have the potential to substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, <u>either</u> directly or indirectly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

a) No significant biological or historical impacts are anticipated to result; the Proposed Project will be required to conform to applicable General Plan policies and Zoning Ordinance requirements, as amended; and mitigation measures identified in the 2003 General Plan Update Final EIR will be applied and reduce potential impacts to a level that is less than significant.

b) The Proposed Project will not exceed build-out projections evaluated under the General Plan Update FEIR. As such, incremental impacts attributable to the Proposed Project would not be cumulatively considerable when viewed in connection with past, current and future projects identified in the 2003 General Plan Update FEIR and residual development capacity appearing in Table 3.

c) Development resulting from the Proposed Project does not entail impacts that were not otherwise considered as part of the General Plan Update FEIR or increase the severity of effects previously identified. With the application of applicable mitigation measures identified in the 2003 General Plan Update FEIR and displayed in Table 4, along with supplemental mitigation specific to the Proposed Project, resultant impacts would be less than significant.



ENVIRONMENTAL FACTORS AFFECTED

The environmental factors checked below would be potentially affected by the Proposed Project, involving at least one impact that is “Potentially Significant” or “Potentially Significant Unless Mitigation Incorporated” as indicated through the evaluation appearing in Table 5:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture & Forest Res. | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input checked="" type="checkbox"/> Cultural Resources | <input type="checkbox"/> Energy |
| <input checked="" type="checkbox"/> Geology/Soils | <input type="checkbox"/> Greenhouse Gas Emissions | <input checked="" type="checkbox"/> Hazards & Haz. Materials |
| <input checked="" type="checkbox"/> Hydrology/Water Quality | <input checked="" type="checkbox"/> Land Use/Planning | <input type="checkbox"/> Mineral Resources |
| <input checked="" type="checkbox"/> Noise | <input checked="" type="checkbox"/> Population/Housing | <input checked="" type="checkbox"/> Public Services |
| <input type="checkbox"/> Recreation | <input checked="" type="checkbox"/> Transportation/Traffic | <input type="checkbox"/> Tribal Cultural Resources |
| <input type="checkbox"/> Utilities/Service Systems | <input type="checkbox"/> Wildfire | <input checked="" type="checkbox"/> Mandatory Findings |



DETERMINATION: On the basis of this initial evaluation:

- I find that the PROPOSED PROJECT does not meet the requirements for the preparation of a subsequent EIR under CEQA Guidelines Section 15162, and that an ADDENDUM shall be prepared pursuant to Section 15164 of the State CEQA Guidelines.
- I find that the Proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the PROPOSED PROJECT could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or will be imposed as conditions of Project approval. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the Proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the Proposed Project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on



attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

- I find that although the Proposed Project could have a significant effect on the environment, because all potential significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the Proposed Project, nothing further is required.

  For

Kevin McSweeney, Planning & CD Director
City of Fillmore

11/5/2020

Date



REFERENCES

- Advanced Geotechnical Services, Inc., GeoTechnical Engineering Study for Fillmore Terrace, December 20, 2018. Available for review at the City of Fillmore, Planning and Community Development Department, 250 Central Avenue, Fillmore, CA 93015.
- City of Fillmore. General Plan 2003, General Plan Update Final EIR 2003, and General Plan Update Supplement to Final EIR. 2005. Available online at: http://www.fillmoreca.com/planning_download.htm#gpu.
- City of Fillmore. Municipal Code. Available online at: <http://www.fillmoreca.com/zoningcode.html>.
- County of Ventura. Ventura County General Plan: (i) Goals, Policies and Programs; and (ii) Hazards Appendix, June 2011. Available online at: <http://www.ventura.org/rma/planning/plans/general-plan/index.html>
- Cultural and Historic Resources: Cultural Heritage Survey for Fillmore, County of Ventura, 1983; Cultural Survey Area Maps, County of Ventura, 2011; Inventory of California State Historical Landmarks, State of California, 2018; Ventura County Historical Landmarks and Points of Interest, Ventura County Cultural Heritage Board, 2016; and Fillmore General Plan Update FEIR, City of Fillmore, April 2003. Available for review at the City of Fillmore, Planning and Community Development Department, 250 Central Avenue, Fillmore, CA 93015.
- Delane Engineering, Preliminary Drainage and Best Management Practices Report, February 2019. Available for review at the City of Fillmore, Planning and Community Development Department, 250 Central Avenue, Fillmore, CA 93015.
- Envicom Corporation, Cultural Resources Phase I Assessment for Fillmore Terrace Project, October 2, 2020. Available for review at the City of Fillmore, Planning and Community Development Department, 250 Central Avenue, Fillmore, CA 93015.
- Lauterbach Associates, Preliminary Development Plans (including Photometrics Plan), 2018- 2020. Available for review at the City of Fillmore, Planning and Community Development Department, 250 Central Avenue, Fillmore, CA 93015.
- Linscott, Law & Greenspan, Engineers (LLG), Fillmore Terrace Project – Summary of Transportation Review, October 15, 2020. Available for review at the City of Fillmore, Planning and Community Development Department, 250 Central Avenue, Fillmore, CA 93015.
- MD Acoustics, Noise Survey, February 5, 2019. Available for review at the City of Fillmore, Planning and Community Development Department, 250 Central Avenue, Fillmore, CA 93015.
- Rincon Consultants, Phase 1 and 2 Environmental Site Assessments, November 13, 2017 and February 9, 2018. Available for review at the City of Fillmore, Planning and Community Development Department, 250 Central Avenue, Fillmore, CA 93015



ATTACHMENT NO. 1

Fillmore Terrace: Mitigation Monitoring and Reporting Program

FILLMORE TERRACE: MITIGATION MONITORING AND REPORTING PROGRAM						
Environmental Topic	Mitigation Measures	Source Document		Method of Monitoring	Timing of Monitoring	Responsible Party
		General Plan Update FEIR	Mitigated Negative Declaration			
a Aesthetics	<p>AES-2(a) Lighting Fixtures. All exterior lighting shall: (i) be oriented away from nearby residential properties; (ii) be hooded, shielded, and located to direct light pools downward and prevent glare; (iii) employ non-glare fixtures; and (iv) be screened such that lighting globes are not visible from a distance of 20 feet.</p>	X		Plan Check	Prior to Building Permit Issuance	Planning Director and Building Official
				Field Verification	Prior to Occupancy Clearance	
	<p>AES-2(b) Building Materials. Windows designed to minimize glare shall be used. Paint used for exterior facades shall be of low-reflectivity. Metal surfaces shall be brush-polished, and not highly reflective.</p>	X		Plan Check	Prior to Building Permit Issuance	Planning Director and Building Official
			Field Verification	Prior to Occupancy Clearance		
	<p>MND-1 Photometric Plan. Prerequisite to issuance of a Zoning Clearance, the analysis and findings of the Preliminary Photometric Plan submitted as part of the Project application shall be independently evaluated by a licensed electrical engineer, employed at the Applicant's sole expense, evidencing strict compliance with illumination standards specified in the City's Zoning Ordinance. These findings shall be validated by field testing, conducted at the Applicant's sole expense, prerequisite to Occupancy Clearance.</p>		X	Plan Check and Field Verification	Prior to Building Permit Issuance and Occupancy Clearance	Planning Director and Building Official
b Air Quality	<p>AQ-3(a) Dust Control Procedures. During clearing, grading, earth moving, or excavation operation, excessive fugitive dust emissions shall be controlled by regular watering, paving construction roads, or other dust preventive measures using the following procedures:</p> <ol style="list-style-type: none"> 1) All material excavated or graded shall be sufficiently watered to prevent excessive amounts of dust. Watering shall occur at least twice daily with complete coverage, preferably in the late morning and after work is done for the day. 2) All clearing, grading, earth moving, or excavation activities shall cease during periods of high winds (i.e., greater than 20 mph averaged over one hour) so as to prevent excessive amounts of dust. 3) All material transported off site shall be either sufficiently watered or securely covered to prevent excessive amounts of dust. 4) Facemasks shall be used by all employees involved in grading or excavation operations during dry periods to reduce inhalation of dust, which may contain the fungus that causes San Joaquin Valley Fever. 5) The area disturbed by clearing, grading, earth moving, or excavation operations shall be minimized so as to prevent excessive amounts of dust. 	X		Field Verification	During Grading and Site Preparation	Building Official and City Engineer

FILLMORE TERRACE: MITIGATION MONITORING AND REPORTING PROGRAM						
Environmental Topic	Mitigation Measures	Source Document		Method of Monitoring	Timing of Monitoring	Responsible Party
		General Plan Update FEIR	Mitigated Negative Declaration			
b Air Quality	<p>AQ-3(b) Fugitive Dust Control. After clearing, grading, earth moving, or excavation operations, and during construction activities, fugitive dust emissions shall be controlled using the following procedures:</p> <ol style="list-style-type: none"> 1) All inactive portions of the construction site shall be seeded and watered until grass cover is grown. 2) All active portions of the construction site shall be sufficiently watered to prevent excessive amounts of dust. 3) On-site vehicle speed shall be limited to 15-mph. 4) All areas with vehicle traffic shall be watered periodically. 5) Use of environmentally-safe dust suppressants. 6) Streets adjacent to the Property shall be swept as needed to remove silt, which may have accumulated from construction activities so as to prevent excessive amounts of dust. 	X		Field Verification	During Grading and Site Preparation	Building Official and City Engineer
	<p>AQ-3 (c) Ozone Precursor Controls. At all times, ozone precursor emissions shall be controlled using the following procedures:</p> <ol style="list-style-type: none"> 1) Equipment engines shall be maintained in good condition and in proper tune as per manufacturer's instructions. 2) During the smog season (May through October), the construction period shall be lengthened so as to minimize the number of vehicles and equipment operating at the same time. 3) Construction activities shall utilize new technologies to control ozone precursor emissions, as they become available and feasible. 	X		Field Verification	During Grading and Site Preparation	Building Official and City Engineer
c Cultural Resources	<p>CR-1 Archeology Investigation and Associated Protocols. If cultural resources suggestive of prehistoric or historic origin are encountered at any time during grading or construction, the following protocols shall be instituted: (i) work in the vicinity of the find shall be stopped, and the City Engineer and Planning Director shall be notified; (ii) Phase 2 and 3 Archeological Studies shall be performed as necessary to identify the scope of discovery and appropriate courses of action as specified in the General Plan Update FEIR, Mitigation Measures CR-1(c) through CR-1(f). Grading or construction shall not be resumed until all necessary and appropriate protocols have been completed to the City's satisfaction.</p>	X		Field Verification	During Grading and Site Preparation	Building Official and City Engineer



FILLMORE TERRACE: MITIGATION MONITORING AND REPORTING PROGRAM						
Environmental Topic	Mitigation Measures	Source Document		Method of Monitoring	Timing of Monitoring	Responsible Party
		General Plan Update FEIR	Mitigated Negative Declaration			
d Geology and Soils	MND-3 Geotechnical Design and Construction Measures. Prerequisite to issuance of a Zoning Clearance, construction drawings shall be prepared and submitted to the Building Official which incorporate and evidence compliance with all recommendations set forth in the GeoTechnical Study performed by Advanced Geotechnical Services, Inc., dated December 20, 2018, "Conclusions and Recommendations" (pages 10 through 22), incorporated herein by this reference. Upon commencement of grading, and for the duration of all construction activities, all Fugitive Dust and Ozone Precursor control measures shall be implemented as specified in the General Plan Update FEIR. Mitigation Measures AQ-2(g), AQ-2(h) and AQ-3(a) to (c). (See "Air Quality" above).		X	Plan Check/Zoning Clearance	Prior to Building Permit Issuance	Planning Director and Building Official
e Greenhouse Gas Emissions	MND-4 Energy Efficiency and Air Quality. Prerequisite to issuance of a Zoning Clearance, construction drawings shall be prepared and submitted to the Building Official which incorporate and evidence use of energy efficient building materials that exceed Title 24 (California Building Code) requirements, use of double-glass paned or thermal efficient windows and exclusive use of low-sodium lights in parking areas.		X	Plan Check/Zoning Clearance	Prior to Building Permit Issuance	Planning Director and Building Official
f Hazards & Hazardous Materials	MND-5 Hazardous Material Handling. Prerequisite to issuance of a Zoning Clearance, a risk assessment shall be made by a qualified environmental auditor and submitted to the City Building Official to: (i) conclusive determine the presence of asbestos and lead based materials within existing structures to be removed; (ii) the type and extent of soil contamination that be present and the Project Site; and (iii) stipulate building demolition, waste disposal, site remediation and monitoring protocols specific to the hazardous materials that are found to exist.		X	Plan Check/Zoning Clearance	Prior to Building Permit Issuance	Planning Director and Building Official
g Hydrology and Water Quality	F-1(b), F-1(c) Hydrology. Prerequisite to issuance of a Zoning Clearance, a Final Drainage Study and civil engineering drawings shall be prepared and submitted to the City Engineer evidencing compliance with NPDES stormwater discharge requirements, adequacy of offsite drainage infrastructure and improvements required by the Applicant to accommodate surface drainage from the Project Site.	X		Plan Check/Zoning Clearance	Prior to Building Permit Issuance	Planning Director and City Engineer

FILLMORE TERRACE: MITIGATION MONITORING AND REPORTING PROGRAM						
Environmental Topic	Mitigation Measures	Source Document		Method of Monitoring	Timing of Monitoring	Responsible Party
		General Plan Update FEIR	Mitigated Negative Declaration			
h Noise	MND-6 Sound Attenuation. Prerequisite to issuance of a Zoning Clearance: (i) construction drawings shall be submitted to the Building Official which evidence compliance with General Plan Policies, Zoning Ordinance Requirements, and California Building Code Standards governing noise exposure and sound attenuation specific to the Proposed Project; and (ii) a "Noise Reduction and Traffic Control Plan" shall be prepared and submitted to the City which embodies, to the reasonable satisfaction of the Planning Director and City Engineer, necessary and appropriate features to: (a) protect general public, health and safety throughout the duration of construction in compliance with applicable laws and regulations; and (b) minimize inconvenience to adjacent owners and residents consistent with principles of quiet and peaceful enjoyment of private property.		X	Plan Check/Zoning Clearance	Prior to Building Permit Issuance	Planning Director and Building Official
i Population and Housing	MND-7 Residential Displacement. Prerequisite to issuance of a Zoning Clearance, a "Replacement Housing Plan" shall be prepared and submitted to the City which incorporates all reasonable measures (to the reasonable satisfaction of the Planning Director) shall be taken to provide: (i) advance notice of displacement to all residential tenants which currently occupy the Project Site; (ii) preference for occupancy in newly constructed dwellings by those whom may be displaced; and (iii) assistance in securing replacement housing.		X	Plan Check/Zoning Clearance	Prior to Building Permit Issuance	Planning Director
i Public Services	LU-16 and MND-8 Incremental Contribution to Cumulative Impacts. Prerequisite to obtaining a Final Building Inspection Clearance and Certificate of Occupancy, the Applicant shall pay all Development Impact Fees required by operation of Title 6, Chapter 6.07 of the Fillmore Municipal Code based on adopted rate schedules in effect at the time of payment.	X	X	Certificate of Occupancy	Prior to Final Building Clearance	Planning Director and Building Official
j Recreation						
k Utilities						
k Transportation/Traffic	<i>TO BE DETERMINED PENDING COMPLETION OF ATE TRAFFIC STUDY</i>					



FILLMORE TERRACE: MITIGATION MONITORING AND REPORTING PROGRAM

Environmental Topic		Mitigation Measures	Method of Monitoring	Timing of Monitoring	Responsible Party
b	Air Quality	<p>AQ-1 Construction ROC and NOx Reduction To minimize construction emissions in accordance with VCAPCD Guidelines, the following measures must be implemented:</p> <ul style="list-style-type: none"> • Minimize equipment idling time. • Maintain equipment engines in good condition and in proper tune as per manufacturers' specifications. • Lengthen the construction period during smog season (May through October) to minimize the number of vehicles and equipment operating at the same time. • When feasible, use alternatively fueled construction equipment, such as compressed natural gas, liquefied natural gas, or electric. • Construction shall use Tier 3 or above construction equipment for all off-road diesel equipment that has greater than 50 horsepower. A copy of each unit's certified tier specification shall be provided at the time of mobilization of each applicable unit of equipment 	Plan check / zoning Clearance and construction inspections	Documentation Prior to Zoning Clearance and Building Permit And monitoring during construction	Planning Director and Building Official
c	Cultural Resources	<p>CR-1: If potentially significant intact cultural deposits or fossil resources are encountered during ground disturbing activities, then a "discovery" protocol must be followed, which will be outlined in a Communication Plan, created prior to the start of construction activity.</p> <p>If prehistoric or older historic features, artifact concentrations, larger significant artifacts, or fossil resources that cannot be moved are encountered during ground-disturbing activities or earth moving, then all work in that area shall be halted or diverted away from the discovery to a distance of 30-feet until a qualified senior archaeologist or senior paleontologist can evaluate the nature and/or significance of the find(s). If the senior archaeologist or senior paleontologist confirms that the discovery is potentially significant, then</p>	Plan check / zoning Clearance and construction inspections		Planning Director and Building Official



		<p>the City of Fillmore will be contacted and informed of the discovery.</p> <p>Ground-disturbing activities will not resume in the locality of the potentially significant discovery until consultation between the senior archaeologist or senior paleontologist, the Project manager, and the City of Fillmore takes place and a conclusion is reached that is approved by the City of Fillmore.</p> <p>If a significant resource is discovered during ground-disturbing activities, complete avoidance of the find is preferred. However, if the discovery cannot be avoided, further survey work, evaluation tasks, or data recovery of the significant resource may be required by the City of Fillmore. The City of Fillmore may also require additional monitoring for the remainder of the Project, based on the type of discovery.</p>			
i.	Public Services	<p>PS-1: As a condition of project approval, prior to vertical building construction, the permittee shall relocate/ underground the overhead utility wires along the alley, Santa Clara Street, and Palm Street pursuant to Fillmore Municipal Code Ch. 5.13. Utility undergrounding plans must be provided to the City Fire Department and Community Development Department for review and approval as part of the building permit application improvements plans.</p>	<p>Undergrounding Plans must be included with Plan Check / Zoning Clearance and Building Permit</p>	<p>Monitoring during construction inspections</p>	



**Initial Study /
MND**



FILLMORE TERRACE
(Peoples Self Help Housing)

**General Plan Amendment, Specific Plan
Amendment, Zone Change, Development
Permit, Density Bonus, and Lot Merger**

**City of Fillmore
Planning Department
250 Central Avenue
Fillmore, CA 93015**

**CEQA INITIAL STUDY &
MITIGATED NEGATIVE
DECLARATION**

APPENDICES

A - F



October 2, 2020

City of Fillmore, Planning Department.
250 Central Avenue
Fillmore, CA 93015-1907

Attn: Mr. Brian McCarthy, Senior Planner

**Subj: Cultural Resources Phase I Assessment for Fillmore Terrace Project
(Envicom Project #50-356-101)**

Dear Mr. McCarthy,

In September of 2020, Envicom Corporation (Envicom) completed a Phase I Cultural Resource Assessment for Fillmore Terrace Project, Fillmore, California (City) (**Figure 1**). The approximately 1.44-acre Project property will be developing 72 units of housing for the Peoples' Self-Help Housing Project, located in Fillmore, CA (**Figure 2**). The general location of the Project is as follows:

**United States Geological Survey 7.5' Quadrangles: Fillmore, CA,
Township: 4N Range: 19W
Latitude: 34° 23'50.27"North Longitude: 118°54'52.94"West**

The Phase I Cultural Resource Assessment normally includes a cultural resource record search conducted by the South Central Coastal Information Center (SCCIC) and a Native American cultural resource record search conducted by the California Native American Heritage Commission (NAHC). Both record searches examined the Project site plus a 0.25-mile area ("study area") around the Project Site. Additional databases examined during the Phase I Assessment include historic regional maps, historic United States Geological Survey (USGS) maps, and historic Google Earth images. The University of California Santa Barbara (UCSB) Library Historic Aerial Photograph Database is also examined.

The purpose of a cultural resource record search is to identify any known cultural resources previously recorded within or immediately adjacent to the proposed Project Site, to provide cultural resource context for the Project from the examination of the study area, and to assess the overall cultural resource sensitivity of the Project region. A cultural resource is often defined as any building, structure, object, or archaeological site older than 50-years in age and can include historic or prehistoric locations of human habitation.

Due to delays related to the State of California Historical Resource Information System response to COVID-19, the SCCIC record search is not part of this report, but will be added at a later date. To accommodate possible SCCIC record search unavailability due to information center delays, Envicom has a contingency plan that involves cultural resource monitoring of the site grading to ensure that cultural resources are not present below surface. If the SCCIC findings are obtained



before the monitoring, then the findings will be discussed with the City for whether this monitoring is still necessary as a contingency measure against unexpected cultural resource discovery.

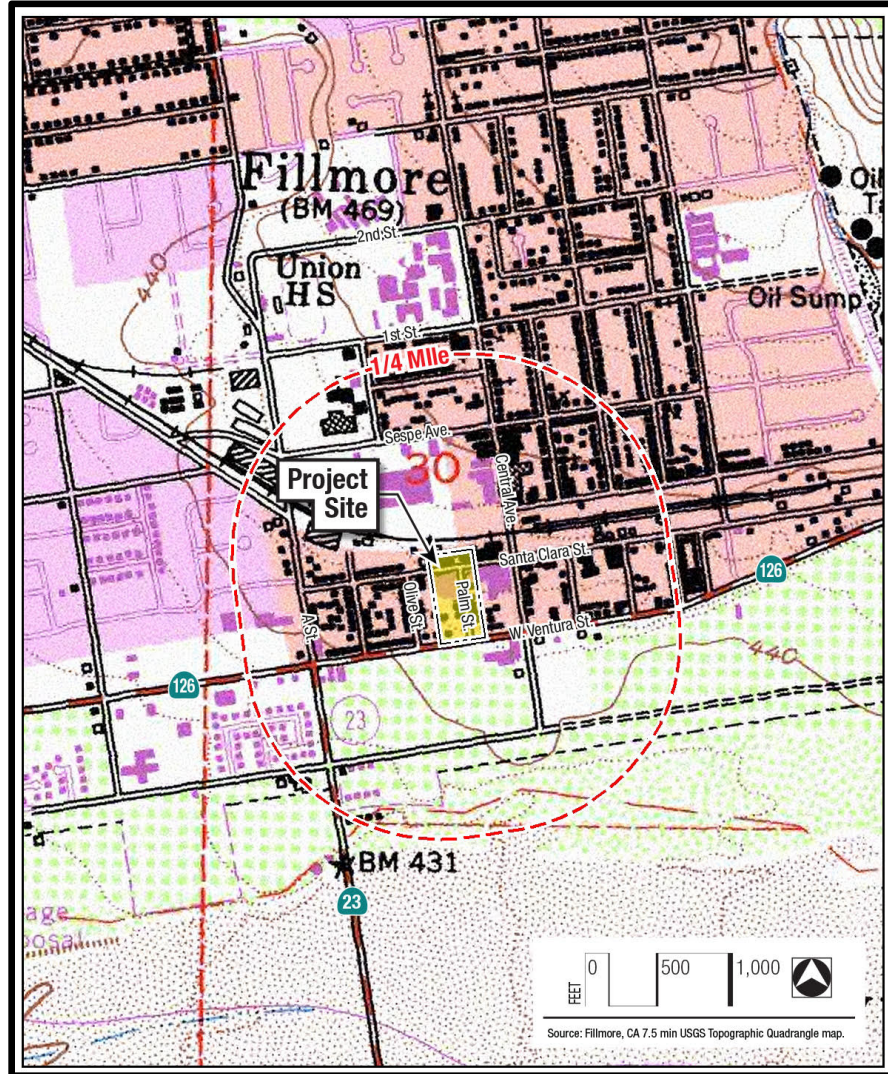


Figure 1: Project location in Ventura County, California, with the 0.25-mile study area shown (1981 Fillmore Quadrangle Topographic Map).

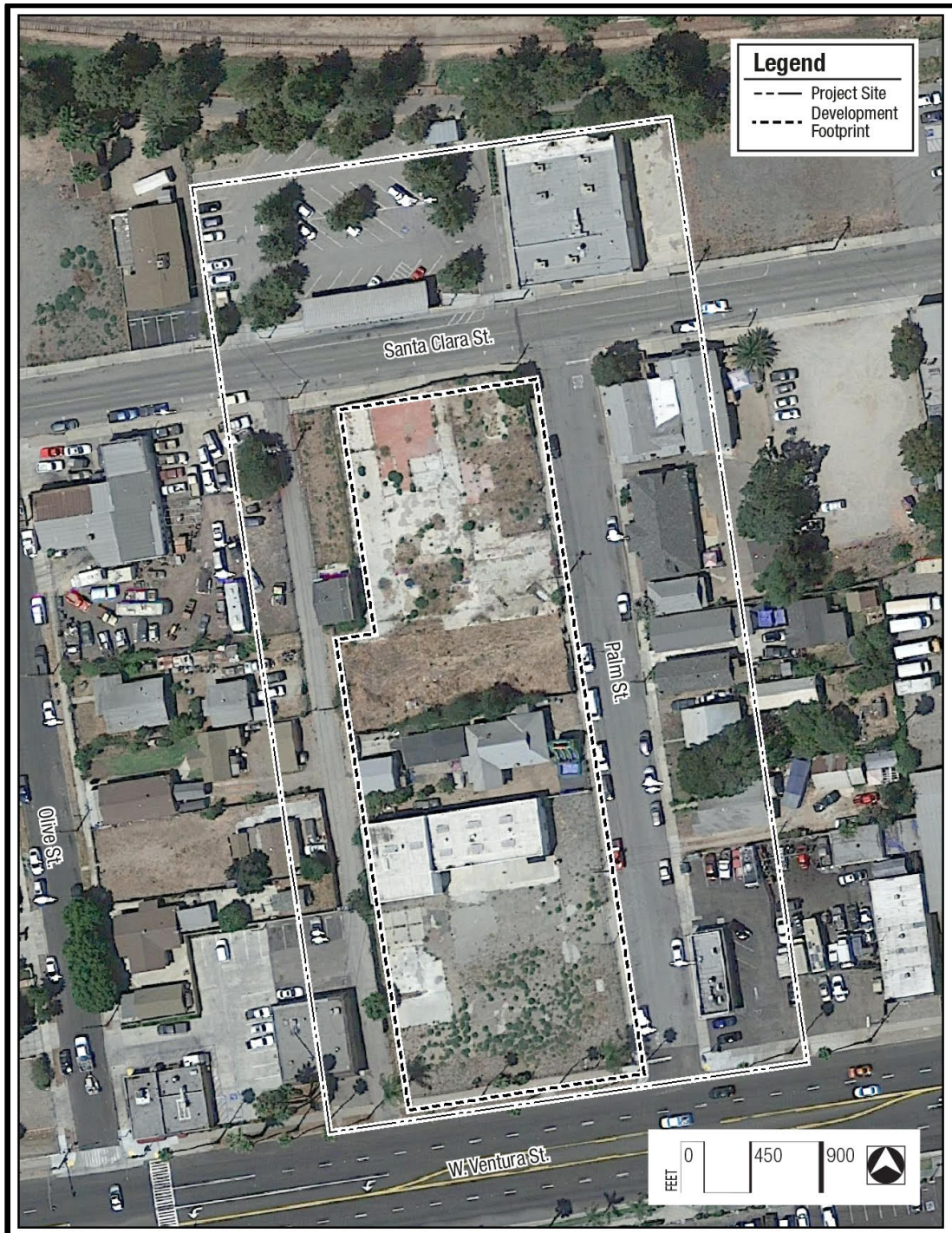


Figure 2: The Project property, showing the current conditions (dotted line is the development footprint, larger line is the area of potential effects for the Project) (2017 Google Earth Image).

RECORD SEARCH RESULTS

SCCIC and NAHC Record Searches

This section is pending.

Historical Map Database Search

Examination of historic maps included fourteen historic USGS maps, dating between 1903 and 1995. The 1903 Camulos USGS map clearly showed the Project site with limited development within the Project area (**Figure 3**), though this map appears to not be ortho-rectified correctly with current street locations, and the true location should be due south below the railroad tracks. Some residences, buildings, or roads are shown in or near the Project property, with possibly one or two houses located on the property. The 1920 Piru map shows roughly the same level of local development, and also appears to not be correctly ortho-rectified (**Figure 4**). The 1941 Piru USGS map shows the railyard being gone, and complete urban in-filling taking place within the Project area, with the project property being within the in-filled areas (**Figure 5**). The 1951 Fillmore USGS map shows more detail than that found on the 1941 Piru map, with individual houses being noted on the map (**Figure 5**).

The oldest aerial photograph in the UCSB Library historic aerial photography database was from 1929 (**Figure 6**). As was found with the older USGS maps, this photo shows minimal development at the time in the local region, and possible development on the Project property. Examination of historic Google Earth satellite images shows the local area and developed Project site from 1994 to current, with constant in-filling of the local area with residential development, and development of the Project property. The built environment study for the Project identified that at least one standing 1910 residential structure is located on the property, confirming early conclusions from the records search (San Buenaventura Research Associates, 2020). Additional early 20th Century structures were also identified in that document.

The review of historic maps, satellite images, and aerial images indicated that the Project property is within a location sensitive for older historic cultural resources. However, due to the property being categorized as urban infill by the Lead Agency for the Project, monitoring is not recommended for older historic resources. Contingency measures covering inadvertent discovery are, however, recommended for this project. No references about prehistoric or ethnographic Native American cultural resources within the project property or immediate area were found.



Figure 3: The 1903 Camulos USGS Map (red cross marks the Project location), shows development in the local area.



Figure 4: The 1920 Piru USGS Map (red cross marks the Project location), also shows historic development in the local area.

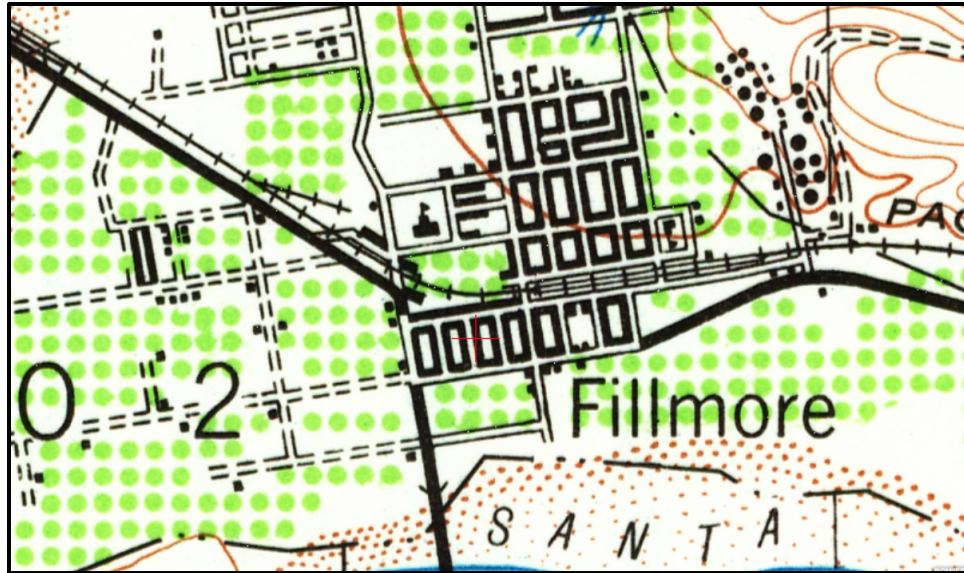


Figure 5: The 1941 Piru USGS Map (red cross marks the Project location) shows the property and the surrounding local area being entirely urbanized.

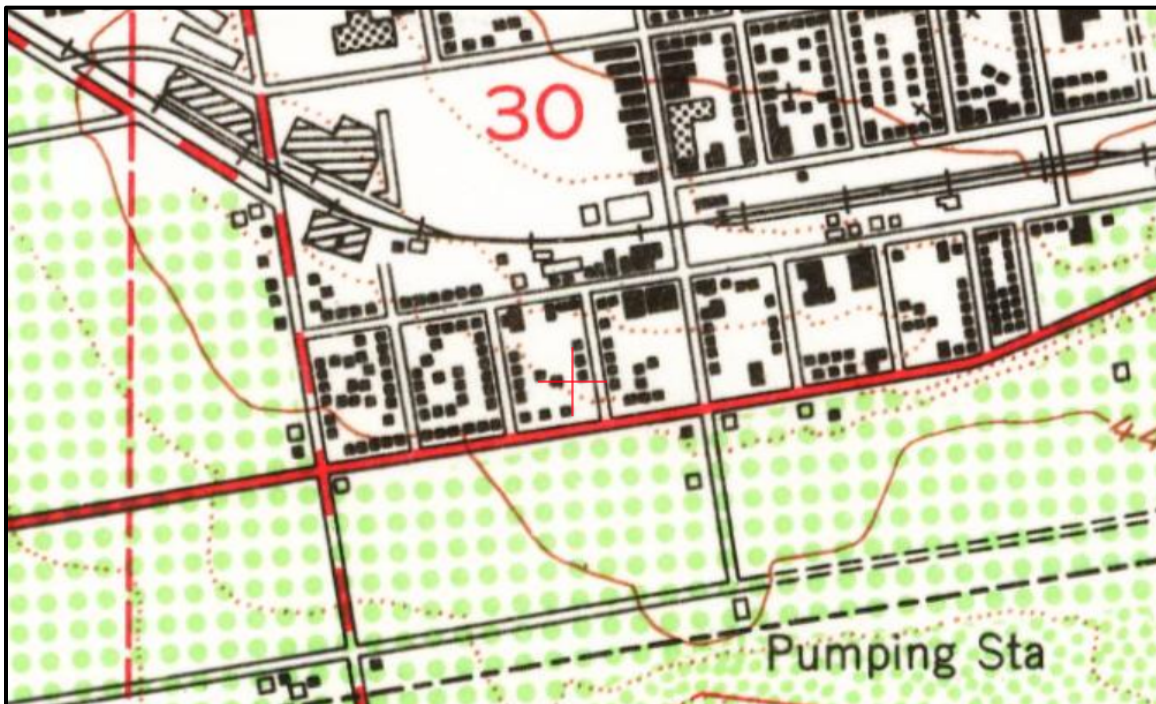


Figure 6: The 1951 Fillmore USGS Map (red cross marks the Project location).



Figure 7: The Project area in 1929 image, showing the Project property (center) (UCSB Historic Aerial Image Database).

Current Property Conditions.

The built environment study was utilized to provide representative photos of the subject property (**Figure 8, Figure 9, Figure 10, Figure 11, and Figure 12**). The ground is currently covered with either standing structures, concrete pavement, or older concrete pads associated with previous associated support buildings to the existing structures. The subject property appears to be highly impacted by over one hundred years of commercial and residential development, with grading of the terrain, and numerous impacts from utilities, concrete features, pavement, and structural pads.



Figure 8: Overview of a commercial building, showing how the landscape around the buildings has been heavily graded and impacted (San Buenaventura Research Associates, 2020)



Figure 9: Overview of the 1910 Single Family home. (San Buenaventura Research Associates, 2020)



*Figure 10: Overview of a commercial building.
(San Buenaventura Research Associates, 2020)*



*Figure 11: Overview of a commercial building.
(San Buenaventura Research Associates, 2020)*



Figure 12: A View of the empty lot, showing older concrete pads and evidence of property grading (San Buenaventura Research Associates, 2020)

Paleontological Resource Assessment.

The National Geological Map Database of the USGS was examined to assess the paleontological sensitivity of the project for fossil resources. The entire project area is located within recent alluvial fill, which is not sensitive for older fossil resources (**Figure 13**). North of the railroad tracks in Fillmore, older alluvial material is present, which is known to produce significant terrestrial mammal fossils from the Pleistocene era or earlier. Since the Project recent alluvial is probably also over older alluvial layers, a discovery protocol for the project should be in place in the event that unexpected fossil resources are encountered during project grading.



Figure 13: The Project property (located below the railroad tracks in the middle of the image) is located on non-fossil bearing recent alluvial material, however, this material may be over older alluvial material at greater depths (USGS).

RECOMMENDATIONS

The results of the SCCIC database record searches are pending, however, examination of the historic USGS maps, historic satellite image database, and the historic aerial photo databases were positive for older historic cultural resources being previously located within the subject property and adjacent area, though the project being urban in-fill is an important consideration for cultural resource recommendations. Examination of current condition photos of the subject property indicated a large amount of commercial and residential grading and impacts has taken place on the property, which reduces the change of intact older historic or prehistoric sites being present. The site is also located over recent alluvial material, which is not fossil-bearing, however, older alluvial material may be encountered at depth.

Envicom does not recommend further cultural resource assessments should take place for the Project. However, Envicom does recommend that contingency regulations be put in place to be followed in the case that unexpected prehistoric, older historic, fossil, or human remains are found during project grading.

Recommendation 1: Unexpected Discovery of Cultural or Paleontological Resources Protocol

If potentially significant intact cultural deposits or fossil resources are encountered during ground-disturbing activities, then a “discovery” protocol will be followed, which will be outlined in a Communication Plan, created prior to the start of construction activity. If prehistoric or older historic features, artifact concentrations, larger significant artifacts, or fossil resources that cannot be moved are encountered during ground-disturbing activities or earth moving, then all work in that area shall be halted or diverted away from the discovery to a distance of 30-feet until a qualified senior archaeologist or senior paleontologist can evaluate the nature and/or significance of the find(s). If the senior archaeologist or senior paleontologist confirms that the discovery is potentially significant, then the Lead Agency will be contacted and informed of the discovery.

Ground-disturbing activities will not resume in the locality of the potentially significant discovery until consultation between the senior archaeologist or senior paleontologist, the Project manager, and the Lead Agency takes place and a conclusion is reached that is approved by the Lead Agency. If a significant resource is discovered during ground-disturbing activities, complete avoidance of the find is preferred. However, if the discovery cannot be avoided, further survey work, evaluation tasks, or data recovery of the significant resource may be required by the Lead Agency. The Lead Agency may also require additional monitoring for the remainder of the Project, based on the type of discovery.

Recommendation 2: Inadvertent Discovery of Human Remains

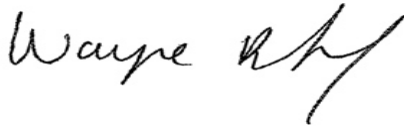
The inadvertent discovery of human remains is always a possibility during ground disturbances; State of California Health and Safety Code Section 7050.5 addresses these findings. This code section states that in the event human remains are uncovered, no further disturbance shall occur until the County Coroner has made a determination as to the origin and disposition of the remains pursuant to California Public Resources Code Section 5097.98. The Coroner must be notified of the find immediately, together with the City and the property owner.

If the human remains are determined to be prehistoric, the Coroner will notify the NAHC, which will determine and notify a Most Likely Descendant (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 and an appropriate re-interment site. The Lead Agency and a qualified archaeologist shall establish additional appropriate measures for further site development, which may include additional archaeological and Native American monitoring or subsurface testing.

REFERENCES USED

2020 *Section 106 Historic Resources Report, 215 and 221 Palm Street, Fillmore, CA 93030.*
Sna Buenaventura Research Associates, Santa Paula, CA.

Sincerely,



Dr. Wayne Bischoff
Envicom Director of Cultural Resources
(with Ms. Samantha Renta)

ATTACHMENTS:

Appendix A: List of Previously Completed Cultural Resource Reports in the Project Property and Surrounding Study Area (pending).

Appendix B: SCCIC, NAHC, and NHM Request Letters, and the NAHC and NHM response letters.

Appendix C: Resume of Dr. Wayne Bischoff (author)

APPENDIX A

List of Previously Completed Cultural Resource Reports in the Project Property and Surrounding Study Area (pending)

APPENDIX B
**SCCIC, NAHC, and NHM Request Letters,
and the NAHC and NHM Response Letters (pending)**

CHRIS Data Request Form

ACCESS AND USE AGREEMENT NO.: _____ **IC FILE NO.:** _____

To: _____ Information Center

Print Name: Samantha Renta Date: 9/29/2020

Affiliation: Envicom Corporation

Address: 4165 E. Thousand Oaks Blvd

City: Westlake Village State: CA Zip: 91362

Phone: 818-879-4700 Fax: _____ Email: srenta@envicomcorporation.com

Billing Address (if different than above): _____

Billing Email: wbischoff@envicomcorporation.com Billing Phone: 818-879-4700

Project Name / Reference: Fillmore Terrace Project, #50-356-101

Project Street Address: _____

County or Counties: Ventura

Township/Range/UTMs: T 4N, R 19W, 34.23'50.27"N, 118.54'52.94"W

USGS 7.5' Quad(s): Fillmore

PRIORITY RESPONSE (Additional Fee): yes / no

TOTAL FEE NOT TO EXCEED: \$ _____

(If blank, the Information Center will contact you if the fee is expected to exceed \$1,000.00)

Special Instructions:

Information Center Use Only

Date of CHRIS Data Provided for this Request: _____

Confidential Data Included in Response: yes / no

Notes: _____

CHRIS Data Request Form

Mark the request form as needed. Attach a PDF of your project area (with the radius if applicable) mapped on a 7.5' USGS topographic quadrangle to scale 1:24000 ratio 1:1 neither enlarged nor reduced and include a shapefile of your project area, if available. Shapefiles are the current CHRIS standard for submitting digital spatial data for your project area or radius. **Check with the appropriate IC for current availability of digital data products.**

- Documents will be provided in PDF format. Paper copies will only be provided if PDFs are not available at the time of the request or under specially arranged circumstances.
- Location information will be provided as a digital map product (Custom Maps or GIS data) unless the area has not yet been digitized. In such circumstances, the IC may provide hand drawn maps.
- In addition to the \$150/hr. staff time fee, client will be charged the Custom Map fee when GIS is required to complete the request [e.g., a map printout or map image/PDF is requested and no GIS Data is requested, or an electronic product is requested (derived from GIS data) but no mapping is requested].

For product fees, see the CHRIS IC Fee Structure on the [OHP website](#).

1. Map Format Choice:

Select One: Custom GIS Maps GIS Data Custom GIS Maps and GIS Data No Maps

Any selection below left unmarked will be considered a "no."

Location Information:

	Within project area	Within <u>0.25</u> mi.	radius
ARCHAEOLOGICAL Resource Locations¹	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	
NON-ARCHAEOLOGICAL Resource Locations	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	
Report Locations¹	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	
"Other" Report Locations²	yes <input type="checkbox"/> / no <input type="checkbox"/>	yes <input type="checkbox"/> / no <input type="checkbox"/>	

3. Database Information:

(contact the IC for product examples, or visit the [SSJVIC website](#) for examples)

	Within project area	Within <u>0.25</u> mi.	radius
ARCHAEOLOGICAL Resource Database¹			
List (PDF format)	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	
Detail (PDF format)	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	
Excel Spreadsheet	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	
NON-ARCHAEOLOGICAL Resource Database			
List (PDF format)	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	
Detail (PDF format)	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	
Excel Spreadsheet	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	yes <input type="checkbox"/> / no <input type="checkbox"/>	
Report Database¹			
List (PDF format)	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	
Detail (PDF format)	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	
Excel Spreadsheet	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	
Include "Other" Reports ²	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	

4. Document PDFs (paper copy only upon request):

	Within project area	Within <u>0.25</u> mi.	radius
ARCHAEOLOGICAL Resource Records ¹	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	
NON-ARCHAEOLOGICAL Resource Records	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	
Reports ¹	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	
"Other" Reports ²	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>	

CHRIS Data Request Form

5. Eligibility Listings and Documentation:

Within project area Within 0.25 mi. radius

OHP Built Environment Resources Directory³:

Directory listing only (Excel format)
Associated documentation⁴

yes / no
yes / no

yes / no
yes / no

OHP Archaeological Resources Directory^{1,5}:

Directory listing only (Excel format)
Associated documentation⁴

yes / no
yes / no

yes / no
yes / no

California Inventory of Historic Resources (1976):

Directory listing only (PDF format)
Associated documentation⁴

yes / no
yes / no

yes / no
yes / no

6. Additional Information:

The following sources of information may be available through the Information Center. However, several of these sources are now available on the [OHP website](#) and can be accessed directly. The Office of Historic Preservation makes no guarantees about the availability, completeness, or accuracy of the information provided through these sources. Indicate below if the Information Center should review and provide documentation (if available) of any of the following sources as part of this request.

Caltrans Bridge Survey	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>
Ethnographic Information	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>
Historical Literature	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>
Historical Maps	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>
Local Inventories	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>
GLO and/or Rancho Plat Maps	yes <input checked="" type="checkbox"/> / no <input type="checkbox"/>
Shipwreck Inventory	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>
Soil Survey Maps	yes <input type="checkbox"/> / no <input checked="" type="checkbox"/>

¹ In order to receive archaeological information, requestor must meet qualifications as specified in Section III of the current version of the California Historical Resources Information System Information Center Rules of Operation Manual and be identified as an Authorized User or Conditional User under an active CHRIS Access and Use Agreement.

² "Other" Reports GIS layer consists of report study areas for which the report content is almost entirely non-fieldwork related (e.g., local/regional history, or overview) and/or for which the presentation of the study area boundary may or may not add value to a record search.

³ Provided as Excel spreadsheets with no cost for the rows; the only cost for this component is IC staff time. Includes, but not limited to, information regarding National Register of Historic Places, California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and historic building surveys. Previously known as the HRI and then as the HPD, it is now known as the Built Environment Resources Directory (BERD). The Office of Historic Preservation compiles this documentation and it is the source of the official status codes for evaluated resources.

⁴ Associated documentation will vary by resource. Contact the IC for further details.

⁵ Provided as Excel spreadsheets with no cost for the rows; the only cost for this component is IC staff time. Previously known as the Archaeological Determinations of Eligibility, now it is known as the Archaeological Resources Directory (ARD). The Office of Historic Preservation compiles this documentation and it is the source of the official status codes for evaluated resources.

September 29, 2020

Native American Heritage Commission
1550 Harbor Boulevard, Room 100
West Sacramento, CA 95691

**Subj: Cultural Resources Phase I Assessment for Fillmore Terrace Project
(Envicom Project #50-356-101)**

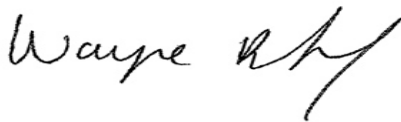
To Whom it May Concern,

Envicom Corporation (Envicom) is requesting a record review of the Native American Heritage Commission (NAHC) records of cultural resources for the Project site, plus a **0.25-mile study area**. We also request a list of Tribal Group representatives for the area in the event we need to contact their offices. The Project site is located at:

**United States Geological Survey 7.5' Quadrangles: Fillmore, CA,
Township: 4N Range: 19W
Latitude: 34° 23'50.27"North Longitude: 118°54'52.94"West
County: Ventura**

Envicom appreciates the NAHC's help with this request. For correspondence or questions regarding this Project, please contact Wayne Bischoff at 818-879-4700 (wbischoff@envicomcorporation.com).

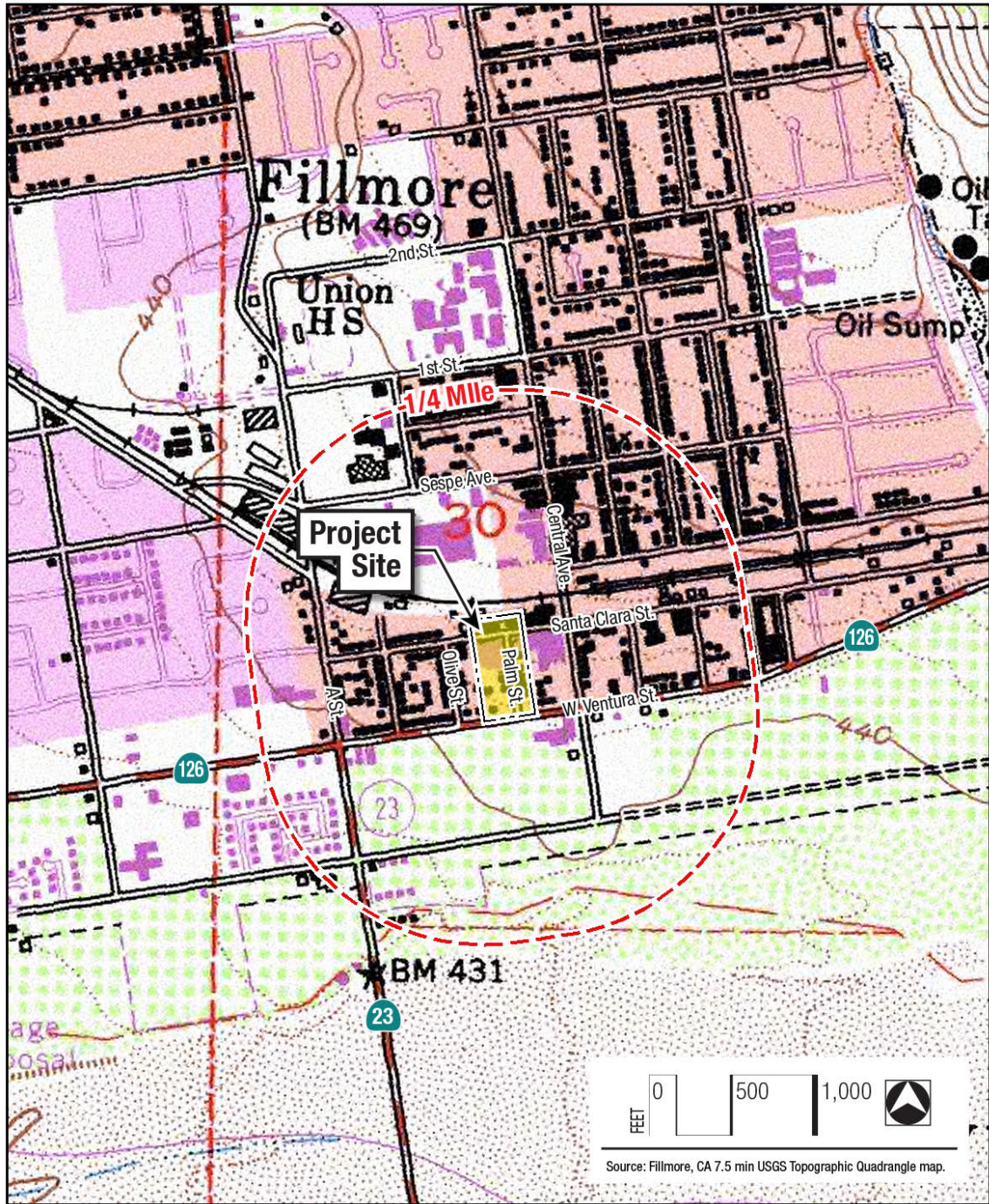
Sincerely,



Dr. Wayne Bischoff
Director of Cultural Resources

Attachment:

Project vicinity map on 1:24,000 topographic map



APPENDIX C

Resume of Dr. Wayne Bischoff (author).



Wayne Bischoff, Ph.D.

Director of Cultural Resources

Dr. Bischoff has over 20 years of experience managing cultural resource projects and ensuring compliance with Section 106 of the National Historic Preservation Act (NHPA), the California Environmental Quality Act (CEQA), the National Environmental Protection Act (NEPA), and state, county, city, and local government cultural laws, guidelines, and procedures. He has managed cultural, paleontological, and built environment projects throughout Southern California, including the Counties of Los Angeles, Kern, Ventura, Imperial, San Diego, Orange, Santa Barbara, Riverside, and San Bernardino. Dr. Bischoff has been the principal or project manager for hundreds of cultural resource projects in California, including literature searches, surveys, evaluations, and data recoveries, built environment and historic architectural inventories, HABS projects, paleontological surveys, and historic structure evaluations.

Dr. Bischoff's project experience includes extensive experience with transmission lines, renewable energy projects, and public works projects, including storm and sewer projects, recharge basins, wetlands restoration, highways and bridges, dams and levees, park and trail development, and educational facilities. He also has broad experience with residential and commercial developments projects, Department of Defense projects (Army, Navy, Marines, and National Guard), telecommunication lines, and projects with Army Corps of Engineers (ACOE) and California Coastal Commission (CCC) oversight.

Dr. Bischoff's experience includes consultation with state and federal agencies, including the State Historic Preservation Office, the Bureau of Land Management (BLM), the GSA, the USDA, Fish and Wildlife, the California Public Utilities Commission (CPUC), the National Park Service (NPS), the U.S. Forest Service (USFS), Federal Highway Administration (FHWA), and CALTRANS. He has also written sections of CEQA and NEPA documents, MNDs, and Memorandums of Agreements/Understanding (MOA/MOU), and is a Native American AB-52/SB-18 consultation expert. Dr. Bischoff has worked with all the Tribal Groups Southern California, and has provided Native American consultation for the City of Los Angeles, numerous project clients, and many cities and municipalities throughout Southern California.

Development Projects

- **Conrad N. Hilton Foundation Trails Project Cultural Assessment, Agoura Hills, Los Angeles County, CA.** Project Manager for the assessment of new pedestrian access trails linking off-site office space with the Foundation campus buildings. (Spring 2016)
- **Pepperdine University Campus Life Project: Cultural Resource Monitoring, Los Angeles, CA.** Principal and Project Manager for cultural resource monitoring of Phase I of the Pepperdine Campus Life housing, facilities, and trail development project. (Spring 2016)
- **Deer Lake Residential Development Cultural Monitoring, Los Angeles, CA.** Principal and Project Manager for the cultural monitoring of eight cultural resources within the project development boundary. Included the writing of a Construction Phase Management and Monitoring Plan. (Spring 2016)
- **Canyon Park Homes, Sylmar, Los Angeles County, CA.** Native American Tribal Group consultation and pre-construction monitoring for this 80-acre residential property development, as well as EIR section writing. (February 2015 – Current)



- **Paradise Valley Development Project Environmental Impact Report and Impact Statement, Riverside County, CA.** Author of the cultural section for this EIR for a housing and mixed use development of over 2200-acres east of Indio, California. Also reviewed original technical documents, and incorporated legal and agency comments. Mitigation measures included the management and monitoring of dozens of cultural resources, sensitive soils, and paleontological resources. (October 2014 – Current)
- **Floral Canyon Residential Development Cultural Resource Survey, North Hollywood, CA.** Principal and Project Manager for this Phase Ia cultural resource survey of an 8-acre property. (September – December 2015).
- **Lynn Road Residential Development Project, Newbury Park, CA.** Principal and Project Manager for the Phase Ia and Phase Ib survey of this 10-acre parcel. A large Middle-Period seasonal settlement was discovered, which required subsurface testing and extensive mapping of surface hearths, yucca roasters, and dwelling features. (September – October 2015).
- **Marinette Road Residential Development, Pacific Palisades, Los Angeles County, CA.** Principal and project manager for this development project, which included a record search, site survey, Tribal Group scoping letters, and agency consultation. The major challenge was that the project property was within the Will Rogers State Monument and National Register site boundary. (February 2015 – May 2015)
- **Village at Los Carneros, City of Goleta, Santa Barbara County, CA.** Reviewed all previous technical studies and wrote part of the cultural sections of the Environmental Impact Report for this residential house development project. (March 2014 – April 2014)
- **3121 Old Topanga Canyon Road Phase I Survey and Literature Search, City of Calabasas, Los Angeles County, CA.** Principal and Project manager for this residential development project, including NAHC letters, literature review, site survey, paleontological survey and literature search, final technical report, and the writing of the cultural resources section of the Environmental Impact Report. (March 2013 – April 2013)
- **Newport Beach Yacht Club Evaluation, Community Development Department, City of Newport Beach, Orange County, CA.** Principal for this historic architecture project involving the built environment evaluation of the Newport Beach Yacht House. (October 2013 – October 2013)
- **Blossom Plaza Historic Structure Evaluation, China Town, City of Los Angeles, CA.** Principal for this historic architecture project involving the updating of technical reports and a standing structure evaluation. (July 2013 – September 2013)
- **Moreno Valley Residential Building Evaluation, City of Moreno Valley, Riverside, CA.** Principal for the architectural assessment of the J. Langdon Ranch located at 11761 Davis Street, in the city of Moreno Valley, Riverside County, California. (April 2013)
- **Scripps Hospital Paleontological and Archaeological Monitoring, Worley-Parsons, City of Encinitas, CA.** Principal Investigator. Dr. Bischoff managed QA/QC review, budgets, and professional standards for the cultural and paleontological monitoring of this large development project. (2011 - 2013)

Energy Projects

- **East Kern Wind Resource Area (EKWRA) Power Pole Replacement Project, Environmental Intelligence / Southern California Edison, Kern County, CA.** Principal and Project Manager. This two-year project included cultural resource surveys, the evaluation of numerous cultural sites, and cultural and paleontological monitoring for the construction of over 130-miles of new power poles and fiber optics lines to service Tehachapi Mountain wind farms. (January 2013 – October 2013)
- **Pure Source Power, Victorville, San Bernardino, CA.** Principal and Project Manager for a cultural survey and record search of 140-acres north of Palm Springs for solar development. (September 2013 – October 2013)
- **Dry Ranch Solar Project, Silverado Power, Los Angeles County, CA.** Principal. Dr. Bischoff managed this 64-acre solar project near Lancaster, which included a record search, field survey, and cultural report to meet CEQA compliance. This project included coordination with Southern California Edison for a gen-tie line and telecom attachments. (March - April 2013)
- **Plainview Solar Project, Silverado Power, Los Angeles County, CA.** Principal. Dr. Bischoff managed this 114-acre solar project near Lancaster, which included a record search, field survey, and cultural report to meet CEQA compliance. (April - May 2013)
- **Silverleaf Solar Project, Cultural and Paleontological Survey, Agile Energy, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff provided general review and quality control for a large solar project south of San Diego. This project involved an over 2,000-acre survey of proposed solar fields and 5-miles of electrical transmission gen-tie lines. The Bureau of Land Management was the principal federal agency. (November 2011 - July 2012)
- **Desert Harvest Solar Project, Built Environment Survey, eneXco Energy, Riverside County, CA.** Project Manager. Dr. Bischoff was the project manager for the built environment survey of 1,600-acre solar field and 12-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of significance, and an indirect effects analysis. (November 2011 - June 2012)
- **Silverleaf Solar Project, Built Environment Survey, Agile Energy, Imperial County, CA.** Project Manager. Dr. Bischoff was the project manager for the built environment survey of 2,000-acre solar field and 5-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of significance, and an indirect effects analysis. (November 2011 - July 2012)
- **IVSC2 Solar Project, County of Imperial, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff provided oversight of the 140-acre solar project east of the Salton Sea. This project was notable for the quick response time required to field a survey crew and complete a draft report for the County. (Sept-Oct 2012)
- **Tehachapi Renewable Transmission Project (TRTP), Southern California Edison, Kern, Los Angeles, and San Bernardino Counties, CA.** Principal and Project Manager. Dr. Bischoff was responsible for all office and field operations that ensured the successful inventory and management of cultural resources related to this 300-mile transmission line project, including the management of standing historical structures and paleontological resources. He managed an annual budget in excess of \$4 million, a staff of up to 40 persons, wrote compliance documents (Programmatic Agreement Appendices, ARPA permits, Project Agency Yearly Reports, and Management Plans), and managed

hazmat situations. Dr. Bischoff completed over 150 individual projects in southern California including survey, evaluation, mitigation, and resource monitoring. (November 2009 - June 2011)

- **East Kern Wind Resource Area (EKWRA) Power Pole Replacement Project, Southern California Edison, Kern County, CA.** Principal and Project Manager. Dr. Bischoff managed original technical studies for a project designed to replace hundreds of power poles in the Tehachapi Mountains area in support of new wind farm construction. He conducted large area surveys, some on BLM properties, and developed a management plan for dozens of archaeological sites. Bureau of Land Management was the principal federal agency. (February 2010 - June 2011)
- **Operations and Maintenance Contract, Southern California Edison. Southern California.** I acted as the Principal for all work orders issued to our office under the O/M contract. A major task under this contract was the response to the Crown Fire in 2010. I worked directly with SCE during and immediately after the fire to evaluate and protect cultural resources. (Jan 2010 - June 2011)

Telecommunication Projects

- **AT&T Fiber-optics Renewal Project, Evaluations, Mitigations, and Monitoring, AT&T, San Bernardino County, CA.** Cultural Principal and Project Manager. Dr. Bischoff will provide project management, technical writing, and quality control for the cultural and paleontological evaluations, data recoveries, and monitoring efforts for the AT&T fiber renewal project. This project involved the survey of over 90 miles of proposed new fiber-optic line between Barstow and Las Vegas, NV, and the management of over 100-cultural sites. Bureau of Land Management and Mojave National Preserve were the principal federal agencies. (July 2013 – October)
- **San Diego Churches and Public Building Historic Structure Evaluations, DePratti Inc., City of San Diego, CA.** Principal Investigator. Dr. Bischoff acted as Principal and QA/QC manager for this project, which involved the evaluation of dozens of historic structures as part of the DePratti Communication telecommunication attachment project in the City of San Diego. (November 2011 – October 2013)
- **AT&T Fiber-optics Renewal Project, Surveys, Literature Searches, and Technical Studies, AT&T, San Bernardino County, CA.** Cultural Principal and Project Manager. Dr. Bischoff provided general project management and quality control for the cultural, paleontological, and ethnographic surveys, literature searches, and technical studies. This project involved the survey of over 90 miles of proposed new fiber-optic line between Barstow and Las Vegas, NV, and the management of over 100-cultural sites. Bureau of Land Management and Mojave National Preserve were the principal federal agencies. (April 2012 – July 2013)
- **Digital 395 Broadband Stimulus Project, Praxis and California Broadband Corporation, California and Nevada.** Cultural Director. Dr. Bischoff acted as the California report manager of the cultural division, directed fieldwork, and authored management documents and reports. This project involved the new installation of over 650 miles of fiber-optic line across California and Nevada. The programmatic agreement of this complex project included 10 federal, state, and tribal agencies, with another seven acting as interested parties, and the management, evaluation, and monitoring of over 170 cultural sites. NTIAA was the principal federal agency, but also involved twelve other California and Nevada state and federal agencies and Tribal Groups. (November 2011 – April 2012)

Defense Projects

- **Edwards Airforce Base Telecommunication Cultural Monitoring, Team Fischel Company, Edwards AFB, Kern County, CA.** Project Manager and Principal for the cultural monitoring of 40-miles of telecommunication trenching on Edwards AFB, including pre-construction meetings and a final monitoring report. (May 2013 – Sept. 2013)
- **Fort Irwin Cell Tower Surveys and Monitoring, Northrop-Grumman and Fort Irwin Army Post, San Bernardino County, CA.** Principal. This project involves the cultural and paleo survey of over 24 new cell tower locations and associated access roads on Fort Irwin, as well as construction phase monitoring. (April 2013 – October 2013)
- **Marine Corps Base, Camp Pendleton, Cultural Resources Consultation, Marine Corps Base, Pendleton, San Diego County, CA.** On-Call Senior Cultural Resources Consultant. Dr. Bischoff provided senior-level cultural resource consultation related to Camp Pendleton’s Basewide Utilities Infrastructure Improvements project. He provided consulting on cultural resource management for several waste treatment and utility line systems as part of the Camp’s “Grow the Force” initiative. (2011 – October 2013)

Water Projects

- **Pacoima Spreading Grounds Improvement Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record search and CEQA cultural section mitigation measures of an EIR for the improvement of the Pacoima spreading grounds and related canal resources. (April 2013 – October 2013)
- **Devil’s Gate Reservoir Sediment Removal and Management Project, LACDPW, Los Angeles County, CA.** Principal of Cultural Resources. This project involved removal of sediment within the Devil’s Gate Reservoir area, which required a preliminary cultural survey and record search under CEQA, as well as an EIR. Dr. Bischoff served as the cultural principal for the project and provided a recommended plan for dealing with sedimentary soils vs. native soils, monitoring criteria, and potential discovery situations. Dr. Bischoff helped write Environmental Impact Report sections, and worked with the Gabrieliño Tribal Group in the protection of archaeological and tribal cultural resources. (2011 – October 2013)
- **Peck Road Spreading Basin Improvement Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record searches, field survey, paleontological survey, and CEQA cultural section mitigation measures of an MND for the improvement of the Peck Road Spreading Basin, including a related new water discharge pipe. (June 2013 – September 2013)
- **Marina Del Rey Waterline Replacement Project Cultural Monitoring, LACDPW, Los Angeles County, CA.** Cultural Principal. This project with the Los Angeles Department of Public Works involved the cultural monitoring for the Marina Del Rey 18-inch Waterline Replacement. Chambers Group also provided a qualified archaeological monitor at the project site during excavation activities during construction. (March - May 2013)
- **Dieguito Wetlands Restoration Monitoring, Southern California Edison, Del Mar, San Diego County, CA.** Principal Investigator and Project Manager. This project involved the extensive rehabilitation of Southern California Edison property as part of the Dieguito Wetlands Restoration project. (April 2012 - January 2013)

- **Los Penasquitos Wetlands Monitoring, AMEC, Del Mar, San Diego County, CA.** Principal Investigator. Dr. Bischoff managed the monitoring tasks, budgets, and professional standards for this project near the City of Del Mar as part of the Torrey Pines State Nature Reserve restoration. (October - December 2012)
- **San Geronio Creek Water Recharge Basin Construction Monitoring, Beaumont Cherry Valley Water District, Cherry Valley, Riverside County, CA.** Principal and Project Manager. This project involved paleontological and archaeological construction monitoring during construction, including emergency evaluation and monitoring when early 19th Century structures and materials were unexpectedly encountered during earth moving. (February 2012 – April 2012)
- **Penmar Golf Course Water Quality Improvement Project, Pacific Hydrotech and City of Santa Monica, Santa Monica, CA.** Principal Investigator. Dr. Bischoff managed QA/QC review, budgets, and professional standards for the project in the City of Venice. Penmar was a multi-year waterline and tank improvement project in which evidence of ethnic Japanese barrios and fossil Pleistocene animal bones were discovered. (November 2011 - November 2012)
- **Oxford Retention Basin Flood Protection Project, LACDPW, Los Angeles County, CA.** Principal and Project Manager. The Oxford Basin in Marina Del Rey was receiving enhancement, and Dr. Bischoff managed the completion of the cultural survey, literature review, and construction monitoring for the project. (2011 - 2012)
- **San Jose Salt Barge HAER Documentation Project, USACE and Santa Clara Valley Water District, City of San Jose, CA.** Principal. Dr. Bischoff consulted on the excavation and evaluation of a shallow-water shipwreck discovered during a wetlands rehabilitation project. This project involved USACE, San Francisco District as lead agency and the Water District as client. (January – February 2011)

Public Works Projects

- **Oakwood Schools Built Environment and Archaeological Assessment.** Principal and Project Manager for the Phase I built environment and archaeological assessment of the project property prior to the construction of a new middle and high school campus. Challenging tasks were assessing indirect effects of the project on an adjacent historic district, and addressing a modern human cremation garden in the report. (November 2015 – February 2016)
- **CEQA Services for Improvements to Polytechnic and Wilson High Schools, LBUSD, City of Long Beach, CA.** Cultural Principal. Dr. Bischoff provided oversight and incorporation of the historic architecture technical reports into the project CEQA documents. (June 2013 – August 2013)
- **Mill Creek Crew Room Cultural Monitoring, Angeles National Forest (ANF), Los Angeles County, CA.** The County of Los Angeles Department of Public Works proposed to replace the crew room building within the Angeles Forest Mill Creek Summit Maintenance Yard facility. This CEQA/NHPA project involved the preparation of a treatment and discovery plan document, ARPA permitting, constant consultation with the ANF, construction monitoring, and a final monitoring report. (April – July 2013)
- **Roosevelt School, LBUSD, City of Long Beach, CA.** Cultural Principal. Dr. Bischoff provided oversight, authorship, and counsel on the EIR for the demolition of the Roosevelt Elementary School in Long Beach. This proved to be a complex project, involving an historic built environment resource evaluation and mitigation plan, legal investigation, and extensive responses to public comments. This process resulted in a HABS/HAER mitigation project. (November 2011 - June 2012)

Transportation Projects

- **Foothill Toll Road Cultural and Paleontological Monitoring, Ghiradelli and Associates, Orange County, CA.** Principal and Project Manager for cultural monitoring related to the upgrade of all toll road payment stations in Orange County. (October 2013 – October 2013)
- **9th Street Extension Historic Structure Inventory and Evaluation, City of Holtville, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff managed and provided QA/QC for this project involving a Caltrans inventory of project APE historic built environment resources, and the historic evaluation of a canal feature. Final deliverables included a Historic Resources Evaluation Report and a Historic Property Survey Report to CALTRANS standards. (June 2013 – August 2013)
- **Francisquito Bridges Replacement (3-Total), LADWP/CALTRANS, Los Angeles County, CA.** Principal. Dr. Bischoff managed and oversaw the completion of this project in the Angeles Forest. This project involved the replacement of three existing bridges on San Francisquito Canyon Road over San Francisquito Canyon Creek. The proposed improvement project involved widening the two lane bridges, improvement of approachment roadway, and the placement and installation of retaining walls, concrete barriers with tubular-steel handrails, and metal beam guardrails. (2011 – September 2013)
- **Murrieta Whitewood Road Extension, City of Murrieta, Riverside County, CA.** Principal and Project Manager. This road extension project involved a cultural resource survey and records search, a paleontological field study, and Native American Consultation due to the historic use of the nearby Murrieta Hot Springs by local Native Americans. (April – June 2012)



Phase I Environmental Site Assessment

215 and 221 Palm Street and
534 Santa Clara Street
Fillmore, California

prepared for
People's Self Help Housing
3533 Empleo Street
San Luis Obispo, California 93401

prepared by
Rincon Consultants, Inc.
180 N Ashwood Avenue
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November 13, 2017



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November 13, 2017
Project 17-05056

Rigoberto Guzman
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People's Self Help Housing
3533 Empleo Street
San Luis Obispo, CA 93401
Via email: rigobertog@pshhc.org

**Subject: Phase I Environmental Site Assessment
215-221 Palm Street & 534 Santa Clara Street
Fillmore, California**

Dear Mr. Guzman:

This report presents the findings of a Phase I Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. for the property located at 215-221 Palm Street and 534 Santa Clara Street in Fillmore, California. The Phase I ESA was performed in accordance with our proposal and contract dated October 11, 2017.

The accompanying report presents our findings and provides an opinion regarding the presence of recognized environmental conditions. Our work program for this project, as referenced in our contract, is intended to meet the guidelines outlined in the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* (ASTM Standard E-1527-13). Our scope of services, pursuant to ASTM practice, did not include any inquiries with respect to asbestos, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, vapor intrusion or other indoor air quality, mold, or high voltage power lines.

Thank you for selecting Rincon for this project. If you have any questions, or if we can be of any future assistance, please contact us.

Sincerely,

RINCON CONSULTANTS, INC.


Sarah A. Larese
Senior Environmental Scientist


Walt Hamann, PG, CEG, CHG
Vice President, Environmental Services

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- Appendix A Interview Documentation
- Appendix B Regulatory Records Documentation
- Appendix C Historical Research Documentation



Executive Summary

This report presents the findings of a Phase I Environmental Site Assessment (ESA) for the property located at 215-221 Palm Street and 534 Santa Clara Street in Fillmore, California (Figure 1, Vicinity Map). The Phase I ESA was performed for People's Self Help Housing by Rincon Consultants, Inc. (Rincon). People's Self Help Housing has requested this assessment and will use the information for the purposes of purchasing the subject property. The subject property is comprised of multiple parcels:

- 215 Palm Street (APNs 053-0-093-035, 053-0-093-040, and 053-0-093-020) is developed with an existing commercial use block building with a small residence on the second floor.
- 221 Palm Street (APN 053-0-093-010) is developed with an existing residence and detached garage. The residence is currently occupied.
- 534 Santa Clara Street (APN 053-0-093-160) is vacant land (undeveloped concrete) and was formerly developed with a gasoline service station and other commercial businesses.

Rincon performed a reconnaissance of the subject property on October 23, 2017. The purpose of the reconnaissance was to observe existing conditions and to obtain information indicating the presence of recognized environmental conditions in connection with the subject property.

During the site reconnaissance, in-ground automotive hoists indicative of automotive repair were observed at the undeveloped concrete area on the northern portion of the subject property as well as within the commercial building on the southern portion of the subject property (215 Palm Street). There is the potential for PCBs to have been present in the hydraulic oil and may have leaked into the surrounding soil. Several 5-gallon paint containers were observed in the commercial building on the southern portion of the subject property (215 Palm Street). In addition, a painted sign indicated waste oil was also observed.

Adjacent properties to the north include a bus stop and Fillmore Senior Center, to the east are residences and commercial businesses, including a restaurant and an automotive repair shop, to the south is a commercial shopping center, and to the west are commercial businesses including retail stores, residences, vacant land and an energy storage building.

Environmental Data Resources, Inc. (EDR) was contracted to provide a database search of public lists of sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The EDR search was conducted for the subject property and included data from surrounding sites within a specified radius of the property.

The subject property was listed in the following databases searched by EDR:

Fillmore Rentals/Auto Service – 215 Palm Street: This subject property address was listed in the Ventura Co. BWT, HAZNET, and EDR Historic Auto Station databases. The site is listed as Auto Service Center/General Automotive Repair Shops in 1994 and 1995. According to historic city directories reviewed, the site is listed as "Used Car Department" from 1964 through 1985 and Richards Pontiac Buick GM in 1986.

Hal Phillips Pontiac GMC Inc./553 Ventura County Environmental Health/Hatton's Pontiac Buick GMC – 534 Santa Clara Street: This subject property address was listed in the LUST, HIST CORTESE, RGA LUST, HAZNET, FINDS, EDR Historic Auto Station, SWEEPS UST, CA FID UST, and UST databases. The Historic Auto Station database and historic city directories list the site as auto repair, new and



used car dealers, and gasoline service stations from 1930 through 1985. According to documents reviewed on GeoTracker and included in Appendix B, a release of gasoline was reported at the site in 1989 that affected groundwater. Two gasoline tanks and one waste oil tank were removed from the site in 1989; hydrocarbons and elevated lead were detected in soil and hydrocarbons in groundwater. The site underwent soil vapor extraction from 2001 through 2004, and was granted closure in June 2010.

JA Rich – 538 Santa Clara Street: This subject property address was listed in the Historic Auto Station database as an automobile repair in 1930.

Grimaldo Enterprises – 233 Palm Street: This subject property address was listed in the FINDS database.

Jones Bros – 543 Ventura Street: This subject property address was listed in the Historic Auto Station database as a used automobile dealer in 1961.

The southern adjacent property was listed in databases searched by EDR:

Crown Dodge/Chriss Detail Shop/Balden Ranch Co Inc. – 502 Ventura Street: This site, located approximately 350-feet east-southeast of the subject property (across Ventura Street /Highway 126), is listed in the LUST, VENTURA CO BWT, HIST CORTESE, EDR Historic Auto Station, UST, SWEEPS UST, CA FID UST, RCRA-SQG, FINDS, and ECHO databases. This property address was listed in the Historic Auto Station database and historic city directory as an automotive repair shop from 1970 through 2011. The property is listed on the LUST database due to a release of waste oil that was reported to soil in 1992. A groundwater sample collected and analyzed at the Crown Dodge site did not have any detected concentrations of benzene, toluene, ethylbenzene and xylenes (BTEX) or total recoverable petroleum hydrocarbon (TRPH). The site underwent remediation in 1997, and the case was granted closure that year. Based on the soils only medium affected and the case closure, the release at this nearby Crown Dodge site is not expected to impact the subject property.

Six properties were identified as nearby release sites, based on information provided in the EDR database report. None of the nearby release sites are expected to impact the subject property.

Historical sources reviewed as part of the Phase I ESA include aerial photographs and topographic maps. The photos and maps reviewed indicate the subject property was in residential use from at least 1911 through 1923. By 1929, the properties along W Santa Clara Street were redeveloped into a vulcanizing facility, tire storage, auto repair and a fruit store. Vulcanizing is a chemical process for converting rubber into more durable materials by the addition of sulfur or other equivalent curatives or accelerators. The southern properties remain in residential use. By 1939, the vulcanizing facility has added a gas station. By 1953, the southern portion of the subject property has been redeveloped into a commercial structure and associated parking lot, and is redeveloped again by 1978. City directories list the site as various residential and commercial listings, which are summarized in Table 3.

Based on the findings of this Phase I ESA, it is our opinion that there are 3 Recognized Environmental Conditions (RECs), 1 Controlled Recognized Environmental Condition (CREC), and 1 potential REC in connection with the subject property as follows:

Recognized Environmental Conditions

1. Residual lead impacted soil remaining at the subject property
2. Former onsite auto repair including the presence of existing in-ground automotive hoists
3. Former onsite vulcanizing facility



Controlled Recognized Environmental Conditions

1. Closed Leaking UST case associated with the former onsite gasoline station at 534 Santa Clara Street

Potential Recognized Environmental Conditions

1. Multiple adjacent and nearby former auto stations and a former laundry facility and a clothes presser

We recommend a soil management plan be created and implemented prior to redevelopment of the site for proper handling and disposing the lead impacted soil located beneath the former dispenser island.

To evaluate the impacts from the former use of the subject property auto repair and the presence of in-ground hoists, as well as the former vulcanizing facility, we recommend a subsurface investigation in the vicinity of the former auto repair parcels and near the in-ground hoists, and in the vicinity of the former vulcanizing facility.

To evaluate the potential impacts from the adjacent former auto repairs and cleaners, we recommend a soil vapor assessment along the northwestern and southern portions of the subject property.

Although not considered an REC, based on the age of the onsite structures (215 Palm Street constructed by 1939 and 239 Palm Street constructed by 1969), asbestos-containing materials and lead-based paint may be present on the subject property. Therefore, Rincon recommends conducting an asbestos-containing building materials and lead-based paint survey at the subject property.



Introduction

This report presents the findings of a Phase I ESA conducted for the property located at 215-221 Palm Street and 534 Santa Clara Street in Fillmore, California (Figure 1, Vicinity Map). The Phase I ESA was performed by Rincon Consultants, Inc. (Rincon) for People's Self Help Housing in general conformance with ASTM E 1527-13, our proposal and contract dated October 11, 2017. The following sections present our findings and provide our opinion as to the presence of recognized environmental conditions on the subject property.

Purpose

People's Self Help Housing has requested this assessment and will use the information for the purposes of purchasing the subject property. The purpose of this Phase I ESA was to determine if there are recognized environmental conditions on the subject property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

A recognized environmental condition (REC) is defined pursuant to ASTM E 1527-13 as,

“the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment; 3) under conditions that pose a material threat of a future release to the environment”.

A Controlled REC is defined pursuant to ASTM E 1527-13 as,

“a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report”.

A Historical REC is defined pursuant to ASTM E 1527-13 as,

“a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by regulatory authority, without subjecting the property to any required controls (for example, use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in



the regulatory criteria). If the EP [Environmental Professional] considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition”.

A *de minimis* condition is defined pursuant to ASTM E 1527-13 as,

“a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* conditions are not recognized environmental conditions nor controlled recognized environmental conditions”.

Scope of Services

The scope of services conducted during this study is outlined below:

- Performed a reconnaissance of the subject property to identify obvious indicators of the existence of hazardous materials.
- Observed adjacent or nearby properties from public thoroughfares in an attempt to see if such properties are likely to use, store, generate, or dispose of hazardous materials.
- Obtained and reviewed an environmental records database search to obtain information about the potential for hazardous materials to exist at the subject property or at properties located in the vicinity of the subject property.
- Reviewed files for the subject property and immediately adjacent properties as identified in the database report, as applicable.
- Reviewed the current U.S. Geological Survey (USGS) topographic map to obtain information about the subject property and regional topography and uses of the subject property and surrounding sites.
- Reviewed additional pertinent record sources (e.g., California Division of Oil and Gas records, online databases of hazardous substance release sites), as necessary, to identify the presence of RECs at the subject property.
- Reviewed reasonably ascertainable historical resources (e.g., aerial photographs, topographic maps, fire insurance maps, city directories) to assess the historical land use of the subject property and adjacent properties.
- Provided a user interview questionnaire to a representative of the client, the user of the Phase I ESA.
- Provided a property owner interview questionnaire to the property owner or a designated subject property representative identified to Rincon by the client.
- Conducted interviews with other property representatives (e.g., key site manager, occupants), as applicable.
- Reviewed available client-provided information (e.g., previous environmental reports, title documentation).



Significant Assumptions, Limitations, Deviations, Exceptions, Special Terms, and Conditions

This work is intended to adhere to good commercial, customary, and generally accepted environmental investigation practices for similar investigations conducted at this time and in this geographic area. No guarantee or warranties, expressed or implied are provided. The findings and opinions conveyed in this report are based on findings derived from a site reconnaissance, review of an environmental database report, specified regulatory records and historical sources, and comments made by interviewees. This report is not intended as a comprehensive site characterization and should not be construed as such. Standard data sources relied upon during the completion of Phase I ESAs may vary with regard to accuracy and completeness. Although Rincon believes the data sources are reasonably reliable, Rincon cannot and does not guarantee the authenticity or reliability of the data sources it has used. Additionally, pursuant to our contract, the data sources reviewed included only those that are practically reviewable without the need for extraordinary research.

Rincon has identified evidence that suggests that hazardous materials or petroleum products exist at the site at levels that could require mitigation. Additional research, including surface or subsurface sampling and analysis, can reduce People's Self Help Housing's risks, but no techniques commonly employed can eliminate these risks altogether.

In addition, pursuant to ASTM E 1527-13 practice, our scope of services did not include any inquiries with respect to asbestos containing building materials, biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to release of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, wetlands, or high voltage power lines.

User Reliance

People's Self Help Housing has requested this assessment and will use the information for the purposes of purchasing or acquiring the subject property. This Phase I ESA was prepared for use solely and exclusively by People's Self Help Housing, potential investors and loan lenders. No other use or disclosure is intended or authorized by Rincon. Also, this report is issued with the understanding that it is to be used only in its entirety. It is intended for use only by the client, and no other person or entity may rely upon the report without the express written consent of Rincon.

Site Description

Location

The subject property consists of five parcels, approximately 1.5-acres, located west and south of Palm Street and Santa Clara Street in Fillmore, California (Figure 2, Site Map). The property is identified as Assessor's Parcel Numbers (APN) 053-0-093-010, -020, -035, -040 and -160.



Subject Property and Vicinity General Characteristics

The current uses at the subject property include undeveloped concrete areas, vehicle storage, an occupied residence (221 Palm Street), and a commercial building with a residence on the second floor (currently vacant; 215 Palm Street).

The subject property is located in an area that is primarily comprised of residential and commercial land uses. Adjacent businesses include restaurants, retail stores, an automotive repair shop, the Fillmore Senior Center, a vehicle storage area, residences, an energy storage building, and a bus stop. The current adjacent land uses are described in Table 1 and depicted on Figure 3, Adjacent Land Use Map.

Table 1 Current Uses of Adjacent Properties

Area	Use
Northern Properties	Santa Clara Avenue followed by a bus stop and Fillmore Senior Center
Eastern Properties	Palm Street followed by residences and commercial businesses including a restaurant and an automotive repair shop
Southern Properties	West Ventura Street (Highway 126) followed by a commercial shopping center
Western Properties	Commercial businesses including retail stores, residences, vacant land, and an energy storage building.

Descriptions of Structures, Roads, Other Improvements on the Site

215 Palm Street (APN's 053-0-093-035, 053-0-093-040, and 053-0-093-020) is developed with an existing commercial use block building with a small residence on the second floor.

221 Palm Street (APN 053-0-093-010) is developed with an existing residence and detached garage. The residence is currently occupied.

534 Santa Clara Street (APN 053-0-093-160) is vacant land (undeveloped concrete) and was formerly developed with a gasoline service station and other commercial businesses.

A chain-link fence was noted around the perimeter of the subject property. Access to the subject property is available from driveways on Palm Street.

The following utility providers service the subject property:

- Electrical Service – Edison
- Natural Gas –Southern California Gas Company
- Water Service – City of Fillmore
- Sewer – City of Fillmore
- Solid Waste – City of Fillmore



User-Provided Information

As described in ASTM E 1527-13 Section 6, People's Self Help Housing was interviewed for actual knowledge pertaining to the subject property to help identify recognized environmental conditions. James Shammass, Real Estate Acquisition Manager with People's Self Help Housing, completed the User Questionnaire as provided by ASTM Appendix X3 prior to completion of the site reconnaissance. A copy of the completed questionnaire is included as Appendix A.

Based on our review of the completed questionnaire, the user did not review the following sources of information and is unaware of information regarding the following:

- Recorded land title records (or judicial records, where appropriate) that identify any environmental liens filed or recorded against the subject property
- Recorded land title records (or judicial records, where appropriate) that identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the subject property under federal, tribal, state or local law
- Title Report that identifies information pertaining to environmental cleanup liens or AULs for the subject property

Based on our review of the completed questionnaire, the user is unaware of information regarding the following:

- Specialized knowledge or experience related to the subject property or nearby properties
- Commonly known or reasonably ascertainable information about the subject property that would help the environmental professional to identify conditions indicative of releases or threatened releases
- Obvious indicators that point to the presence or likely presence of releases at the subject property
- Pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the subject property
- Pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property
- Notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products

Additionally, the user indicated that the purchase price being paid for the subject property reasonably reflects the fair market value of the property, and he is not aware of a reduction in value for the subject property relative to any known environmental issues.



Based on our review of the completed questionnaire, the user identified information pertaining to the subject property that may help identify recognized environmental conditions in connection with the subject property. This information is summarized below:

- The property was previously used as a car dealership and gas station
- There were two fuel tanks present on the property but they have since been removed
- Hydrocarbons and lead were detected in the soil. Pertinent documents were provided and are summarized below.

The following documents regarding the subject property were provided by People's Self Help Housing.

- *Low-Risk Case Closure Recommendation – Hal Phillips, Inc., 534 Santa Clara Street, Fillmore, California, October 6, 2009.* This document, prepared by Ventura County Environmental Health Division (EHD), indicates one 8,000-gallon underground storage tank (UST), one 10,000-gallon UST, and one 500-gallon UST were removed from the site in 1989. From 1994 through 1998, 22 soil borings, seven groundwater monitoring wells, and one soil vapor extraction well were installed at the property. Groundwater monitoring indicated low levels of BTEX (not exceeding 3 µg/L) and TPH-D at a maximum concentration of 651 µg/L remained in groundwater. Soil vapor extraction (SVE) was performed from 2001 through 2004 and removed 5,200 pounds of hydrocarbons. SVE remediation was determined to be effective based on verification soil and groundwater samples collected in 2005 and 2006. Lead impacted soil was assessed and determined to be localized beneath the former dispenser island and waste-oil UST area. Lead was detected at concentrations between 131 mg/kg to 1,390 mg/kg. STLC analysis did not exceed 5 mg/L, with the exception of lead detected beneath the dispenser island, which was detected at 131 mg/L in 1994. Verification soil samples collected in 2005 and 2006 showed decreased concentrations of lead. A health risk assessment was conducted for the site using all exposure pathways and using residential parameters. The groundwater pathway was calculated at a maximum carcinogenic risk of 7.1×10^{-8} , and the indoor air exposure pathway was calculated at a maximum hazard index, the non-carcinogenic toxic effect, of 0.75. Both results are acceptable and below the health risk target goals of 1.0×10^{-6} and 1.0, respectively. Therefore, EHD concluded the site had been adequately assessed and remediated, and that residual lead-impacted soil should be considered during grading activities if the site is to be redeveloped.
- *Remedial Action Completion Certificate - Hal Phillips, Inc., 534 Santa Clara Street, Fillmore, California, June 11, 2010.* This document, prepared by Ventura County EHD, confirms case closure at the property.



Records Review

Physical Setting Sources

Topography

The current USGS topographic map (Fillmore Quadrangle, 1995) indicates that the subject property is situated at an elevation of about 460 feet above mean sea level with topography gradually sloping down to the southwest. The adjacent topography is fairly consistent with the subject property. To the northeast, topography rises steeply into the Los Padres National Forest.

Geology and Hydrogeology

The project site is located within the Transverse Ranges Geomorphic Province which is characterized by east-west trending structural features in contrast to the dominant northwest-southeast structural trend of California.

Site Geology

According to the California Geological Survey, *Geologic Map of the Fillmore Quadrangle (1990)*, the subject property is underlain by Quaternary age alluvium, described as unconsolidated floodplain deposits of silt, sand, and gravel.

Regional Groundwater Occurrence and Quality

According to the *2012 Groundwater Section Annual Report*, prepared by the Ventura County Watershed Protection District Water & Environmental Resources Division, the subject property is located within the Fillmore groundwater basin. This report indicates that this basin has a total aquifer thickness of almost 8,000 feet in some areas

Based on a review of the *Low-Risk Case Closure Recommendation – Hal Phillips, Inc., 534 Santa Clara Street, Fillmore, California*, dated October 6, 2009 and prepared by Ventura County EHD for the subject property, depth to groundwater in onsite monitoring wells was measured between 40 and 56 feet below grade, and groundwater flows to the northwest.

With regards to groundwater flow direction in the Fillmore area, it can be assumed that groundwater would flow to the south-southwest of the subject property towards the Santa Clara River.

Standard Environmental Record Sources

EDR was contracted to provide a database search of public lists of sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The EDR search was conducted for the subject property and included data from surrounding sites within specified radii of the property. A copy of the EDR report, which specifies the ASTM search distance for each public list, is included as Appendix B. As shown on the attached EDR report, federal, state and county lists were reviewed as part of the research effort. Please refer to Appendix B for a complete listing of sites reported by EDR and a description of the databases reviewed.



The Map Findings Summary, included in the EDR report, provides a summary of the databases searched, the number of reported facilities within the search radii, and whether the facility is located onsite or adjacent to the subject property. The following information is based on our review of the Map Findings Summary and the information contained in the EDR report.

Subject Property

The subject property was listed on the following databases:

- Ventura Co. BWT, HAZNET, and EDR Historic Auto Station database as Fillmore Rentals/Auto Service Center at 215 Palm Street
- LUST, HIST CORTESE, RGA LUST, HAZNET, FINDS, EDR Historic Auto Station, SWEEPS UST, CA FID UST, and UST database as Hal Phillips Pontiac GMC Inc./ 553 Ventura County Environmental Health/ Hatton's Pontiac Buick GMC at 534 Santa Clara Street
- EDR Historic Auto Station database as JA Rich at 538 Santa Clara Street
- FINDS database as Grimaldo Enterprises at 233 Palm Street
- EDR Historic Auto Station as Jones Bros at 543 Ventura Street

Regulatory agency files reviewed for the subject property are discussed in the Additional Environmental Record Sources section of this report.

Offsite Properties

Offsite properties listed by EDR fall under two general categories of databases: those reporting unauthorized releases of hazardous substances (e.g., LUST, National Priority List [a.k.a. Superfund sites], and corrective action facilities), and databases of businesses permitted to use hazardous materials or generate hazardous wastes, for which an unauthorized release has not been reported to a regulatory agency.

Rincon reviewed the EDR Radius Map and select detailed listings to evaluate their potential to impact the subject property, based on the following factors:

- Reported distance of the facility from the subject property
- The nature of the database on which the facility is listed, and/or whether the facility was listed on a database reporting unauthorized releases of hazardous materials, petroleum products, or hazardous wastes
- Reported case type (e.g., soil only, failed UST test only)
- Reported substance released (e.g., chlorinated solvents, gasoline, metals)
- Reported regulatory agency status (e.g., case closed, "no further action")
- Location of the facility with respect to the reported groundwater flow direction (discussed in the Geology and Hydrogeology section of this report)

Facilities/properties that were interpreted by Rincon to be of potential environmental concern to the subject property, based on one or more of the factors listed above, are summarized in Table 2. In accordance with ASTM, contamination migration pathways in soil, groundwater, and soil vapor were considered in our analysis of offsite properties of potential environmental concern.



Table 2 EDR Listing Summary of Select Sites Within One- Eighth Mile of the Subject Site

Site Name	EDR Site ID	Site Address	Distance from Subject Property (miles)	Database Reference
Subject Property				
Fillmore Rentals/ Auto Service Center	A1, A2	215 Palm Street	Subject Property	Ventura Co. BWT, HAZNET, EDR Historic Auto Station
Hal Phillips Pontiac GMC Inc./ 553 Ventura County Environmental Health/Hatton's Pontiac Buick GMC	A3-A5, A7-A9, A11-A14	534 Santa Clara Street	Subject Property	LUST, HIST CORTESE, RGA LUST, HAZNET, FINDS, EDR Historic Auto Station, SWEEPS UST, CA FID UST, UST
JA Rich	A6	538 Santa Clara Street	Subject Property	EDR Historic Auto Station
Grimaldo Enterprises	A10	233 Palm Street	Subject Property	FINDS
Jones Bros	A15	543 Ventura Street	Subject Property	EDR Historic Auto Station
Adjacent Properties				
Crown Dodge/ Chriss Detail Shop/ Balden Ranch Co Inc.	C27-C32	502 Ventura Street	Adjacent Property – East-Southeast	LUST, VENTURA CO BWT, HIST CORTESE, EDR Historic Auto Station, UST, SWEEPS UST, CA FID UST, RCRA-SQG, FINDS, ECHO
Upgradient Release Sites				
Harold Balden	A17, C55, O143	"NW X Central Hwy & 126"	Less than 1/8 mile – East-Southeast	UST, LUST, HIST CORTESE



Site Name	EDR Site ID	Site Address	Distance from Subject Property (miles)	Database Reference
William L Morris Chevrolet	B42-B44	508 Santa Clara Street	Less than 1/8 mile – Northeast	RCRA-SQG, LUST, FINDS, ECHO, VENTURA CO BWT, HAZNET, HIST CORTESE, HIST UST, EDR Historic Auto Station
William L Morris Chevrolet/ John Opsahl Company	B46-B48	505 Santa Clara Street	Less than 1/8 mile – Northeast	LUST, EDR Historic Auto Station, UST
Sundance Enterprises/ Milton Ranches/ James F. Davison & G Millard	C65-C67	460 Ventura Street	Less than 1/8 mile – Southeast	UST, LUST, VENTURA CO. BWT, HIST CORTESE, EDR Historic Auto Station
Valley Ford Tractor	G73, G74	449 Ventura Street	Less than 1/8 mile – Southeast	LUST, HIST UST, VENTURA CO BWT, HIST CORTESE, UST, SWEEPS UST
Pacific Coast Pipe Lines	Regional	67 E Telegraph Road	Regional	NPL, SEMS, US ENG CONTROLS, US INST CONTROLS, ROD, PRP, CONSENT

Regulatory agency information reviewed for the listings in the table above are summarized in the Additional Environmental Record Sources section of this report.

Orphan Listings

EDR reported five orphan or unmapped site listings, which EDR is unable to plot due to insufficient address information. Based on Rincon’s review of the limited address information or site descriptions for the orphan listings, four of the listings are not expected to impact the subject property.

Additional Environmental Record Sources

Review of Agency Files

As a follow-up to the database search, Rincon reviewed regulatory information for facilities within the specified search radii that were interpreted to have the potential to impact the subject



property, based on one or more factors previously discussed (e.g., distance, open case status, upgradient location, soil vapor migration).

The following is a summary of our review of regulatory information obtained from review of online sources (e.g., SWRCB GeoTracker database, DTSC EnviroStor database) and/or files requested from the applicable regulatory agency, as described below. Files were reviewed on the Ventura County Environmental Health Division (EHD) website as well. Copies of selected documents reviewed are included in Appendix B.

Subject Property

The subject property was listed in the following databases searched by EDR:

Fillmore Rentals/Auto Service – 215 Palm Street: This subject property address was listed in the Ventura Co. BWT, HAZNET, and EDR Historic Auto Station databases. The site is listed as Auto Service Center/General Automotive Repair Shops in 1994 and 1995. According to historic city directories reviewed, the site is listed as “Used Car Department” from 1964 through 1985 and Richards Pontiac Buick GM in 1986.

Hal Phillips Pontiac GMC Inc./553 Ventura County Environmental Health/Hatton’s Pontiac Buick GMC – 534 Santa Clara Street: This subject property address was listed in the LUST, HIST CORTESE, RGA LUST, HAZNET, FINDS, EDR Historic Auto Station, SWEEPS UST, CA FID UST, and UST databases. The Historic Auto Station database and historic city directories list the site as auto repair, new and used car dealers, and gasoline service stations from 1930 through 1985. According to documents reviewed on GeoTracker and included in Appendix B, a release of gasoline was reported at the site in 1989 that affected groundwater. Two gasoline tanks and one waste oil tank were removed from the site in 1989; hydrocarbons and elevated lead were detected in soil and hydrocarbons in groundwater. The site underwent soil vapor extraction from 2001 through 2004, and was granted closure in June 2010.

JA Rich – 538 Santa Clara Street: This subject property address was listed in the Historic Auto Station database as an automobile repair in 1930.

Grimaldo Enterprises – 233 Palm Street: This subject property address was listed in the FINDS database.

Jones Bros – 543 Ventura Street: This subject property address was listed in the Historic Auto Station database as a used automobile dealer in 1961.

Adjacent Properties

One property, the Harold Balden Ranch Co Inc. site, was plotted by EDR as adjacent to the east of the subject property. However, based on our review of the address, listed as the “SW Corner Central and Ventura Street/Central & HWY 126”, it appears this property is actually located approximately 175-feet southeast of the subject property across HWY 126. Therefore this site is discussed in the Upgradient Release Sites section below.

The southern adjacent property was listed in databases searched by EDR:

Crown Dodge/Chriss Detail Shop/Balden Ranch Co Inc. – 502 Ventura Street: This site, located approximately 350-feet east-southeast of the subject property (across Ventura Street /Highway 126), is listed in the LUST, VENTURA CO BWT, HIST CORTESE, EDR Historic Auto Station, UST, SWEEPS UST, CA FID UST, RCRA-SQG, FINDS, and ECHO databases. This property address was listed



in the Historic Auto Station database and historic city directory as an automotive repair shop from 1970 through 2011. The property is listed on the LUST database due to a release of waste oil that was reported to soil in 1992. A groundwater sample collected and analyzed at the Crown Dodge site did not have any detected concentrations of BTEX or TRPH. The site underwent remediation in 1997, and the case was granted closure that year. Based on the soils only medium affected and the case closure, the release at this nearby Crown Dodge site is not expected to impact the subject property.

Nearby Release Sites

Six properties were identified as nearby release sites, based on information provided in the EDR database report:

- **Harold Balden – NW X Central Hwy & 126:** This site, located approximately 350-feet to the east-southeast of the subject property, is listed on the UST, LUST, and HIST CORTESE databases. The property is listed on the LUST database due to a release of waste oil that was reported to soil in 1990 following a tank removal. The case was granted closure later that year. Based on the soils only nature of the release and the case closure, the release at this nearby site is not expected to impact the subject property.
- **William L Morris Chevrolet – 508 Santa Clara Street:** This site, located approximately 300 feet to the east-northeast of the subject property, is listed on the RCRA-SQG, LUST, FINDS, ECHO, VENTURA CO BWT, HAZNET, HIST CORTESE, HIST UST, and EDR Historic Auto Station databases. This property address was listed in the Historic Auto Station database as John Opsahl Company, an automobile repair facility, in 1926. Historic city directories also list the site as William L Morris Chevrolet and Oldsmobile in 1980. The property is listed on the LUST database due to a release of gasoline that was reported to soil in 1987. According to documents reviewed on GeoTracker and Ventura County EHD website, the release was discovered during removal of two USTs. Additional USTs remained onsite. The site underwent remediation in 1990 and was granted closure later that year. Additional files reviewed on the Ventura County EHD website indicated the impacted soil was excavated and aerated with a reactive organic compound (ROC) and disposed. Based on the soils only nature of the release and the case closure, the release at this nearby site is not expected to impact the subject property.
- **William L Morris Chevrolet/ John Opsahl Company – 505 Santa Clara Street:** This site, located approximately 300 feet to the northeast of the subject property, is listed on the LUST, EDR Historic Auto Station, and UST databases. This property address was listed in the Historic Auto Station database and historic city directory listings as John Opsahl Company automobile repair in 1926 and Rudkin Motor Service gas and oil station and automobile repair from 1940 through 1978. The property is listed on the LUST database due to a release of diesel that was reported to soil in 2004. According to the Case Closure Summary dated April 2006, one diesel UST and one gasoline UST were removed from the property in 2004. Contaminated soil was excavated and disposed, and the case was granted closure in 2006. Based on the soils only medium affected and the case closure, the release at this nearby site is not expected to impact the subject property.
- **Sundance Enterprises/ Milton Ranches/ James F. Davison & G Millard – 460 Ventura Street:** This site, located approximately 450-feet southeast of the subject property, is listed in the UST, LUST, VENTURA CO. BWT, HIST CORTESE, and the EDR Historic Auto Station databases. This property address was listed in the Historic Auto Station database and historic city directory as an automotive repair shop and gasoline station from 1957 through 2014. The property is listed



on the LUST database due to a release of waste oil that was reported to soil in 1989. The case underwent remediation in 1995, and was granted closure in 1996. Groundwater samples collected and analyzed at the site did not have any detected concentrations of TRPH or lead. Based on the documents reviewed, the release at this nearby site is not expected to impact the subject property.

- **Valley Ford Tractor – 449 Ventura Street:** This site, located approximately 575-feet east of the subject property is listed in the LUST, HIST UST, VENTURA CO BWT, HIST CORTESE, UST, and SWEEPS UST databases. The property is listed on the LUST database due to a release of waste oil that was reported to soil in 1994. Contaminated soil was removed during the tank excavation, and confirmation samples collected in 1997 confirm that contamination had been removed. The case was granted closure in 1999. Based on the soils only medium affected and the case closure, the release at this nearby site is not expected to impact the subject property.
- **Pacific Coast Pipeline/Former Texaco Refinery:** The former Texaco Refinery, now called the Pacific Coast Pipeline (PCPL) Superfund site, is located about 0.6-miles east of the subject property. The following is a summary of the Superfund site based on our review of documents on GeoTracker and Envirostor: *“The 60-acre PCPL site was a former oil refinery that operated from the early 1900s to the early 1950s, when it was shut down and dismantled. A portion of the site is currently used by Equilon Pipeline (formerly Texaco Trading and Transportation, Inc. [TTTI]) as a pumping station for crude oil produced from local oil fields. A groundwater treatment system (GWTS) was operated at the site since about 1993 until October 2002 with oversight from the United States Environmental Protection Agency (USEPA). Benzene is the primary target compound of the GWTS. Since 1993, over 139 million gallons of water have been treated, with removal of approximately 4,883 pounds of total petroleum as gasoline (TPH-g) and 300 pounds of benzene. A vapor extraction system that operated at the site from June 1994 through April 2002 has removed 1,387,229 pounds of total hydrocarbons, including 2,191 pounds of benzene. Forty-two (42) groundwater monitoring wells and/or extraction wells were monitored in 2002 on and adjacent to the PCPL site. Routine groundwater monitoring and sampling has been performed since 1990. Monitoring was performed quarterly through 1997 and semi-annually thereafter. The GWTS and associated monitoring will continue at the site until clean-up goals are met and the USEPA approves closure. The clean-up level established for benzene in groundwater at the Site is 0.001 mg/l. ... Groundwater data collected since the system shut-down in 2002 indicated that the benzene concentrations continue to show seasonal variations, but the trends did not show any dramatic increases, indication that biodegradation may be occurring at the Site. In 2005, a significant rise in the water table resulted in benzene concentrations increases in several wells. However, the downgradient wells (MW-49S for the northern plume and MW-43S for the southern plume) have maintained low benzene concentrations, near or below the cleanup standard of 1 µg/l, suggesting the plumes are not expanding.”* Based on our review of the maps on Envirostor, the benzene-impacted groundwater plume originating from the PCPL site is defined; the edge of northern plume is approximately 0.5-miles northeast of the subject property, while the edge of the southern plume is located approximately 0.4-miles east of the subject property. Based on the documents reviewed, the PCPL site is not expected to be affecting soil or groundwater beneath the subject property.



Review of State of California Division of Oil and Gas Records

A review of the Department of Conservation, Division of Oil, Gas & Geothermal Resources Online Mapping System indicates that no oil wells are located on the subject property or adjacent properties, or within one-quarter mile of the subject property.

Review of National Pipeline Mapping System Records

In addition, a review of the National Pipeline Mapping System (NPMS) online Public Map Viewer¹ indicates that an active crude oil pipeline operated by Crimson Pipeline L.P. runs adjacent to the south of the subject property along Highway 126. No other gas transmission pipelines or hazardous liquid pipelines are located on the subject property or adjacent properties.

Known or Suspect Contaminated Release Sites with Potential Vapor Migration

The EDR report was reviewed to identify nearby known or suspect contaminated sites that have the potential for contaminated vapor originating from the nearby site to be migrating beneath the subject property. Based on the ASTM E 2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, the following minimum search distances were initially used to determine if contaminated soil vapors from a nearby known or suspect contaminated site have the potential to be migrating beneath the subject property:

- 1/10 mile (528 feet) for petroleum hydrocarbons
- 1/3 mile (1,760 feet) for other contaminants of concern (COCs)

If upgradient known or suspect contaminated sites are located within the above referenced distances from the subject property, online resources are reviewed to determine the extent of the contaminated plume at those sites. The following describes search distances for contaminated plumes of petroleum hydrocarbons and other COCs.

Petroleum Hydrocarbons

Based on our review of the EDR report, known releases on the subject property have impacted the site with petroleum hydrocarbon-impacted soil, soil vapor and groundwater. As stated above, according to documents reviewed on GeoTracker and included in Appendix B, a release of gasoline was reported at the 534 Santa Clara Street parcel in 1989 that affected groundwater. Two gasoline tanks and one waste oil tank were removed from the site in 1989; hydrocarbons and elevated lead were detected in soil and hydrocarbons in groundwater. The site underwent soil vapor extraction from 2001 through 2004, and was granted closure in June 2010.

In addition, multiple adjacent properties are listed in the historic auto station database. Based on the nature of gasoline stations, there is the potential that an unidentified release may have occurred at one of the adjacent properties, and for contaminated soil vapor to be present beneath the subject property.

¹ <https://www.npms.phmsa.dot.gov/PublicViewer/>



Other COCs

Based on our review of the EDR report, and not including the subject property, there are no adjacent or upgradient known or suspect non-hydrocarbon contaminated soil or groundwater plumes located within 100 feet of the subject property.

However, a cleaner's facility and a clothes pressers were noted at adjacent properties during our review of historic documents. Based on the nature of dry cleaning chemicals, there is the potential that an unidentified release may have occurred at one of the adjacent properties, and for contaminated soil vapor to be present beneath the subject property.

Historical Use Information on the Property and the Adjoining Properties

The historical records review completed for this Phase I ESA includes aerial photographs, topographic maps, fire insurance maps, and city directories as detailed in the following sections. Copies of the historical resources reviewed are included in Appendix C. Table 3 provides a summary of the historical use information available for the subject property.

Review of Historical Aerial Photographs

Aerial photographs from EDR's aerial photograph collection were obtained and reviewed. In addition, a current aerial from Google Earth was also reviewed.

Review of Historical Topographic Maps

Historical topographic maps from EDR's map collection were obtained and reviewed.

Review of City Directory Listings

EDR was contracted to provide copies of city directory listings for the subject property.

Review of Fire Insurance Maps

EDR was contracted to provide copies of fire insurance maps (i.e. Sanborns) for the subject property.

Review of City of Fillmore Building Permit Records

Based on the sufficient amount of information obtained from the above sources, building permit records were not reviewed.

Other Historical Sources

Based on the historical information obtained, no additional historical sources were reviewed.

Summary of Historical Uses

Subject Property

Based on our review of the documents listed above and summarized in Table 3 below, it appears that the subject property was in residential use from at least 1911 through 1923. By 1929, the



properties along W Santa Clara Street were redeveloped into a vulcanizing facility, tire storage, auto repair and a fruit store. Vulcanizing is a chemical process for converting rubber into more durable materials by the addition of sulfur or other equivalent curatives or accelerators. The southern properties remain in residential use. By 1939, the vulcanizing facility has added a gas station. By 1953, the southern portion of the subject property has been redeveloped into a commercial structure and associated parking lot, and is redeveloped again by 1978. City directories list the site as various residential and commercial listings, which are summarized in Table 3.

Table 3 Historical Use of the Subject Property

Year	Use	Source
Subject Property – 215 and 221 Palm Street and 534 Santa Clara Street, Fillmore		
1911	The subject property is developed with ten residential structures.	Sanborn Map (SM)
1918	Similar to the 1911 SM, with one additional residence and multiple smaller sheds and standalone garages.	SM
1923	Similar to 1918 SM.	SM
1929	Similar to 1923 SM, with the exception of the residences along W Santa Clara Street. Addresses along Santa Clara Street and Ventura Street have changed, and the subject property is no longer 104-116 Santa Clara Street and 103-119 W Ventura Street. It is now 534-546 Santa Clara Street and 533-547 W Ventura Street. The property at 534-534 ½ has been redeveloped in a vulcanizing facility and tire storage. The property at 538 W Santa Clara is an auto repair, and 546 W Santa Clara is a fruit store.	SM
1930	534 Santa Clara Street – Jones Bros and Tires 538 Santa Clara Street – Rich Jas Auto Repair 543 Ventura Street – Residential Listing 547 Ventura Street – Residential Listing	CD – Los Angeles Directory Co.
1938	The property appears to be developed with residential properties and commercial properties on the northern portion of the site.	Aerial Photograph (AP) – USDA
1939	Similar to 1929 SM, with the exception of the properties on the northern portion of the subject property, which have been redeveloped into an auto repair and sales, tire repair, and a gas and oil station.	SM
1940	534 Santa Clara Street – Fillmore Vulcanizing Works; Shelf Oil Co. Agency 546 Santa Clara Street – McMahons Market	CD – Southern California
1947	The aerial imagery is fuzzy; however, the subject property appears to be developed similar to 1938 AP.	AP – USGS



215-221 Palm Street & 534 Santa Clara Street, Fillmore, California
Phase I Environmental Site Assessment

Year	Use	Source
1949	534 Santa Clara Street – Case Tractors and Farms Equipment; Firestone Stores; Pontiac GMC Sales and Service 546 Santa Clara Street – Esther Gates; Work and Hooked Rugs	CD – Los Angeles Directory Co.
1953	The properties on the northern portion of the subject property have been redeveloped into one commercial structure, and the properties on the southern portion of the subject property have been redeveloped into a commercial structure and associated parking lot.	AP – USGS
1959	Similar to 1959 AP.	AP – USDA
1964	215 Palm Street – Used Car Department 534 Santa Clara Street – Jones Bros & Sons Pontiac & GMC new car department	CD – Pacific Telephone Co.
1969	Similar to 1959 AP, with what appears to be an additional commercial structure on the southern half of the site.	AP – USGS
1970	215 Palm Street – Used Car Department 534 Santa Clara Street – Jones Bros & Sons Pontiac & GMC new car & parts department	CD – GTE
1975	215 Palm Street – Used Car Department 221 Palm Street – Residential Listing 534 Santa Clara Street – Jones Bros & Sons Pontiac & GMC new car department	CD – Pacific Telephone Co./GTE
1978	Similar to 1969 AP, with the exception that the southern structure appears to have been redeveloped.	AP – USDA
1980	215 Palm Street – Parts Department; Used Car Department 534 Santa Clara Street – Phillips Pontiac & GMC Trucks new car department	CD – Polk
1985	Similar to 1978 AP.	AP – USDA
1985	215 Palm Street – Mikrex Centerless Grinding; Used Car Department 534 Santa Clara Street – Phillips Pontiac & GMC new car department; Bob’s TV Repair & New & Used Furniture	CD – Pacific Telephone Co.
1986	215 Palm Street – Mikrex Centerless Grinding; Richards on Pontiac Buick GMC 221 Palm Street – Residential Listing 534 Santa Clara Street – Bob’s TV Repair & New & Used Furniture	CD – Pacific Bell
1993	534 Santa Clara Street – Grimaldi Enterprises; Silver Heels Saddlery	CD – GTE
1994	Similar to 1985 AP.	AP – USGS/DOQQ



Year	Use	Source
1996	215 Palm Street – Fillmore Rentals 534 Santa Clara Street – Grimaldi Enterprises; Studio Enterprises	CD – Pacific Telephone Co.
2002	215 Palm Street – Fillmore Rentals; Weaver Marine 221 Palm Street – Residential Listing	CD – Haines & Company Inc.
2005	Similar to 1994 AP.	AP – USDA/NAIP
2005	215 Palm Street – Fillmore Rentals; Weaver Marine 534 Santa Clara Street – Grimaldo Enterprises	CD – EDR Digital Archive
2009	Similar to 2005 AP.	AP – USDA/NAIP
2010	Similar to 2009 AP.	AP – USDA/NAIP
2010	215 Palm Street – Fillmore Rentals; Weaver Marine 534 Santa Clara Street – Grimaldo Enterprises	CD – EDR Digital Archive
2012	Similar to 2010 AP.	AP – USDA/NAIP
2014	534 Santa Clara Street – Grimaldo Enterprises	CD – EDR Digital Archive
2016	The property is undeveloped with the exception of the residence at 221 Palm Street and the vacant commercial structure at 215 Palm Street.	Google Earth

Northern Adjacent Property (533 Santa Clara Street [formerly 535-551 Santa Clara Street and 101-115 Santa Clara Street])

Based on our review of the documents listed above, it appears that the northern adjacent properties were occupied by Thorpe Lumber Co. yard in 1911. By 1918, the property is developed with a planing mill, lime and cement, sheds, offices, and other associated structures of the Curran Bros Inc. Lumber Yard. Ownership has changed to People’s Lumber Co. Lumber Yard from at least 1923 through 1939. By 1959 the main lumberyard warehouse has been downsized, and by 1969 it has been demolished. From 1978 through present day, the property is developed with a small structure and associated parking lot. City directories list the property at 533 Santa Clara Street as a restaurant from 1975 through 1986 and a senior center from 1993 through 2014. No city directory listings were provided for the historic addresses.

Eastern Adjacent Property (522-526 Santa Clara Street, 200-244 Palm Street, 529 W Ventura Street)

Based on our review of the documents listed above, it appears that the eastern adjacent properties were developed with single-family homes and apartments from at least 1909 through 1923, when a restaurant and grocery store is visible on the northern parcel. By 1929, the restaurant has been replaced with a clothes pressing business at 524 Santa Clara. The clothes pressing business is no longer present by 1939. By 1953, the southern parcel on the eastern adjacent block has been redeveloped as a commercial property, and the property is developed similar to today. City directories list the commercial property at 529 W. Ventura Street as various commercial listings from 1975 through 2014. City directories list the commercial property at 522 Santa Clara Street as various commercial listings from 1926 through 2002. The property at 524 Santa Clara Street is listed as a residential listing in 1926. The residence at 526 Santa Clara Street is listed as residential listings



from 1930 through 1993. The residential properties from 200-244 Palm Street are listed as residential listings from 1953 through 2002.

Southern Adjacent Property (502 and 572 and W Ventura Street)

Based on our review of the documents listed above, it appears that the southern adjacent properties were in use as an orchard from at least 1938 through 1994. By 1995 what appears to be a large commercial property is adjacent to the southeast, and by 1978 a large portion of the southern adjacent property is utilized as paved parking for this facility. By 2005 the orchards are no longer visible, and the southern properties are developed with two commercial structures and associated parking lots. City directories list the southeastern adjacent property at 502 W Ventura Street as residential listings in 1930, Fillmore Motors Ford from 1970 through 1980, auto body painting and auto repair facilities in 1985 and 1986, and Crown Chrysler Dodge from 1993 through 1996. From 2005 through 2014 the property is listed as multiple commercial listings, notably S&S Auto Repair, Freeway Auto Sales, and Crown Chrysler Dodge. The southwestern property at 572 W Ventura Street is listed as Crew Enterprises Inc. from 2005 through 2014.

Western Adjacent Property (200-226 Olive Street, 553-555 W Ventura Street [formerly 131 W Ventura Street])

Based on our review of the documents listed above, it appears that the western adjacent properties were in use as residential single-family homes and a boarding house from 1911 through 1939. The properties appear to remain residential through present day, with the exception of the southwestern adjacent property, which appears to become commercial land use by 1969. City directories list the property at 553-555 W Ventura Street as residential from 1970 through 2010. The addresses from 200-226 Olive Street are listed as residential listings from 1930 through 2002.

Northwestern Adjacent Property (548 Santa Clara Street)

Based on our review of the documents listed above, it appears that the northwestern adjacent property was developed with a rectangular structure by 1929 that remains developed today. Sanborn maps depict the property as an auto sales and repairing facility by 1929. The property is currently vacant land and a small structure occupied by commercial tenants. City directories list the property as residential listings in 1926 and 1930 and commercial listings from 1964 through 2005.

The property at 554 Santa Clara Street (formerly 132 Santa Clara Street) is depicted as a Chinese Laundry facility in 1911 and 1918 and an auto wrecking facility in 1929. This site is located northwest of the subject property, approximately 25-feet across the alleyway.

Gaps in Historical Sources

Several gaps of greater than five years were identified in the historical records reviewed, from 1911 to 1918, from 1923 to 1929, from 1930 to 1938, from 1940 to 1947, from 1953 to 1959, from 1986 to 1993, and from 1996 to 2002. These gaps are considered insignificant because the subject property use appears to be similar prior to and following the gaps.



Interviews

Rincon Consultants performed interviews regarding the subject property and surrounding areas. The purpose of the interviews was to discuss current and historical conditions and to obtain information indicating the presence of recognized environmental conditions in connection with the subject property.

Interview with Owner

An interview questionnaire was provided to the property owner, Harold K. Phillips, prior to the site reconnaissance. The following information is based on our review of the completed questionnaire.

The property owner indicated the following:

- The current owner of the property is Hal Phillips Pontiac
- They obtained ownership of the subject property in 1980.
- The onsite structures are approximately 50 years old.
- The former owner of the subject property was Roy Jones.

The property owner indicated the site does not currently store any hazardous materials or petroleum hydrocarbons; however, the following items were previously stored at the subject property:

- Automotive batteries
- 4 years ago – paints, oils/ solvents
- 10 years ago – formerly a gasoline station
- Formerly the site generated normal automotive waste disposed by a waste disposal company

Onsite storage tanks were previously removed and remediated under the oversight of a California licensed environmental company and “certified clean”. In addition, the site previously operated automobile hoists. The property owner is unaware of the presence of industrial drums, fill dirt, pits, ponds, lagoons, sumps, clarifiers, solvent degreasers, stained soil, vent pipes, fill pipes, or access ways, stained surfaces, transformers, capacitors, or hydraulic equipment, records indicating the presence of PCBs, or records indicating the presence of pesticides or herbicides.

The property owner indicated that he is not aware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property. In addition, he is not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

Interview with Site Manager

A site manager was not identified to Rincon.



Interviews with Occupants

Because no hazardous materials were identified at the onsite residence, no occupants were interviewed as part of this research effort.

Interviews with Local Government Officials

Due to the availability of numerous documents for review on GeoTracker and the Ventura County Environmental Health Division website, government officials were not interviewed as part of this research effort.

Interviews with Others

Rincon did not attempt to interview neighboring property owners or others as part of this Phase I ESA.



Site Reconnaissance

Rincon Consultants performed a reconnaissance of the subject property on October 23, 2017 accompanied by Pete Ellermann, Broker Associate with Keller Williams Realty. The purpose of the reconnaissance was to observe existing subject property conditions and to obtain information indicating the presence of recognized environmental conditions in connection with the property.

Methodology and Limiting Conditions

The site reconnaissance was conducted by:

1. Observing the subject property from public thoroughfares,
2. Observing the adjacent properties from public thoroughfares,
3. Observing the exterior of the onsite structures,
4. Observing the interior of the structures,
5. Backtracking to correlate exterior features with interior features, as necessary and possible, and
6. Observing the subject property from driveways and side roads.

Current Use of the Property and Adjacent Properties

The current uses at the subject property includes undeveloped concrete areas, vehicle storage, an occupied residence (221 Palm Street), and a commercial building with a residence on the second floor (currently vacant; 215 Palm Street).

Adjacent businesses include restaurants, retail stores, automotive repair shop, Fillmore Senior Center, vehicle storage area, residences, an energy storage building, and a bus stop.

Past Use of the Property and Adjacent Properties

During the site reconnaissance, in-ground automotive hoists indicative of automotive repair were observed at the undeveloped concrete area on the northern portion of the subject property as well as within the commercial building on the southern portion of the subject property (215 Palm Street).

Current or Past Uses in the Surrounding Areas

The subject property is surrounded by residential and commercial land uses as detailed in the Site Description section of this report. Past uses of the surrounding area are not readily apparent based on the site reconnaissance.

Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

Geologic, hydrogeologic, hydrologic, and topographic information are as previously stated in the Physical Settings Section of this report.



General Description of Structures

Onsite structures are as described previously in the Site Description section of this report.

Interior and Exterior Observations

Hazardous Substances and Petroleum Products in Connection with Identified Uses

Several 5-gallon paint containers were observed in the commercial building on the southern portion of the subject property (215 Palm Street). In addition, a painted sign indicated waste oil was also observed.

No hazardous substances or petroleum products were identified at the subject property.

Storage Tanks

During the site reconnaissance, no above- or below-ground storage tanks or evidence of underground storage tanks were observed on the subject property. However, as previously stated, USTs were formerly located at the subject property.

Odors

During the site reconnaissance, Rincon did not identify any strong, pungent, or noxious odors.

Drums

During the site reconnaissance, no drums were observed on the subject property.

Hazardous Substances and Petroleum Products Containers Not in Connection with Identified Uses

Hazardous substances or petroleum products not in connection with identified uses were not observed at the subject property.

Unidentified Substance Containers

No unidentified substance containers or unidentified containers that might contain hazardous substances were observed during the site reconnaissance.

Indications of Polychlorinated Biphenyls (PCBs)

In-ground automotive hoists indicative of automotive repair were observed at the undeveloped concrete area on the northern portion of the subject property as well as within the commercial building on the southern portion of the subject property (215 Palm Street). The age of the hoists is unknown; however, if the hoists are dated pre-1977, there is the potential for PCBs to have been present in the hydraulic oil and may have leaked into the surrounding soil.

Four pole-mounted transformers were observed adjacent to the subject property (3 western adjacent and 1 eastern adjacent). There was no indication of a release in the vicinity of the transformers.



Other Conditions of Concern

During the site reconnaissance Rincon did not note any of the following:

- Clarifiers and sumps
- Degreasers/parts washers
- Pits, ponds, and lagoons
- Stressed vegetation
- Waste water
- Wells
- Septic systems/effluent disposal system

Stains. Several areas of staining on the concrete were observed in the commercial building on the southern portion of the subject property (215 Palm Street).

Solid waste. During the site reconnaissance, several piles of municipal waste were observed.



Evaluation

Findings

Known or suspect recognized environmental conditions associated with the subject property include the following:

- Closed leaking UST case associated with the former onsite gasoline station at 534 Santa Clara Street
- Residual lead impacted soil remaining at the subject property
- Former onsite auto repair including the presence of existing in-ground automotive hoists
- Former onsite vulcanizing facility
- Multiple adjacent and nearby former auto stations and a former laundry facility and a clothes presser

Opinions

- A. **Closed Leaking UST case associated with the former onsite gasoline station at 534 Santa Clara Street.** The Leaking UST case was reported in 1989 during the removal of one 8,000-gallon UST, one 10,000-gallon UST, and one 500-gallon UST. Soil, soil vapor, and groundwater were assessed. Groundwater monitoring indicated low levels of BTEX and TPH-D. Soil vapor extraction was performed from 2001 through 2004. SVE remediation was determined to be effective based on verification soil and groundwater samples collected in 2005 and 2006. Lead impacted soil was assessed and determined to be localized beneath the former dispenser island and waste-oil UST area. A health risk assessment, run with residential parameters, determined residual groundwater and soil contamination were below regulatory levels. Therefore, EHD concluded the site had been adequately assessed and remediated, and that residual lead-impacted soil should be considered during grading activities if the site is to be redeveloped. Case closure was granted in 2005. Based on the remedial efforts and the case closure, the closed Leaking UST case at the subject property is considered a *controlled REC*.
- B. **Residual lead impacted soil remaining at the subject property.** During assessment and remediation of the Leaking UST case at 534 Santa Clara Street, lead was detected at concentrations between 131 mg/kg to 1,390 mg/kg. STLC analysis did not exceed 5 mg/L, with the exception of lead detected beneath the dispenser island, which was detected at 131 mg/L in 1994. Verification soil samples collected in 2005 and 2006 had decreased concentrations of lead. EHD concluded the site had been adequately assessed and remediated, and that residual lead-impacted soil should be considered during grading activities if the site is to be developed. Residual lead impacted soil located beneath the former dispenser islands is considered a *REC*.
- C. **Former onsite auto repair including the presence of existing in-ground automotive hoists.** The following subject property addresses are reported by EDR and are listed in historic city directories:
- a. 215 Palm Street – Listed as “Used Car Department” from 1964 through 1985 and Richards Pontiac Buick GM in 1986 and Auto Service Center/General Automotive Repair Shops in 1994 and 1995.



- b. 534 Santa Clara Street – The Historic Auto Station database and historic city directories list the site as auto repair, new and used car dealers, and gasoline service stations from 1930 through 1985.
- c. 538 Santa Clara Street – Automobile repair in 1930.
- d. 543 Ventura Street – Used automobile dealer in 1961.

In addition, several in-ground hoists were observed during the site reconnaissance at the subject property. While assessments and closure have been conducted on the parcel on the northeast corner of the property, 534 Santa Clara Street, other former auto repair areas on the subject property have not been assessed. In addition, the presence of PCBs in the vicinity of the in-ground hoists has not been assessed. Therefore, the former onsite auto repair including the presence of existing in-ground automotive hoists is considered a *REC*.

- D. **Former onsite vulcanizing facility.** Based on the historical documents reviewed, the northeastern subject property parcel at 534 Santa Clara Street was in use as a vulcanizing facility from at least 1929 through 1940. Vulcanizing is a chemical process for converting rubber into more durable materials by the addition of sulfur or other equivalent curatives or accelerators, essentially a form of manufacturing. Manufacturing facilities may have involved the use of constituents of concern such as solvents (containing volatile organic compounds) and/or the use of fuel to power mechanical equipment. Therefore, the historical use of the subject property as manufacturing is considered a *REC*.
- E. **Multiple adjacent and nearby former auto stations, laundry facility, and clothes presser.** Former auto repair facilities were identified at the southern adjacent property from 1970 through 2014 and at the northwestern adjacent property in 1929. In addition, a Chinese Laundry facility in 1911 and 1918 and an auto wrecking facility in 1929 were identified located northwest of the subject property, approximately 25-feet across the alleyway. These databases are not indicative of a release of hazardous materials. However, these types of facilities typically have included the use of chlorinated solvents or petroleum products. Therefore, if there are undocumented releases associated with the multiple adjacent and nearby former auto stations and a former laundry facility, then these adjacent sites could potentially be affecting soil vapor beneath the subject property, and they are considered a *potential REC*.

Conclusions

Rincon has performed a Phase I ESA in general conformance with the scope and limitations of ASTM E 1527-13 for the property located at 215-221 Palm Street and 534 Santa Clara Street in Fillmore, California. Any exceptions to, or deletions from, this practice are described in the Deviations section of this report.

This assessment has revealed evidence of RECs in connection with the subject property as follows:

Recognized Environmental Conditions

1. Residual lead impacted soil remaining at the subject property
2. Former onsite auto repair including the presence of existing in-ground automotive hoists
3. Former onsite vulcanizing facility



Controlled Recognized Environmental Conditions

1. Closed Leaking UST case associated with the former onsite gasoline station at 534 Santa Clara Street

Potential Recognized Environmental Conditions

1. Multiple adjacent and nearby former auto stations and a former laundry facility and a clothes presser

Recommendations

We recommend a soil management plan be created and implemented prior to redevelopment of the site for proper handling and disposing the lead impacted soil located beneath the former dispenser island.

To evaluate the impacts from the former use of the subject property auto repair and the presence of in-ground hoists, as well as the former vulcanizing facility, we recommend a subsurface investigation in the vicinity of the former auto repair parcels and adjacent to the in-ground hoists, and in the vicinity of the former vulcanizing facility.

To evaluate the potential impacts from the adjacent former auto repair facilities and cleaners, we recommend a soil vapor assessment along the northwestern and southern portions of the subject property.

Although not considered a REC, based on the age of the onsite structures (215 Palm Street constructed by 1939 and 239 Palm Street constructed by 1969), asbestos-containing materials and lead-based paint may be present on the subject property. Therefore, Rincon recommends conducting an asbestos-containing building materials and lead-based paint survey at the subject property.

Deviations

Deviations from ASTM practice were not encountered during the completion of this Phase I ESA. In addition, a lien search and chain of title review were not completed as part of this assessment.



References

The following published reference materials were used in preparation of this Phase I ESA:

City Directory Listings

Listings provided by Environmental Data Resources (EDR).

Environmental Database

EDR report dated October 17, 2017.

Fire Insurance Maps

Maps provided by EDR.

Geology

Dibblee, Thomas Jr., Geologic Map of the Fillmore Quadrangle, USGS, 1990; California Geologic Survey (CGS), *California Geomorphic Provinces Note 36*, December, 2002; California Department of Water Resources (DWR), *California's Groundwater Bulletin 118*, 2003; Regional Water Quality Control Board (RWQCB) online database (GeoTracker).

Groundwater

California DWR, *California's Groundwater Bulletin 118*, 2003; RWQCB online database (GeoTracker). Accessed October 16, 2017. Ventura County Watershed Protection District Water & Environmental Resources Division, *2012 Groundwater Section Annual Report*, http://obgma.com/wp-content/uploads/2015/05/WPD_Grndwtr_Annual_Rpt_2012.pdf

Historical Aerial Photographs

Photos provided by EDR and Google Earth.

Historical Topographic Maps

Maps provided by EDR.

Oil and Gas Records

State of California, Division of Oil, Gas and Geothermal Resources website:
<http://www.consrv.ca.gov/DOG/index.htm>. Accessed October 17, 2017.

Pipelines

National Pipeline Mapping System (NMPS) Public Map Viewer,
<https://www.npms.phmsa.dot.gov/PublicViewer/>. Accessed October 17, 2017.

Topography


USGS topographic map (1995, Fillmore Quadrangle).



Signatures of Environmental Professionals

The qualified environmental professionals that are responsible for preparing the report include Walt Hamann and Sarah Larese. Their qualifications are summarized in the following section.


"We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312. We have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."



Signature

Walt Hamann, PG, CEG, CHG

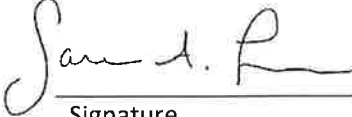
Name



Date

Vice President

Title



Signature

Sarah A. Larese

Name

November 13, 2017

Date

Senior Environmental Scientist

Title



Qualifications of Environmental Consultants

The environmental consultants responsible for conducting this Phase I ESA and preparing the report include Walt Hamann, Sarah Larese and Devin DiNapoli. Their qualifications are summarized below.

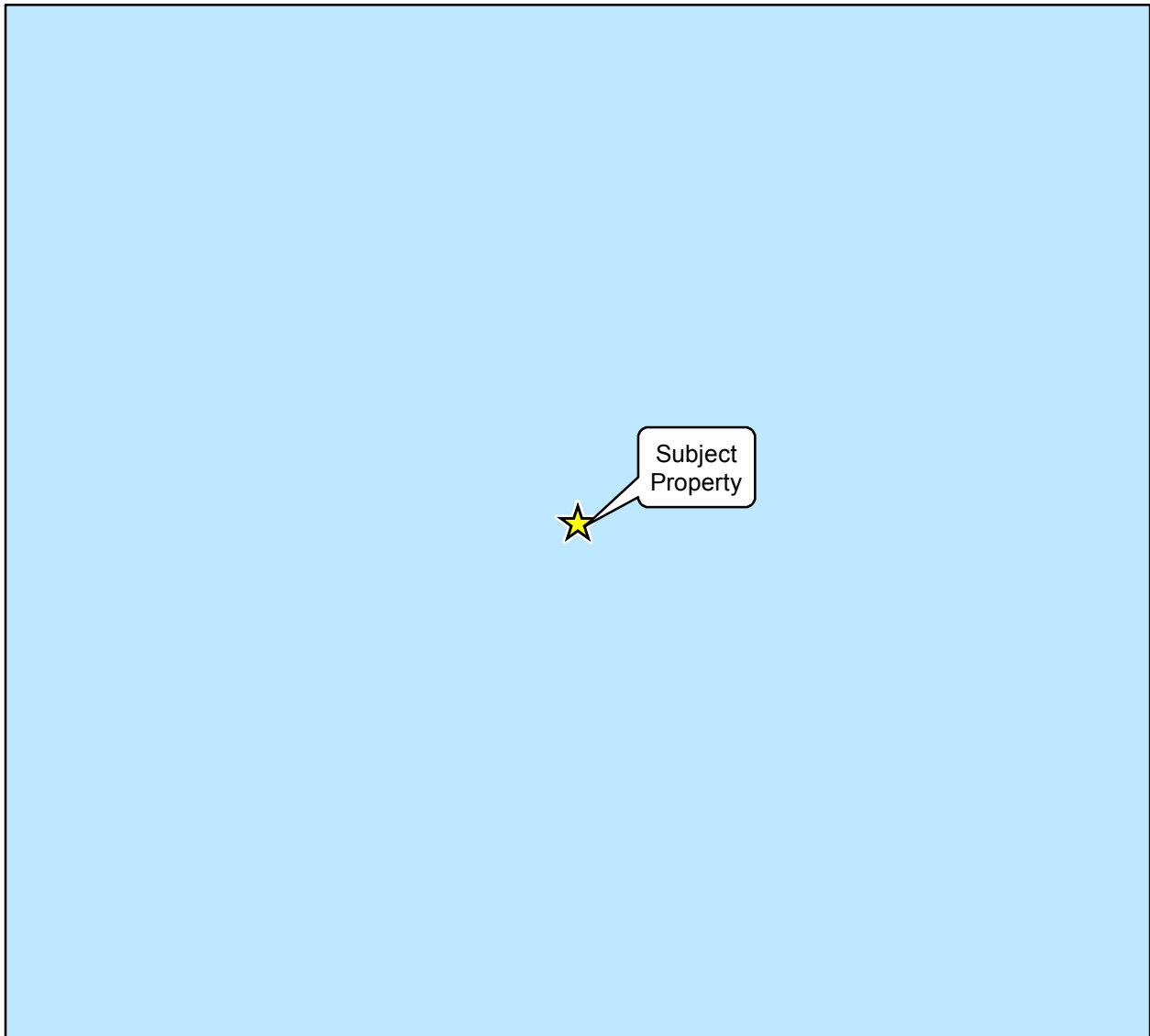
Environmental Consultant Qualifications	X2.1.1 (2) (i) - Professional Engineer or Professional Geologist License or Registration, and 3 years of full-time relevant experience	X2.1.1 (2) (ii) - Licensed or certified by the Federal Government, State, Tribe, or U.S. Territory to perform environmental inquiries	X2.1.1 (2) (iii) – Baccalaureate or Higher Degree from and accredited institution of higher education in a discipline of engineering or science and the equivalent of 5 years of full-time relevant experience	X2.1.1 (2) (iii) – Equivalent of 10 years of full-time relevant experience
Walt Hamann	PG, CHG, CEG		MS Geology	30 years
Sarah Larese			BA Environmental Studies	17 years
Devin DiNapoli			BA Earth Science	4 years

Walt Hamann, PG, CEG, CHG, is a Principal and Senior Geologist with Rincon Consultants. He holds a Bachelor of Arts degree in geology from the University of California, Santa Barbara and a Master of Science degree in geology from the University of California, Los Angeles. He has over 30 years of experience conducting assessment and remediation projects and has prepared or overseen the preparation of hundreds of Phase I and Phase II Environmental Site Assessments throughout California. Mr. Hamann is a Professional Geologist (#4742), Certified Engineering Geologist (#1635), and Certified Hydrogeologist (#208) with the State of California.

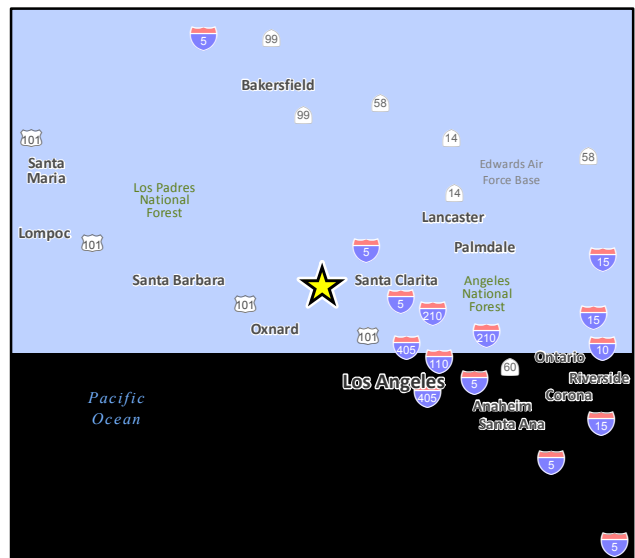
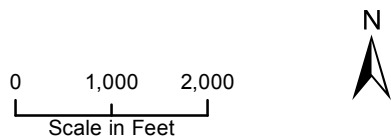
Sarah A. Larese is a Senior Environmental Scientist with Rincon Consultants. She holds a Bachelor of Science degree in environmental studies from the University of California, Santa Barbara, California. Ms. Larese has experience in development, implementation and project management of environmental assessment and remediation projects, especially relating to underground storage tanks. Ms. Larese’s responsibilities at Rincon include implementation of Phase I and II Environmental Site Assessments as well as conducting site remediation field activities and preparation of environmental reports. She has 17 years of experience conducting research, assessment and remediation projects.

Devin DiNapoli is an Environmental Scientist with Rincon Consultants. She holds a Bachelor’s Degree in Earth Science from the University of Southern California. Ms. DiNapoli has experience working on Phase I Environmental Site Assessments for a variety of commercial, rural, and industrial properties. She also has experience conducting Phase II projects including soil and soil vapor assessments. Ms. DiNapoli’s responsibilities at Rincon include implementation of Phase I and Phase II Environmental Site Assessments and preparing environmental reports.



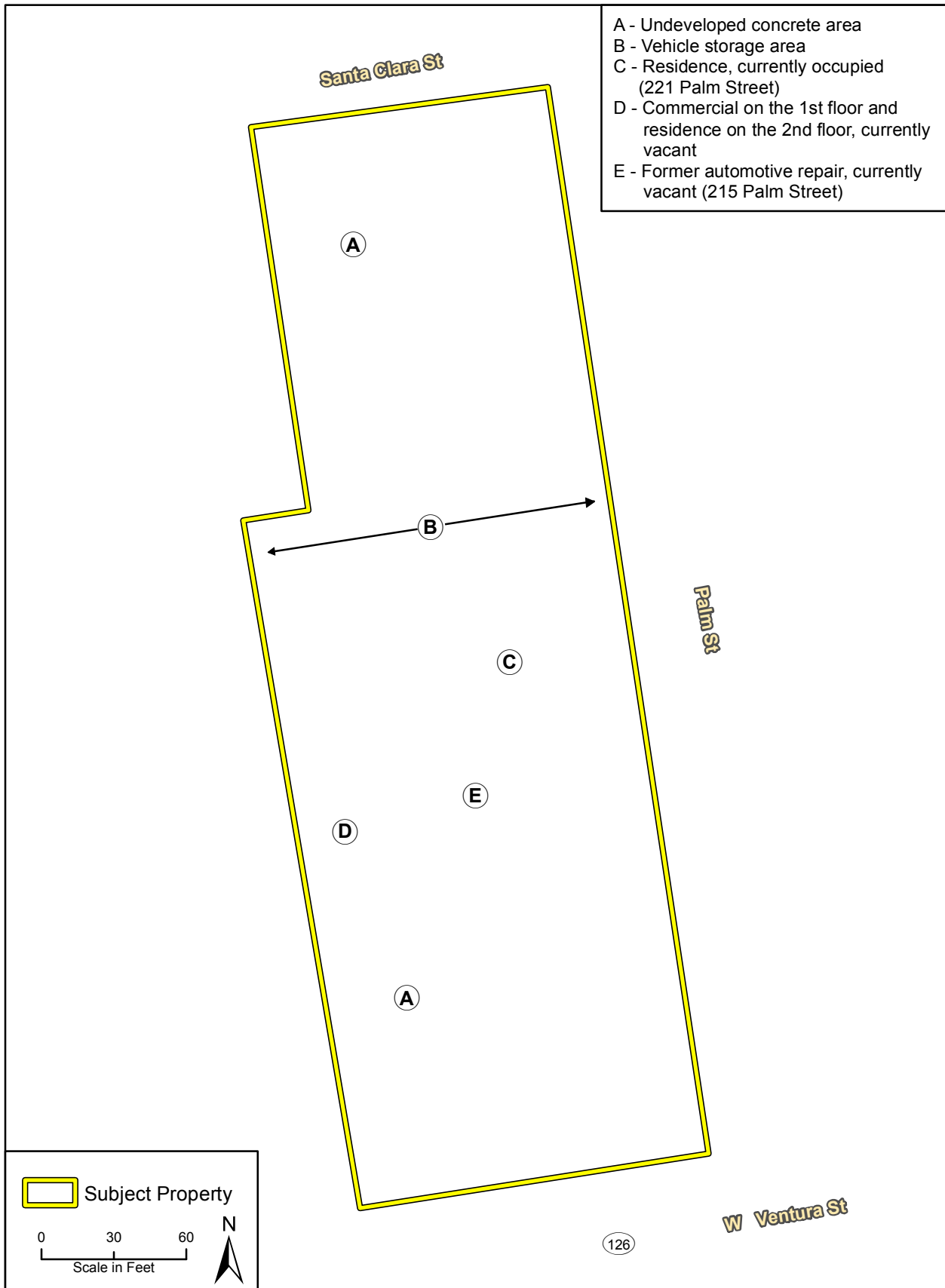


Imagery provided by National Geographic Society, ESRI and its licensors © 2017. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.



Vicinity Map

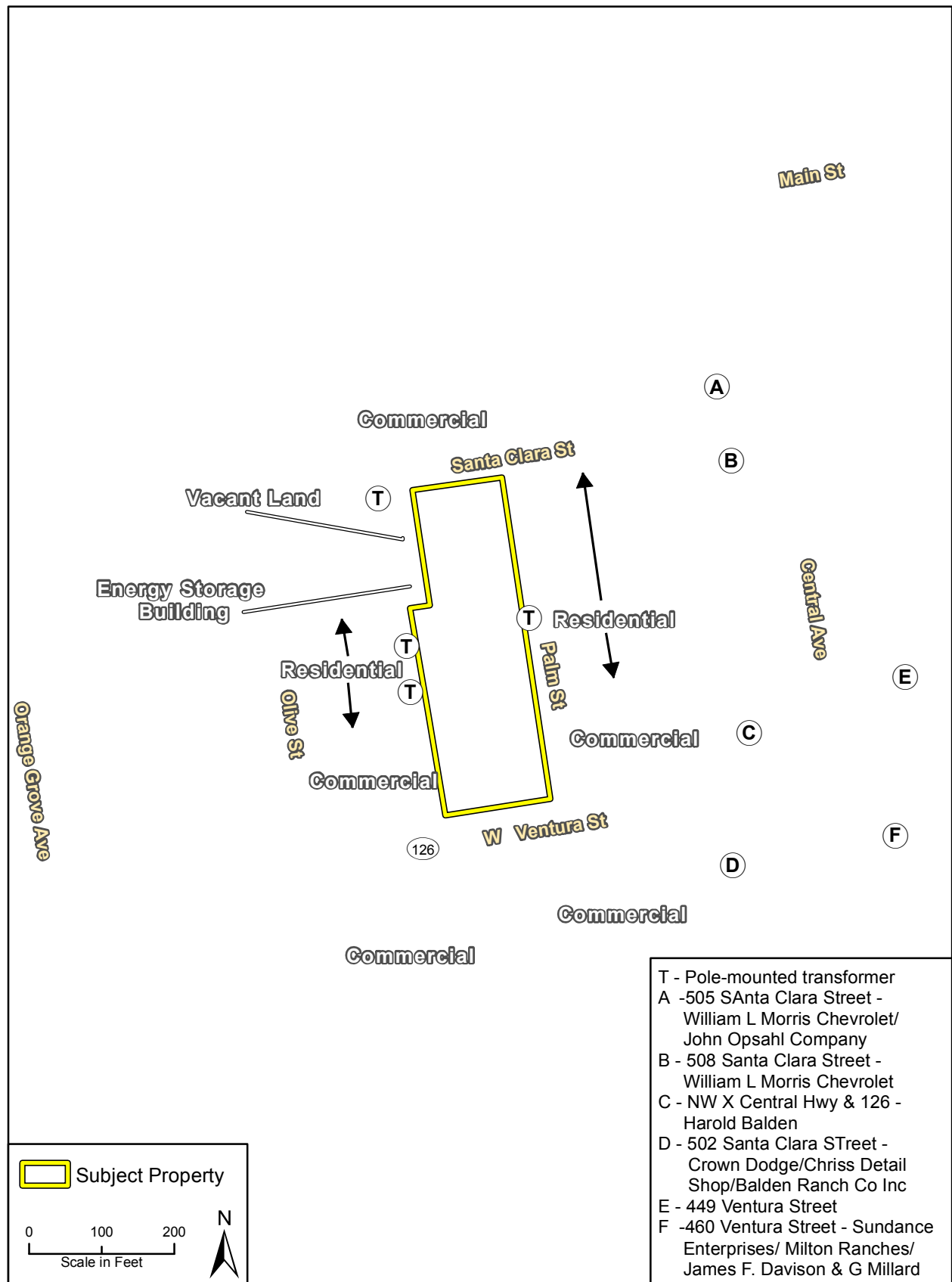
Figure 1



Imagery provided by Google and its licensors © 2017.

Site Map

Figure 2



Adjacent Land Use Map

Figure 3



Photograph 1. View of the undeveloped concrete area located on the northern portion of the subject property, facing west.



Photograph 2. View of the in-ground hoists present at the undeveloped concrete area on the northern portion of the subject property.



Photograph 3. View of the vehicle storage area on the central portion of the subject property, facing southwest.



Photograph 4. View of the residence (221 Palm Street) present on the central portion of the subject property, facing southwest.



Photograph 5. View of the commercial/residential building (215 Palm Street) present on the southern portion of the subject property, facing northwest.



Photograph 6. View inside the former automotive repair building present on the southern portion of the subject property.



Photograph 7. View of the in-ground hoists present inside the former automotive repair building on the southern portion of the subject property.



Photograph 8. View of the "waste oil sign" inside the former automotive repair building on the southern portion of the subject property.



Photograph 9. View of staining inside the former automotive repair building on the southern portion of the subject property.



Photograph 10. View inside the residence on the second floor of the structure on the southwestern portion of the subject property.



Photograph 11. View of Santa Clara Avenue followed by the northern adjacent bus stop and commercial business, facing northeast.



Photograph 12. View of Palm Street followed by the eastern adjacent residences, facing northeast.



Photograph 7. View of Palm Street followed by the eastern adjacent commercial businesses, facing east.



Photograph 8. View of West Ventura Street (Highway 126) followed by the southern adjacent commercial shopping center, facing southwest.



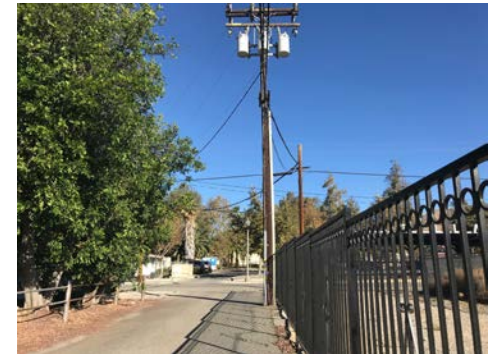
Photograph 9. View of western adjacent commercial businesses, facing northwest.



Photograph 10. View of western adjacent residences, facing northwest.



Photograph 11. View of the western adjacent vacant land followed by the western adjacent energy storage building, facing south.



Photograph 12. View of the western adjacent pole-mounted transformer located near Santa Clara Street, facing north.

Appendix A

Interview Documentation

User Questionnaire

Rincon Project _____

Site Name and Full Address: _____

To qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”), the user must provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that “all appropriate inquiries” is not complete.

We respectfully request that you fill out this form and e-mail it to _____ at SSSSSSSSSS@RinconConsultants.com within one week from the date of this transmittal.

1. Why is the Phase I ESA required or being performed?	
2. What type of property transaction is planned? (i.e. sale, purchase, exchange)	
3. What is the entire site address?	
4. What is the Assessor’s Parcel Number(s)?	
5. Are any considerations beyond the requirements of Practice E1527 to be considered? (i.e. lien search, asbestos & lead based paint, radon)	
6. Identify all parties who will rely on the Phase I report.	
7. Identify the Site Manager/Contact and how the contact can be reached.	



User Questionnaire

Rincon Project _____

Site Name and Full Address: _____

8. Identify the Site Owner and how the owner can be reached.	
9. Do you have copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning any other knowledge or experience with the property that may be pertinent to the environmental professional (i.e. title report, previous Ph I and II ESAs, Environmental Impact Studies)?	

1. Did a search of **recorded land title records** (or judicial records, where appropriate) identify any environmental liens filed or recorded against the **property**?

Please checkmark the most appropriate response:

- I *have not* reviewed the records and **do not know** if there are any filed or recorded environmental liens.
 - I *have* reviewed the records, and **No, there aren't any** filed or recorded environmental liens.
 - I *have* reviewed the records, and **Yes, there are** environmental liens. Explain:
-

2. Did a search of **recorded land title records** (or judicial records, where appropriate) identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

Please checkmark the most appropriate response:

- I *have not* reviewed the records and **do not know** if there are any filed/recorded AULs or any AULs in place at the site.
 - I *have* reviewed the records, and **No, there aren't any** filed/recorded AULs or any AULs in place at the site.
 - I *have* reviewed the records, and **Yes, there are** AULs filed, recorded, and/or in place at the site. Explain:
-



Rincon Project _____

Site Name and Full Address: _____

3. Does the Title Report provide any information pertaining to environmental cleanup liens or activity and use limitations (AULs) for the subject property?

Please checkmark the most appropriate response:

- I *have not* reviewed the Title Report and **do not know** if it provides environmental cleanup liens or AULs information.
 - I *have* reviewed the Title Report, and **No, it does not** provide environmental cleanup liens or AULs information.
 - I *have* reviewed the Title Report, and **Yes, it does provide** environmental cleanup liens or AULs information. Explain:
-

4. Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an *adjoining property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Please checkmark the most appropriate response:

- No**, I *do not* have any specialized knowledge and/or experience related to the property or nearby properties.
 - Yes**, I *do* have specialized knowledge and/or experience related to the property or nearby properties. Explain:
-

5. As the user of this ESA, based on your knowledge and experience related to the property, are you aware of any information pertaining to a reduction in value for the subject property relative to any known environmental issues?

Please checkmark the most appropriate response:

- No**, I *do not* have any information about a reduction in property value relative to environmental issues.
 - Yes**, I *do* have information about a reduction in property value relative to environmental issues. Explain:
-

6. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Please checkmark the most appropriate response:

- Yes**, I *do* believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Skip to question #7.



User Questionnaire

Rincon Project _____

Site Name and Full Address: _____

No, I *do not* believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Proceed to question #6a.

a. **If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29)**

Please checkmark the most appropriate response:

No, I *have not* considered the idea that known or believed contamination at the site has caused the lower purchase price.

Yes, I *have* considered the idea that known or believed contamination at the site has caused the lower purchase price. Explain.

7. **Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,**

a. Do you know the past uses of the property?

I *do not* know.

I *do* know. Explain:

b. Do you know of specific chemicals are present or once were present at the property?

I *do not* know.

I *do* know. Explain:

c. Do you know of any spills or other chemical releases that have taken place at the property?

I *do not* know.

I *do* know. Explain:

d. Do you know of any environmental cleanups have taken place at the property?

I *do not* know.

I *do* know. Explain:



User Questionnaire

Rincon Project _____

Site Name and Full Address: _____

8. Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

Please checkmark the most appropriate response:

- No**, I do not know and/or do not have any experience with any obvious indicators that point to the presence or likely presence of contamination at the property.
 - Yes**, I do know of and/or do have experience with obvious indicators that point to the presence or likely presence of contamination at the property. Explain:
-

9. Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site?

- No**, I am not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site.
 - Yes**, I am aware of pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site. Explain:
-

10. Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site?

- No**, I am not aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site.
 - Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:
-

11. Are you aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

- No**, I am not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.
 - Yes**, I am aware of a notice, or notices, from a government entity (or multiple government entities) regarding a possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. Explain:
-



User Questionnaire

Rincon Project _____

Site Name and Full Address: _____

This questionnaire was completed by (please print):

Name	
Title	
Firm	
Street Address	
City, State, Zip Code	
Phone Number	
Fax Number	
What is the preparer's relationship to the property (i.e., seller, buyer, occupant, property manager, employee, agent, consultant)?	

The preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct, and to the best of the preparer's knowledge, no material facts have been suppressed or misstated.

Signature

Date

Please email this form to _____ at _____ [@RinconConsultants.com](mailto:____@RinconConsultants.com).
This form may also be mailed or faxed to the following address:

Rincon Consultants, Inc.

Attention: _____
2215 Faraday Avenue, Suite A
Carlsbad, California 92008
Fax: (760) 918-9444



October 6, 2009

File #C89088

Mr. Dan Piroton
Regional Water Quality Control Board
Los Angeles Region
320 West Fourth Street, Suite 200
Los Angeles, CA 90013

**LOW-RISK CASE CLOSURE RECOMMENDATION - HAL PHILLIPS, INC., 534
SANTA CLARA STREET, FILLMORE, CALIFORNIA**

After review of all available data pertinent to this case, the Ventura County Environmental Health Division (EHD) staff concludes that the residual petroleum hydrocarbon contamination in soil and groundwater at this site does not pose a significant threat to human health, to beneficial or potentially beneficial groundwater, or to the environment. Therefore, EHD recommends that this case be closed.

Background site information, historical analytical data, site geologic descriptions, and hydrologic conditions included in this closure recommendation were obtained from site assessment reports and the site conceptual model prepared by PW Environmental (PW).

Site maps, tables of analytical results for soil and groundwater, case closure summary form, and a Risk-Based Corrective Action (RBCA) summary are attached.

SITE DESCRIPTION

The subject site is located on the southwest corner of Santa Clara Street and Palm Street in a mixed commercial and residential area in Fillmore, California. The site, formerly a gasoline and automobile service facility, is currently a storage yard with a rectangular building that appears to be occupied with an artisan's workshop (Figures 1, 2, and 5).

SITE GEOLOGY AND HYDROGEOLOGY

Soil assessment data indicate the site is underlain by a mixture of gravels, gravelly sands, silty sands, silts, and clay to 70 feet below ground surface (bgs), the maximum depth explored (Figures 6A, 6B, and 6C).

Groundwater depths in site monitoring wells have ranged between 40 and 56 feet bgs. Groundwater flow beneath the site vicinity has generally been toward the northwest at an approximate gradient of 0.01 vertical feet per horizontal foot (Table 2, Figure 9).

The site is located within the Fillmore Groundwater Basin. The June 13, 1994 *Los Angeles Regional Water Quality Control Board Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties* designates groundwater within the Fillmore Groundwater Basin to have an existing beneficial use for municipal, agricultural, industrial service, industrial process supply, and aquaculture.

SURFACE WATER AND WATER WELL SURVEY

The nearest surface water receptor is the Santa Clara River located approximately 2,000 feet south of the site.

A review of the State Water Resources Control Board GeoTracker database and available water supply well maps and records in Ventura County's Public Works Agency Watershed Protection District (VCWPD) database did not identify any active public wells within 1,000 feet of the site. GeoTracker and VCWPD well location data are attached (Figure 2 and 3).

SITE ASSESSMENT ACTIVITIES

On July 11, 1989, one 8,000-gallon underground storage tank (UST), one 10,000-gallon UST, and one 500-gallon UST were removed from the site. Elevated hydrocarbon concentrations were encountered in soils beneath the USTs.

Site assessments were performed in 1994, 1996, and 1998. By 1998, a total of 22 soil borings were drilled and seven monitoring wells (MW-1 through MW-7) and one vapor extraction well (VW-1) were installed at the site. Maximum hydrocarbon concentrations were detected in soils beneath the former fuel dispenser island location (Table 1, Figures 4 and 5).

Soil vapor extraction (SVE) was performed at the site between February 2001 and February 2004.

To determine the effectiveness of the SVE remediation, verification soil, and groundwater sampling events were performed in February 2005 and April 2006. No significant hydrocarbon concentrations were reported in the verification soil samples. The verification Hydropunch samples were comparable to quarterly monitoring results and representative of site groundwater conditions (Table 1 and 1A, Figure 8).

Lead-impacted soil was assessed and is localized to beneath the former dispenser island and waste-oil UST areas (Figure 7). Verification sampling showed a decrease in lead concentrations from the UST removal soil sample results (Table 1, Figure 8).

GROUNDWATER MONITORING

A total of seven groundwater monitoring wells (MW-1 through MW-7) were installed at the site between 1994 and 1996 (Table 2A).

Approximately 50 groundwater monitoring events have been conducted at the site since March 1994. To date, maximum dissolved-phase TPH-g, TPH-d, BTEX, and MTBE were reported at concentrations up to 11,000 µg/L, 1,030 µg/L, 510 µg/L, 590 µg/L, 560 µg/L, 2,900 µg/L, and 13.8 µg/L, respectively.

Remedial activities combined with natural attenuation have successfully reduced hydrocarbon concentrations in groundwater over time. Low BTEX concentrations (not exceeding 3 µg/L) and TPH-d was reported at a maximum j-flagged concentration of 651j µg/L in the last groundwater monitoring event performed in January 2009 (Table 3, Figure 9).

Monitoring well locations in relationship to the existing buildings and the former tank and dispenser area are illustrated in Figure 4. Monitoring well construction data, historical groundwater elevation and flow data and a summary of the historical groundwater analytical data are provided (Tables 2A, 2, and 4).

SITE REMEDIATION

According to PW, remediation at the site consisted of soil vapor extraction (SVE) technology. SVE was performed from 2001 to 2004 and approximately 5,200 pounds of hydrocarbons were removed.

HEALTH-BASED RISK ASSESSMENT

EHD performed a Health-Based Risk Assessment using software provided by Groundwater Services, Inc. (RBCA Tool Kit for Chemical Releases, Version 1.3b). The evaluation was used to determine if residual soil and groundwater contamination might pose a threat to beneficial or potentially beneficial waters or to human health. The

evaluation was run using only residential parameters to obtain the most conservative result. Input contaminant concentrations for soil were the maximum residual concentrations detected during the verification boring assessments conducted in 2005 and 2006. The most recent (January 2009) groundwater monitoring results were used for groundwater values.

All available exposure pathways were considered for the evaluation. The groundwater pathway was also evaluated because groundwater in the area is considered suitable for beneficial use.

The groundwater exposure pathway was calculated at a maximum carcinogenic risk of 7.1×10^{-8} and the indoor air exposure pathway was calculated at a maximum hazard index, the non-carcinogenic toxic effect, of 0.75. Both results are acceptable and below the regulatory levels of 1.0×10^{-5} and 1.0, respectively, and indicate the residual soil and groundwater contamination passes the Tier 2/3 Residential RBCA. The risk and hazard index results are summarized in the attached RBCA output.

RECOMMENDATION

After review of all available data pertinent to this case, EHD staff concludes that the site has been adequately assessed and remediated. Natural attenuation of the residual hydrocarbon concentrations is anticipated. The residual hydrocarbon contamination in soil and groundwater at this site does not pose a significant threat to human health, to beneficial or potentially beneficial groundwater, or to the environment. EHD recommends that low-risk regulatory site closure be approved for this case.

It should be noted that there are localized areas of lead-impacted soil where lead concentrations exceed background levels. The residual lead-impacted soil should be considered during grading activities if the site is redeveloped.

As a requirement for closure, all existing monitoring wells must be located and removed in accordance with Los Angeles Regional Water Quality Control Board guidelines and VCWPD permit requirements.

If you have any questions, please call me at 805/662-6510.



GINA L. TERESA, P.G. 8476
LUFT PROGRAM
ENVIRONMENTAL HEALTH DIVISION

Attachments (LARWQCB only)

Case Closure Summary Form

Figure 1- Site Location Map
Figure 2- GeoTracker Map Showing One Abandoned Public Well within 1,000 Feet

Figure 3- Location Map Showing No Public Wells within 1,000 feet (VCWPD)
Figure 4- Site Plan showing Boring/Monitoring Well Locations
Figure 5- Site Plan w/Lines of Cross Sections
Figure 6A- Cross-Section A-A'
Figure 6B- Cross-Section B-B'
Figure 6C- Cross-Section C-C'
Figure 7- Total Lead Distribution
Figure 8- Site Plan w/ Supplemental Verification Assessment Boring Locations
Figure 9- Semi-annual Groundwater Monitoring Results- January 2009

Table 1- Summary of Soil Sample Analytical Results
Table 1- Summary of Groundwater Sample Analytical Results (Hydropunch samples-verification assessments 2005 and 2006)
Table 2A- Well Construction and Hydrologic Data
Table 2- Historical Groundwater Elevation and Flow Data
Table 3- Summary of Water Sample Laboratory Analytical Results- January 2009
Table 4- Summary of Historical Water Sample Laboratory Analytical Results

RBCA Evaluation Summary

c: Mr. Adam Elliot, PW Environmental, Inc. (without attachments)
Ms. Alice Weaver, Hal Phillips Inc. (without attachments)

CASE CLOSURE SUMMARY

Case Closure Summary

Leaking Underground Fuel Tank Program

I. Agency Information

Date: 9/09/2009

Agency name: Ventura County Environmental Health	Address: 800 South Victoria Avenue
City/State/ZIP: Ventura, CA 93009-1730	Phone: 805-662-6510
Responsible staff person: Gina L. Teresa, P.G.	Title: Environmental Health Specialist III

II. Case Information

Site facility name: Hal Phillips Inc				
Site facility address: 534 Santa Clara Street, Fillmore, CA				
RB LUSTIS Case No: N/A		Local Case No: C-89088		LOP Case No: C89088
URF filing date: 07/12/1989		SWEEPS No:		
Responsible Parties		Addresses		Phone Numbers
Ms. Alice Weaver		215 Palm Street		
Phillips, Inc		Fillmore, CA 91510		
Tank No	Size in Gal	Contents	Closed In-place/Removed	Date
1	8,000	Gasoline	Removed by M.H. Loe Company	July 11, 1989
2	10,000	Gasoline	Removed by M.H. Loe Company	July 11, 1989
3	500	Waste-Oil	Removed by M.H. Loe Company	July 11, 1989

III. Release and Site Characterization Information

Cause and type of release: USTs/Dispensers				
Site characterization complete? Yes		Date approved by oversight agency: September 9, 2009		
Monitoring Wells installed? Yes		Number: 7	Proper screened interval? Yes	
Highest GW depth below ground surface: 40'		Lowest depth: 56'	Flow direction: Northwest	
Most sensitive current use: Storage yard in mixed commercial/residential area				
Are drinking water wells affected? No		Aquifer name: Fillmore Groundwater Basin- Santa Clara River		
Is surface water affected? No		Nearest SW name: Santa Clara River (~2,000 feet south of site)		
Off-site beneficial use impacts (addresses/locations): None				
Report(s) on file? Yes		Where are reports filed? VCEHD Document Imaging Website and State's GeoTracker Database		
Treatment and Disposal of Affected Material				
Material	Amount	Action (Treatment or Disposal w/Destination)		Date
Soil/Soil Vapor Hydrocarbons	Approx. 5,200 pounds	Soil Vapor Extraction		February 2004

Case Closure Summary

Leaking Underground Fuel Tank Program

III. Release and Site Characterization Information (Continued C89088)

Maximum Documented Contaminant Concentrations - - Before and After Cleanup									
Contaminant	Soil (mg/kg)		Water (ug/L)		Contaminant	Soil (mg/kg)		Water (ug/L)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gasoline)	4,600	240	11,000	<50	Benzene	ND<0.005	ND<0.001	510	1.45
TPH (Diesel)	300	300	1,030	651j	Toluene	1	0.0012	590	2.99
TPH (Oil)	NA	NA	5,000	ND<5,000*	Ethylbenzene	4.8	0.007	560	0.68
TRPH	140,000	300/240	NA	NA	Xylenes	39	0.072	2,900	2.07
MTBE/TBA	ND<0.005	ND<0.003	13.8/61	ND/ND	Total Lead	12,000	140	STLC-131 mg/L	STLC-4.55 mg/L

Comments: Before Soil = After Soil & Before Water = After Water = The maximum levels recorded in historical sampling events. TPH-oil reporting limits have varied, TPH-oil has been historically ND from <10 ug/L to <5,000 ug/L

The three underground storage tanks were removed in 1989. Multiple site soil and groundwater assessments were conducted between 1994 and 2006. Elevated hydrocarbons were encountered in soils beneath the former dispensers and the waste-oil UST location. Soils and groundwater beneath the former waste-oil tank location have been tested for full suite VOC's.

Since 1994, one vapor extraction well (VW-1) and seven groundwater monitoring wells (MW-1 through MW-7) have been installed and approximately 50 groundwater monitoring events have been conducted.

Soil vapor extraction was performed at the site from 2001 to 2004. Approximately 5,200 pounds of hydrocarbons have been extracted from the vadose zone beneath the site.

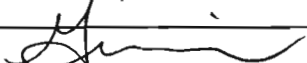
The February 2005 and April 2006 verification assessments confirmed that no significant hydrocarbon concentrations remain in soil or groundwater beneath the site. Additionally, the lead-impacted soil is adequately assessed; verification soil sample results indicate a decrease in total and soluble lead concentrations at the dispenser and waste-oil UST locations where elevated lead concentrations were recorded.

The site passes a Tier 2/3 health risk based assessment for residential indoor and outdoor air, groundwater and surface water exposure pathways using site specific criteria and verification boring results.

IV. Closure

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes	
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes	
Do cleanup levels exceed Regional Board requirements? No	Identify: None
Rationale for exceeding RB requirements: N/A	
Does corrective action protect public health for current land use? Yes	
Site management requirements: None	Should corrective action be reviewed if land use changes? No
Monitoring wells Decommissioned: No	Number Decommissioned: 0 Number Retained: 7
List enforcement actions taken: None	List enforcement actions rescinded: None

V. Local Agency Representative Data

Name: Gina L. Teresa, P.G.	Title: Environmental Health Specialist III
Signature: 	Date 9/9/2009

VI. RWQCB Notification

Date Submitted to RB Executive Officer:	RB Response:
RWQCB Staff Name:	Title: Date:
Additional Comments, Data, Etc.	

FIGURES

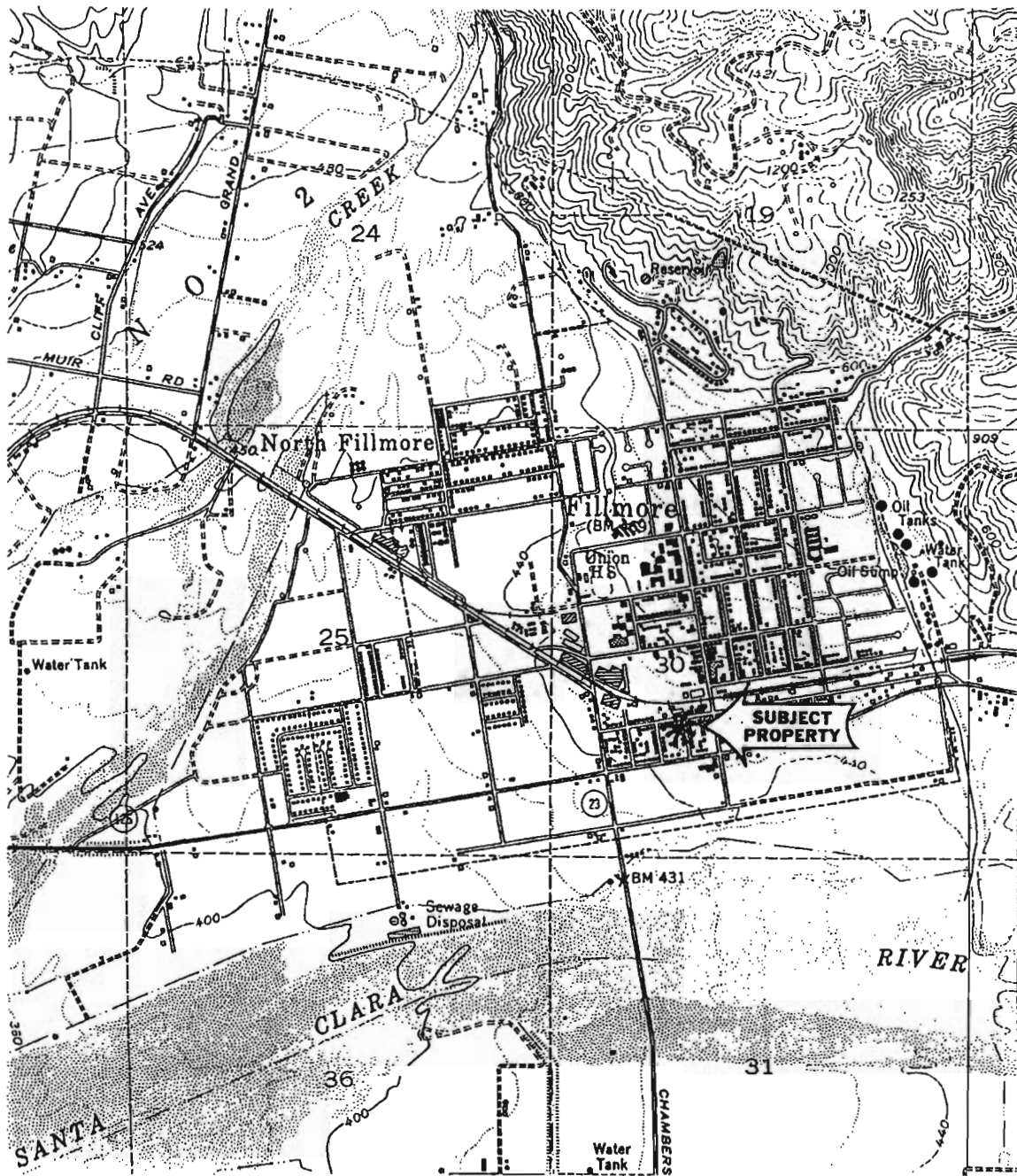
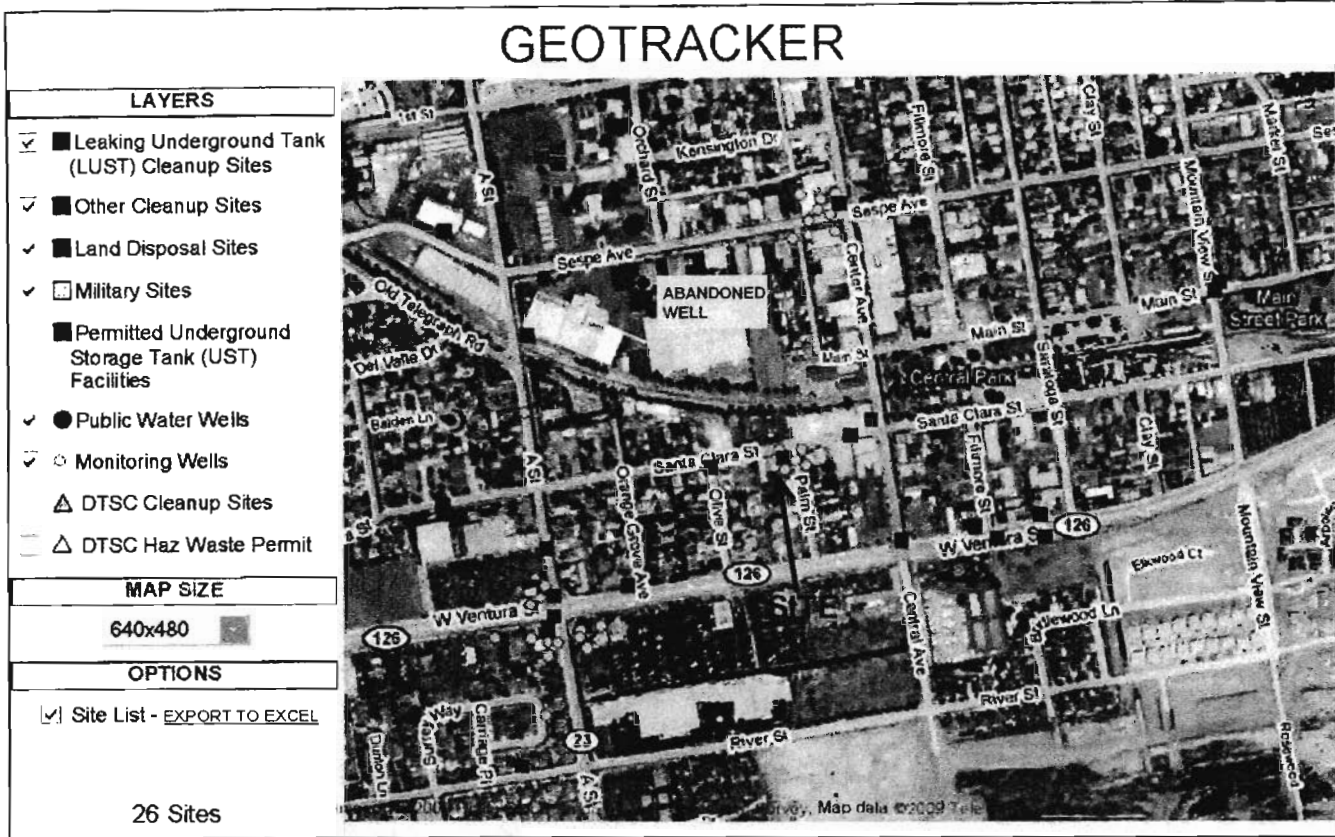


FIGURE 1
SITE LOCATION

PHILLIP'S INC.
534 SANTA CLARA STREET
FILLMORE CA



138 DOVE COURT • SANTA PAULA, CALIFORNIA • 93060



SITE LIST

SITE NAME	GLOBAL ID	CLEANUP STATUS	ADDRESS	CITY
BRITZMAN TRUCKING/ DARREN BIRTZMAN	T1000000964	OPEN - REFERRED	SANTA MARIA STREET, WEST	SANTA PAULA
CHASE BROTHERS DAIRY	T0611100126	COMPLETED - CASE CLOSED	707 VENTURA ST	FILLMORE
CHE CROUCHER	T0611100384	COMPLETED - CASE CLOSED	704 VENTURA ST	FILLMORE
CHE FRONT #9-7983	T0611101095	OPEN - VERIFICATION MONITORING	704 VENTURA ST	FILLMORE
CROWN DODGE	T0611100805	COMPLETED - CASE CLOSED	502 VENTURA ST	FILLMORE
FILLMORE-PIRU CITRUS	T0611100275	COMPLETED - CASE CLOSED	743 SESPE PL	FILLMORE
GRIMES RANCH	T0611100835	COMPLETED - CASE CLOSED	722 RIVER ST	FILLMORE
HAROLD BALDEN	T0611100623	COMPLETED - CASE CLOSED	NW X CENTRAL HWY 126	FILLMORE
MARTIN V. SMITH	T0611100336	COMPLETED - CASE CLOSED	423 VENTURA ST	FILLMORE
MILTON RANCHES	T0611100429	COMPLETED - CASE CLOSED	460 VENTURA ST	FILLMORE
PACIFIC BELL	T0611101099	COMPLETED - CASE CLOSED	233 A ST	FILLMORE
PHILLIPS INC	T0611100497	OPEN - VERIFICATION MONITORING	534 SANTA CLARA ST	FILLMORE
R.W. RICHTER	T0611100507	COMPLETED - CASE CLOSED	603 SANTA CLARA ST	FILLMORE
SUNCOAL CO	T1000000964	COMPLETED - CASE CLOSED	2000 W TELEGRAPH RD	FILLMORE

MAP AN ADDRESS: smallxmpointsreg.asp?xmin=-118.92073631286621&xmax=-118.92073631286621 Go!

HAL PHILLIPS
534 SANTA CLARA STREET
FILLMORE, CALIFORNIA
LUFT#89088

FIGURE 2

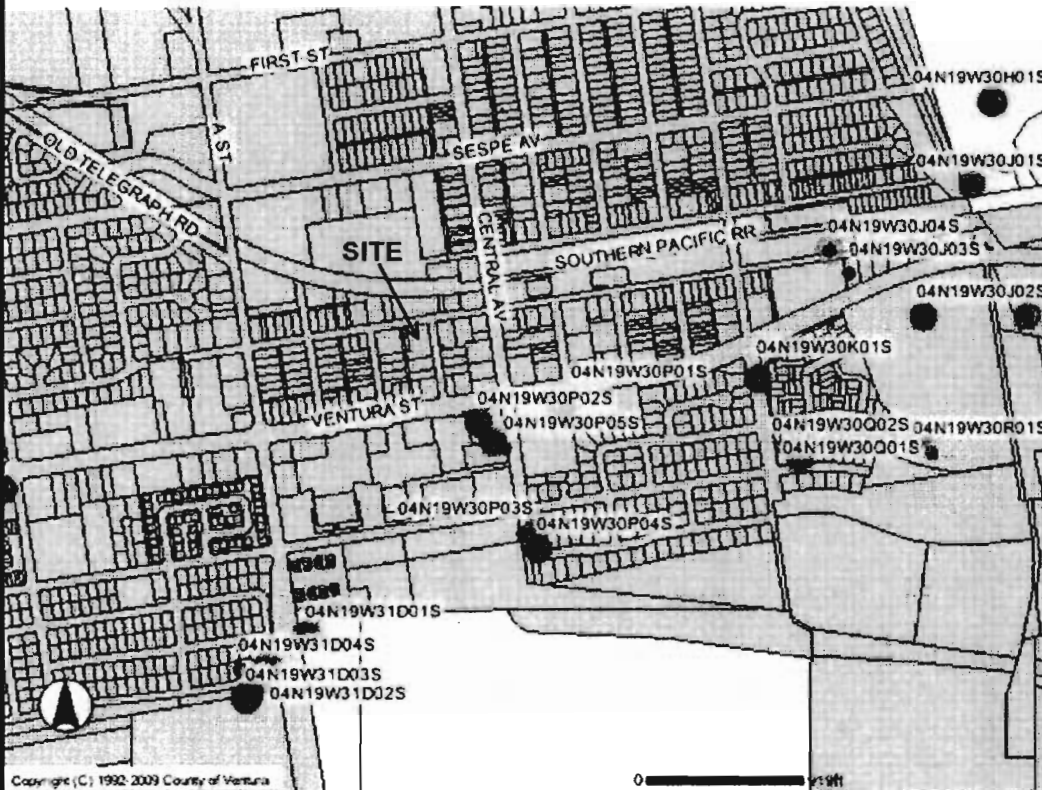
GEOTRACKER MAP SHOWING
ONE WELL WITHIN 1,000 FEET OF SITE

FILLMORE WATER DEPT WELL 02 IS ABANDONED

FIGURE 3

LOCATION MAP SHOWING
NO PUBLIC WELLS WITHIN 1,000 FEET OF SITE

HAL PHILLIPS, INC.
534 SANTA CLARA STREET
FILLMORE, CA
LUFT 89088



Copyright (C) 1992-2009 County of Ventura

0 1000
Approximate Scale

Overview

Legend

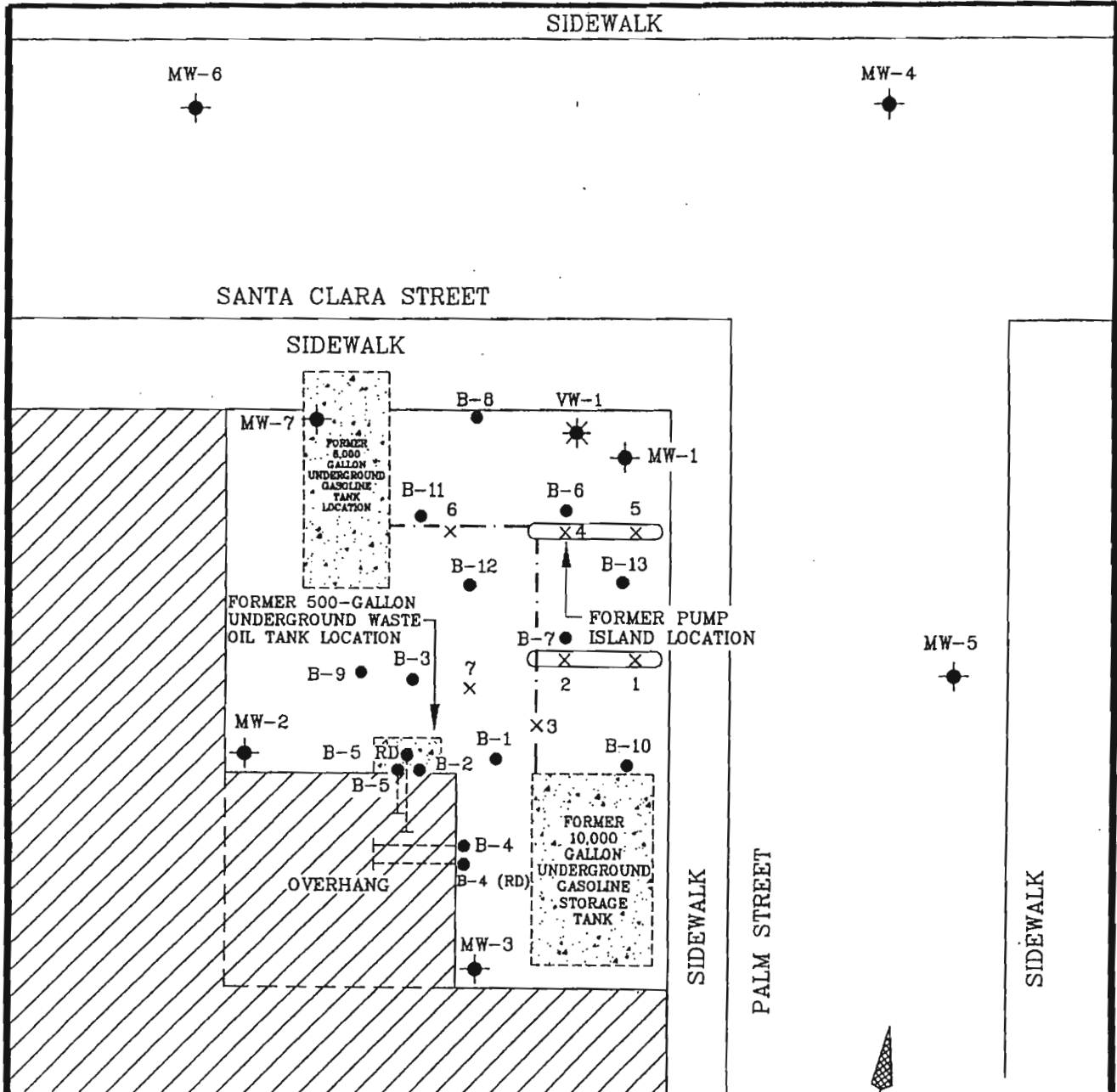
Legend

All Wells Labels

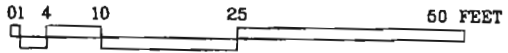
- All Wells
- Springs
- USGS Wells
- Active Wells
- Destroyed Wells
- Abandoned Wells
- Abandoned Hold Wells
- Can't Locate Wells
- Can't Locate Report Wells
- Can't Locate Indeterminate Wells
- Non-Compliant Wells
- Non-Compliant Abandoned Wells

Major Road Name

- Parcel
- ▨ City
- ▩ County Boundary
- ▭ Pacific Ocean
- ▭ Ventura County
- ▭ Adjacent County



SCALE 1" = 20'



KEY

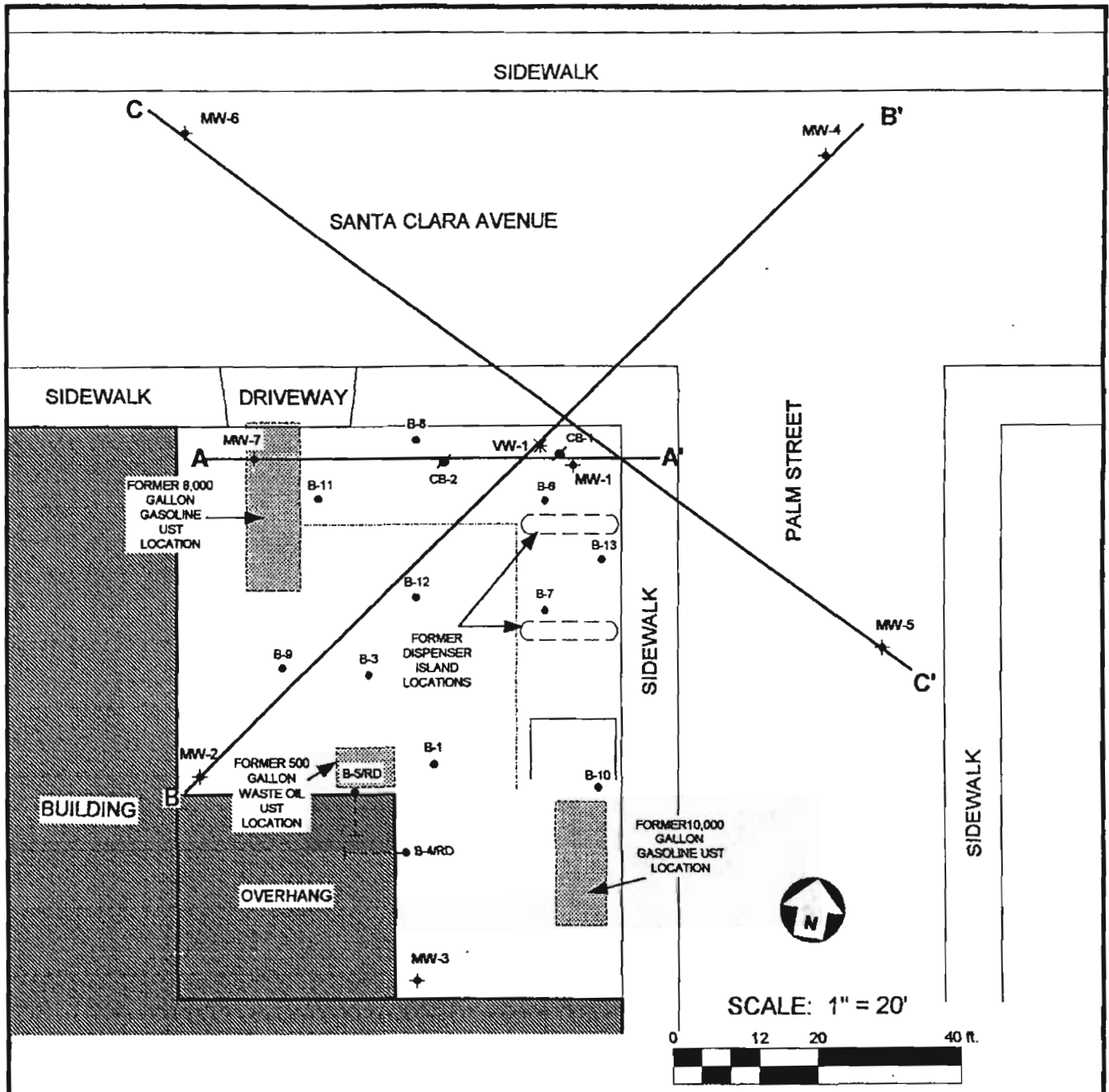
- VAPOR WELL LOCATION
- MONITORING WELL LOCATION
- BORING LOCATION
- SHALLOW SOIL SAMPLE LOCATION
- APPROXIMATE LOCATION OF PRODUCT LINE
- BUILDING

SITE PLAN

HAL PHILLIPS INC
534 Santa Clara Street, Fillmore CA



FIGURE 4



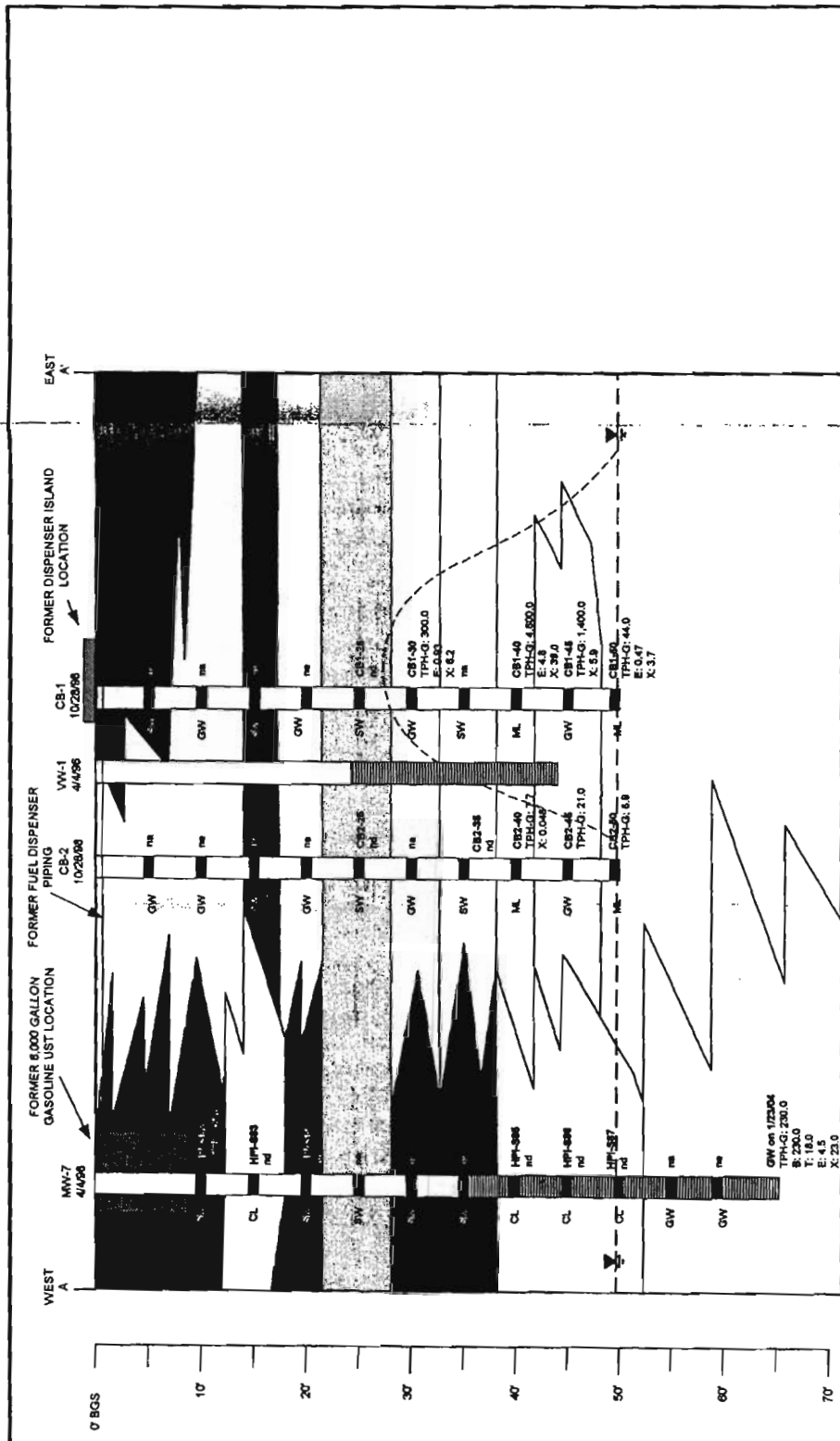
KEY	
CB-1	CONFIRMATION BORING LOCATION
B-12	SOIL BORING LOCATION
MW-1	MONITORING WELL LOCATION
VW-1	VAPOR WELL LOCATION
---	FORMER PRODUCT LINE TRENCH
(---)	DISPENSER ISLAND
[]	FORMER UNDERGROUND TANK LOCATION

SITE PLAN w/LINES OF CROSS SECTIONS
HAL PHILLIPS, INC.
534 SANTA CLARA AVENUE
FILLMORE, CALIFORNIA

ENVIRONMENTAL
230 DOVE COURT • SANTA PAULA, CALIFORNIA • 92368

FIGURE
5

DRAWN BY: DENISE BERRINGTON DATE: 02/24/04



NOTE: AS SOIL SAMPLES WERE NOT COLLECTED DURING THE INSTALLATION OF VAPOR WELL, VW-1, AND SOIL DESCRIPTIONS WERE MADE BASED UPON SOIL CUTTINGS, THE LITHOLOGY OF VW-1 WAS NOT INCLUDED IN THE GENERATION OF THIS CROSS SECTION.

SCALE:
1 Inch = 10 Feet

Figure 6A

KEY

- ML SILT
- CL CLAY
- SP SILTY SAND
- PS POORLY GRADED SAND
- SW WELL GRADED SAND
- SC CLAYEY SAND
- GW WELL GRADED GRAVEL

APPROXIMATE BOUNDARY OF SOIL CONTAMINATION (CONCENTRATIONS ABOVE THE LUFT MCL IN mg/kg)

APPROXIMATE DEPTH OF GROUNDWATER

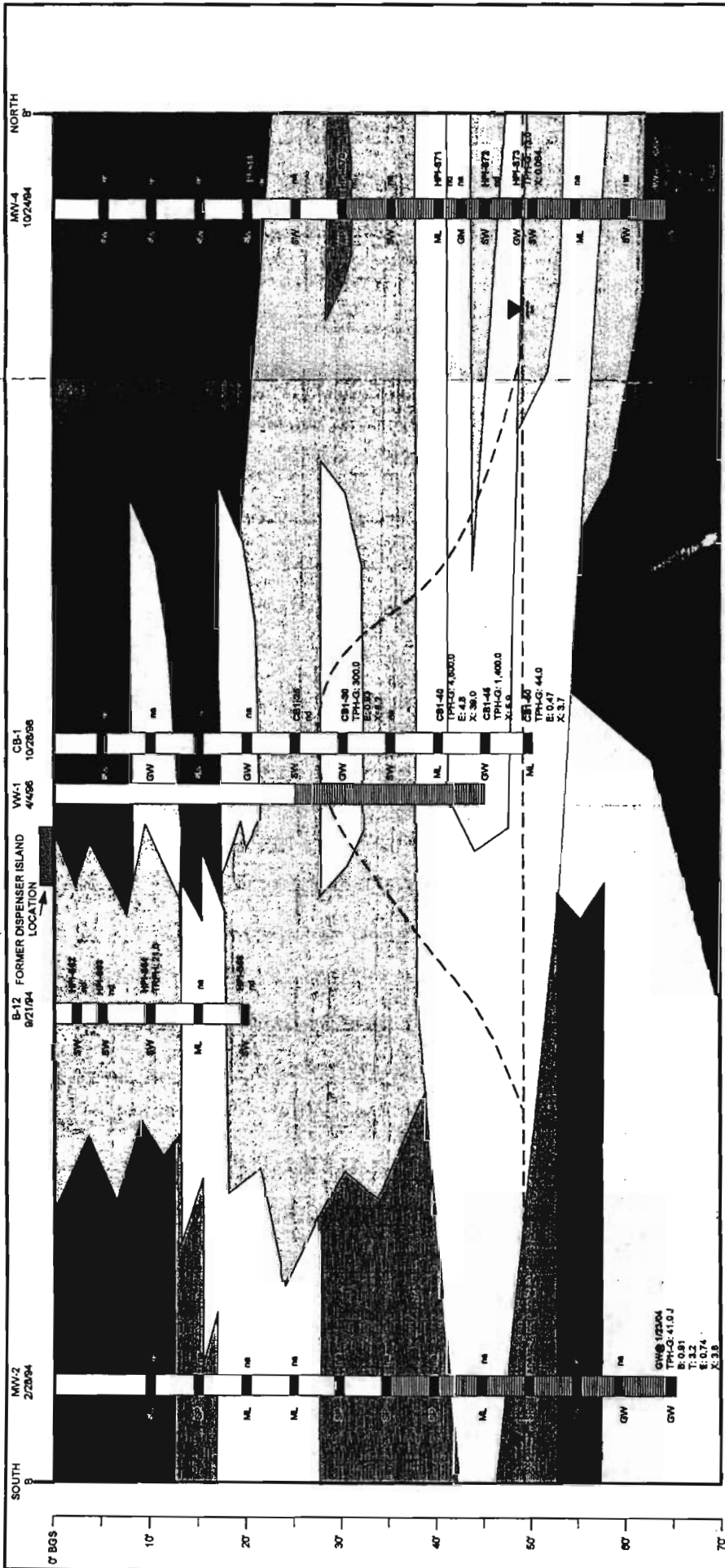
TPH-G: Total Petroleum Hydrocarbons as Gasoline
 MBE: Methyl tertiary-butyl Ether
 B: Benzene
 T: Toluene
 X: Total Xylenes

nd: Not Analyzed
 nre: Not Detected Above Laboratory MDLs

CROSS SECTION A-A'
 HAL PHILLIPS
 534 SANTA CLARA AVENUE
 FILLMORE, CALIFORNIA

ENVIRONMENTAL
 238 BOWEN COURT • SANTA ANA, CALIFORNIA • 92704

DATE: 3/17/04



KEY

ML	SILT
CL	CLAY
SW	SILTY SAND
SC	POORLY GRADED SAND
GW	WELL GRADED SAND
	CLAYEY SAND
	WELL-GRADED GRAVEL

——— APPROXIMATE BOUNDARY OF SOIL CONTAMINATION (CONCENTRATIONS ABOVE THE LUFT MCL IN mg/kg)
 ▽ APPROXIMATE DEPTH OF GROUNDWATER
 TPH-G: Total Petroleum Hydrocarbons as Gasoline
 MBE: Methyl tertiary-butyl Ether
 B: Benzene
 T: Toluene
 E: Ethylbenzene
 X: Total Xylenes
 n.d.: Not Analyzed
 n.d.: Not Detected above Laboratory MDLs

NOTE: AS SOIL SAMPLES WERE NOT COLLECTED DURING THE INSTALLATION OF VAPOR WELL, VW-1, AND SOIL DESCRIPTIONS WERE MADE BASED UPON SOIL CUTTINGS, THE LITHOLOGY OF VW-1 WAS NOT INCLUDED IN THE GENERATION OF THIS CROSS SECTION

SCALE:
1 inch = 10 Feet

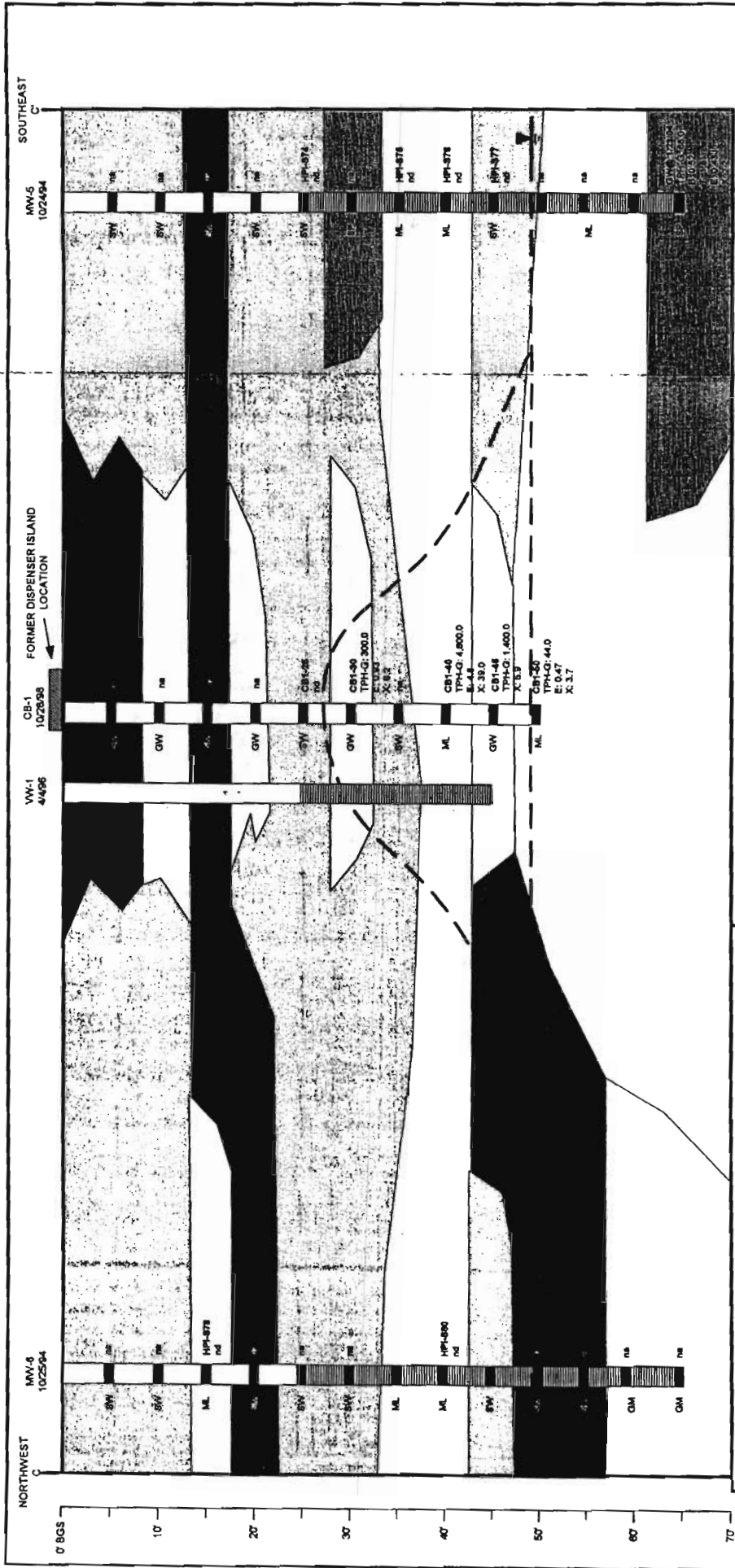
Figure 6B

CROSS SECTION B-B'
HAL PHILLIPS
534 SANTA CLARA AVENUE
FILLMORE, CALIFORNIA



DRAWN BY: ANDY NELSON

DATE: 3/17/04



CROSS SECTION C-C'
HAL PHILLIPS
534 SANTA CLARA AVENUE
FILLMORE, CALIFORNIA

PD ENVIRONMENTAL
 274 BOW COURT • SANTA ANA, CALIFORNIA • 92704

DRAWN BY: ANDY NELSON
 DATE: 3/17/04

NOTE: AS SOIL SAMPLES WERE NOT COLLECTED DURING THE INSTALLATION OF VAPOR WELL, VW-1, AND SOIL DESCRIPTIONS WERE MADE BASED UPON SOIL CUTTINGS, THE LITHOLOGY OF VW-1 WAS NOT INCLUDED IN THE GENERATION OF THIS CROSS SECTION

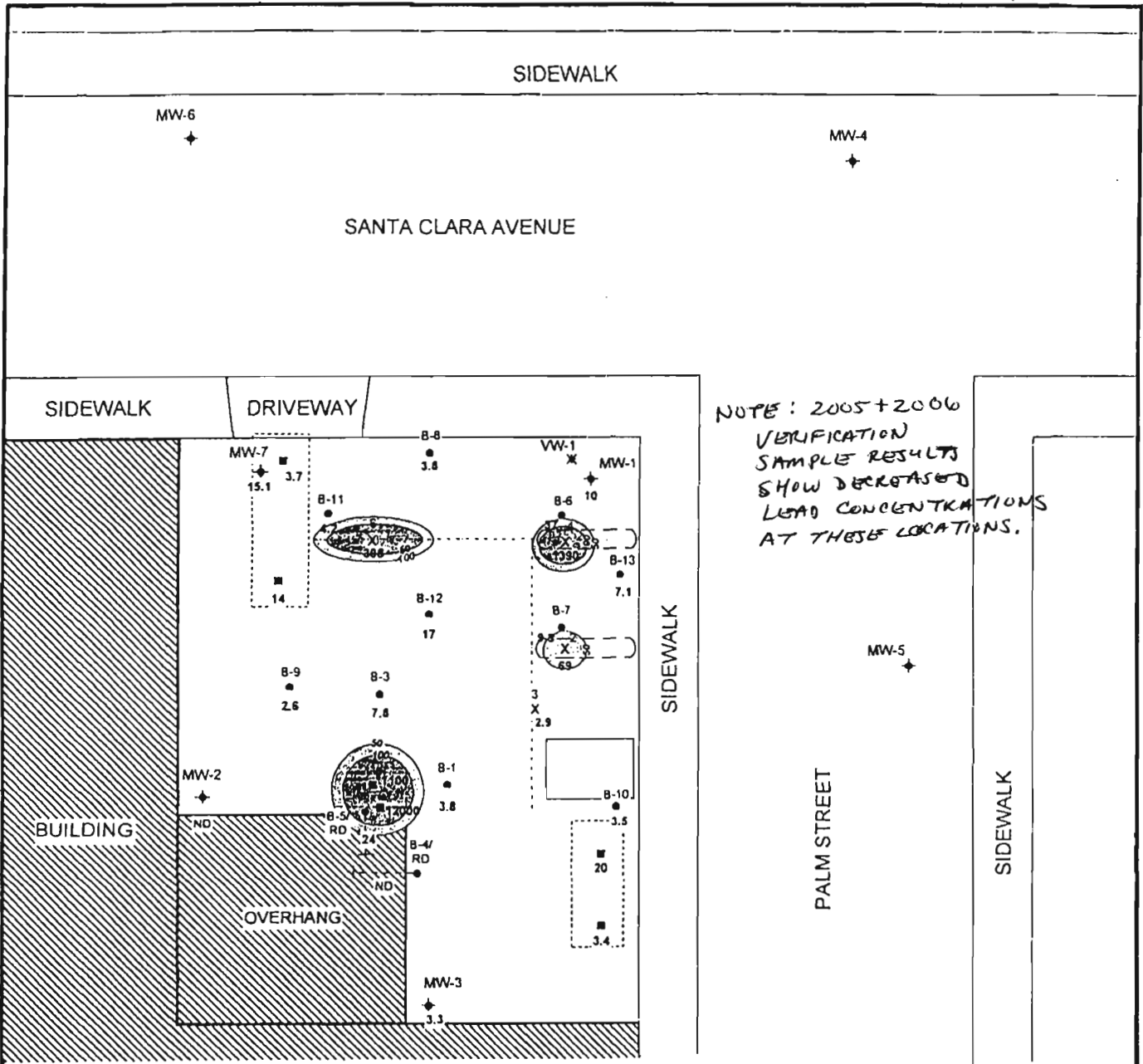
SCALE:
 1 inch = 10 Feet

Figure 6C

KEY

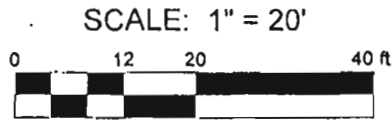
ML	SILT
CL	CLAY
SW	SILTY SAND
GW	POORLY GRADED SAND
SC	WELL GRADED SAND
GW	CLAYEY SAND
GW	WELL GRADED GRAVEL

——— APPROXIMATE BOUNDARY OF SOIL CONTAMINATION (CONCENTRATIONS ABOVE THE LUFT MCL IN mg/Kg)
 - - - APPROXIMATE DEPTH OF GROUNDWATER
 TPH-G: Total Petroleum Hydrocarbons as Gasoline
 MBE: Methyl tertiary-butyl Ether
 B: Benzene
 T: Toluene
 X: Total Xylenes
 na: Not Analyzed
 nd: Not Detected above Laboratory MDLs



NOTE: 2005+2006
VERIFICATION
SAMPLE RESULTS
SHOW DECREASED
LEAD CONCENTRATIONS
AT THESE LOCATIONS.

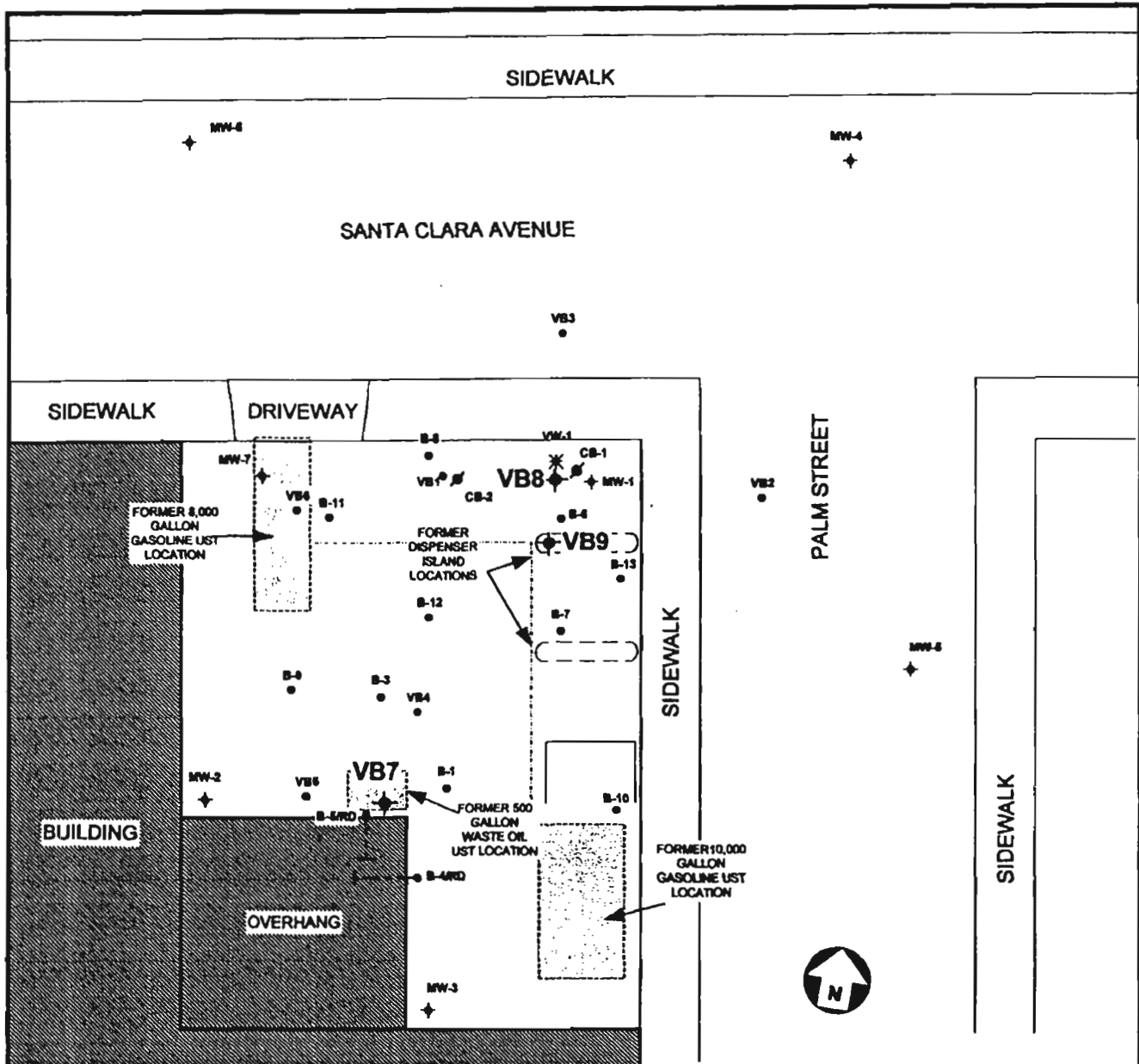
KEY	
■	TANK PULL SAMPLE LOCATION
2	SHALLOW SOIL SAMPLE LOCATION
X	SOIL BORING LOCATION
B-12	SOIL BORING LOCATION
69	TOTAL LEAD CONCENTRATION (mg/kg)
— 50 —	ISOCONCENTRATION - TOTAL LEAD (mg/kg)
---	PRODUCT LINE TRENCH
(---)	DISPENSER ISLAND
X	VAPOR WELL LOCATION
+	MONITORING WELL LOCATION
(---)	FORMER UNDERGROUND TANK LOCATION



TOTAL LEAD DISTRIBUTION
HAL PHILLIPS INC.
 534 SANTA CLARA STREET
 FILLMORE, CA



FIGURE 7



SCALE: 1" = 20'



KEY

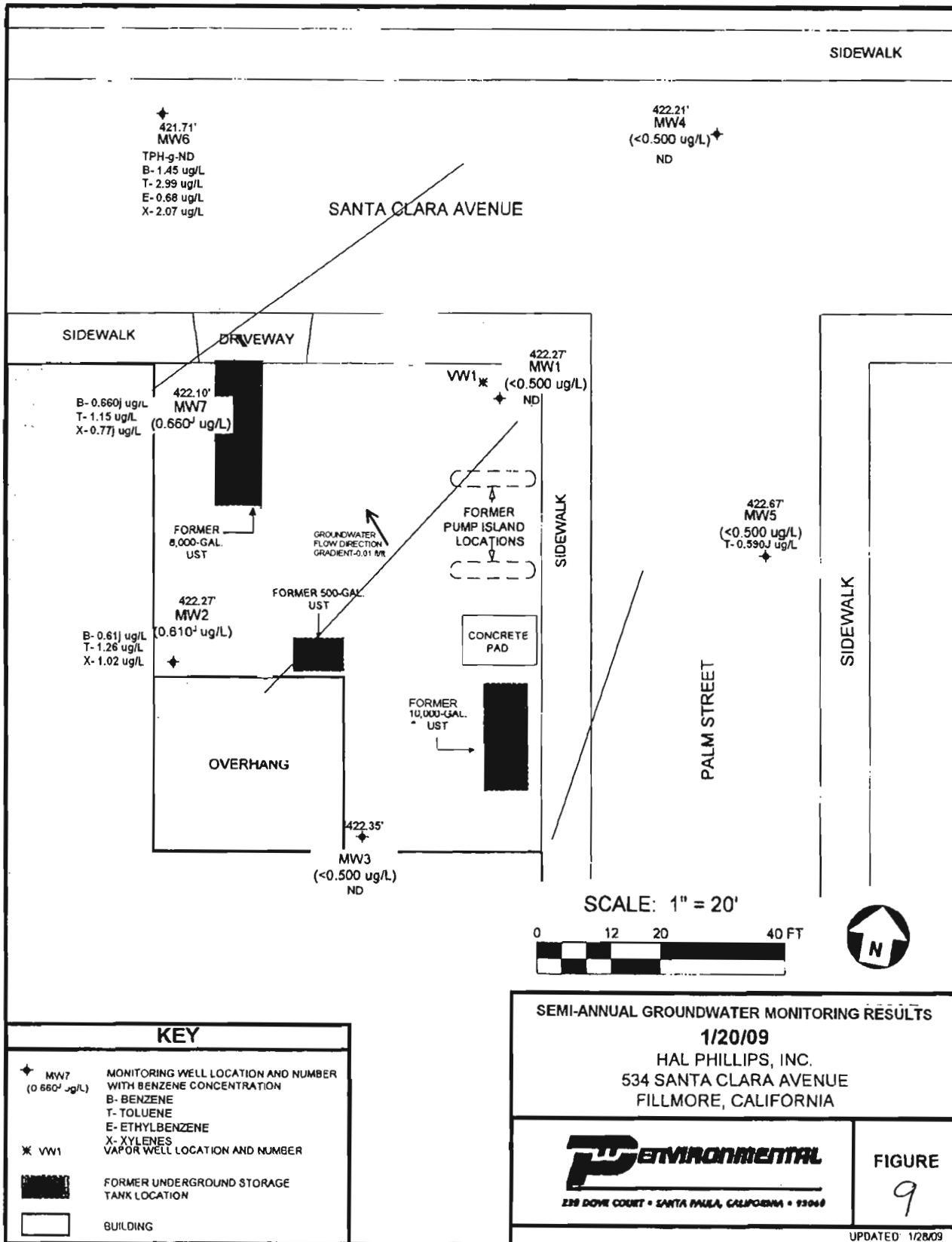
- VB7 SUPPLEMENTAL VERIFICATION ASSESSMENT BORING LOCATION
- CB-1 CONFIRMATION BORING LOCATION
- B-12 SOIL BORING LOCATION
- MW-1 MONITORING WELL LOCATION
- VW-1 VAPOR WELL LOCATION
- FORMER PRODUCT LINE TRENCH
- DISPENSER ISLAND
- FORMER UNDERGROUND TANK LOCATION

SITE PLAN w/ SUPPLEMENTAL VERIFICATION ASSESSMENT BORING LOCATIONS
 HAL PHILLIPS, INC.
 534 SANTA CLARA AVENUE
 FILLMORE, CALIFORNIA

280 DOVE COURT • SANTA PAULA, CALIFORNIA • 93860

FIGURE
 8

DRAWN BY: D. DENNINGTON MODIFIED BY: JLR DATE: 4/18/96



421.71'
MW6
TPH-g-ND
B- 1.45 ug/L
T- 2.99 ug/L
E- 0.68 ug/L
X- 2.07 ug/L

422.21'
MW4
(<0.500 ug/L)◆
ND

SANTA CLARA AVENUE

SIDEWALK

DRIVEWAY

B- 0.660 ug/L
T- 1.15 ug/L
X- 0.77 ug/L

422.10'
MW7
(0.660 ug/L)

FORMER 8,000-GAL. UST

GROUNDWATER FLOW DIRECTION GRADIENT=0.01 BR

FORMER PUMP ISLAND LOCATIONS

422.27'
MW1
(<0.500 ug/L)◆
ND

SIDEWALK

422.67'
MW5
(<0.500 ug/L)◆
T- 0.390 ug/L

B- 0.61 ug/L
T- 1.26 ug/L
X- 1.02 ug/L

422.27'
MW2
(0.610 ug/L)

FORMER 500-GAL. UST

CONCRETE PAD

FORMER 10,000-GAL. UST

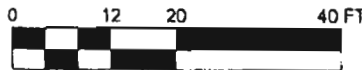
OVERHANG

422.35'
MW3
(<0.500 ug/L)◆
ND

PALM STREET

SIDEWALK

SCALE: 1" = 20'



TABLES

TABLE 1
 SUMMARY OF SOIL SAMPLE RESULTS*
 COLLECTED FEBRUARY 25, 28, and MARCH 1, 1994

HAL PHILLIPS, INC, FILLMORE

SAMPLE NUMBER	LOCATION	DEPTH (feet)	TRPH	TPH	B	T	E	X	PCE	EDC	MC	TPb	SPb
HPI-S1	B-1	10	nd	nt	nd	nd	nd	nd	nd	nd	nd	nd	nt
HPI-S2	B-1	15	nd	nt	nt	nt	nt	nt	nt	nt	nt	3.8	nt
HPI-S3	B-1	25	nd	nt	nt	nt	nt	nt	nt	nt	nt	2.5	nt
HPI-S4	B-1	35	nd	nt	nt	nt	nt	nt	nt	nt	nt	2.9	nt
HPI-S5	B-1	42.5	nd	nt	nt	nt	nt	nt	nt	nt	nd	3.6	nt
HPI-S6	B-2	15	nd	nt	nd	nd	nd	nd	nd	nd	nd	4.5	nt
HPI-S7	B-2	30	nd	nt	nt	nt	nt	nt	nt	nt	nt	2.6	nt
HPI-S8	B-2	35	nd	nt	nt	nt	nt	nt	nt	nt	nt	2.5	nt
HPI-S9	B-2	42.5	nd	nt	nt	nt	nt	nt	nt	nt	nt	2.5	nt
HPI-S10	B-3	10	200	nt	nd	nd	nd	nd	nd	nd	nd	7.8	nt
HPI-S11	B-3	15	nd	nt	nt	nt	nt	nt	nt	nt	nt	4.2	nt
HPI-S12	B-3	25	nd	nt	nt	nt	nt	nt	nt	nt	nt	nd	nt
HPI-S13	B-3	35	nd	nt	nt	nt	nt	nt	nt	nt	nt	3.9	nt
HPI-S14	B-3	42.5	nd	nt	nt	nt	nt	nt	nt	nt	nt	3.8	nt
HPI-S15	LOC #4	15	nt	nd	nd	nd	nd	nd	nt	nt	nt	1390	131
HPI-S16	LOC #2	15	nt	nd	nd	nd	nd	nd	nt	nt	nt	69	nt
HPI-S17	LOC #6	15	nt	nd	nd	nd	nd	nd	nt	nt	nt	32	nt
HPI-S18	LOC #3	15	nt	nd	nd	nd	nd	nd	nt	nt	nt	2.9	nt
HPI-S19	MW-1	20	nt	nd	nd	nd	nd	nd	nt	nt	nt	10	nd
HPI-S20	MW-1	35	nt	450	nd	nd	1.6	17	nt	nt	nt	nd	nt
HPI-S21	MW-1	40	nt	630	nd	nd	nd	nd	nt	nt	nt	4.4	nt
HPI-S22	MW-1	45	nt	210	nd	nd	nd	nd	nt	nt	nt	2.8	nt
	MDL		20.0	1.0	0.005	0.005	0.005	0.01	0.005	0.005	0.05	0.05	0.005

TABLE 1 (continued)
 SUMMARY OF SOIL SAMPLE RESULTS*
 COLLECTED FEBRUARY 25, 28, and MARCH 1, 1994

HAL PHILLIPS, INC, FILLMORE

SAMPLE NUMBER	LOCATION	DEPTH (feet)	TRPH	TPH	B	T	E	X	PCE	EDC	MC	TPb	SPb
HPI-S23	MW-2	10	nd	nt	nd	nd	nd	nd	0.01	nd	nd	nd	nt
HPI-S24	MW-2	15	nd	nt	nt	nt	nt	nt	nt	nt	nt	4.3	nt
HPI-S25	MW-2	35	nd	nt	nt	nt	nt	nt	nt	nt	nt	3.5	nt
HPI-S26	MW-2	42.5	nd	nt	nt	nt	nt	nt	nt	nt	nt	4.2	nt
HPI-S27	B-4	11.75	nd	nt	nd	nd	nd	nd	nd	nd	0.011	nd	nt
HPI-S28	B-4	17	nd	nt	nt	nt	nt	nt	nt	nt	nt	3.6	nt
HPI-S29	B-4	22	nd	nt	nt	nt	nt	nt	nt	nt	nt	nd	nt
HPI-S30	B-4(RD)	44	nd	nt	nt	nt	nt	nt	nt	nt	nt	3.6	nt
HPI-S31	MW-3	15	nd	nt	nt	nt	nt	nt	nt	nt	nt	3.3	nt
HPI-S32	MW3	35	nd	nt	nt	nt	nt	nt	nt	nt	nt	nd	nt
HPI-S33	MW3	42.5	nd	nt	nd	nd	nd	nd	nd	nd	nd	3.9	nt
	MDL		20.0	1.0	0.005	0.005	0.005	0.01	0.005	0.005	0.05	2.5	0.005

TABLE 1 (continued)
 SUMMARY OF SOIL SAMPLE RESULTS*
 COLLECTED SEPTEMBER 12, 13, AND 21, 1994

HAL PHILLIPS, INC, FILLMORE

SAMPLE NUMBER	LOCATION	DEPTH (feet)	TRPH	TPH	B	T	B	X	PCE	EDC	MC	TPb	SPb
HPI-S34	B-6	5	nt	nd	nd	nd	nd	nd	nt	nt	nt	308	22
HPI-S35	B-7	5	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.9	nt
HPI-S36	B-5 RD	12	370	nt	nd	nd	nd	nd	0.006	nd	nd	2.4	nt
HPI-S37	B-5 RD	17	nd	nt	nd	nd	nd	nd	nd	nd	nd	nd	nt
HPI-S38	B-5 RD	28	nd	nt	nd	nd	nd	nd	nd	nd	nd	nd	nt
HPI-S39	B-5 RD	43	nd	nt	nd	nd	nd	nd	nd	nd	nd	3.1	nt
HPI-S40	B-9	10	33	nd	nd	nd	nd	nd	nt	nt	nt	2.6	nt
HPI-S41	B-9	20	nd	nd	nd	nd	nd	nd	nt	nt	nt	nd	nt
HPI-S42	B-9	30	nd	nd	nd	nd	nd	nd	nt	nt	nt	nd	nt
HPI-S43	B-9	43	nd	nd	nd	nd	nd	nd	nt	nt	nt	3.0	nt
HPI-S44	B-6	11	nt	nd	nd	nd	nd	nd	nt	nt	nt	37	0.9
HPI-S45	B-6	20	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.5	nt
HPI-S46	B-7	10	nt	nd	nd	nd	nd	nd	nt	nt	nt	9.8	nt
HPI-S47	B-7	20	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.0	nt
HPI-S48	B-8	2	nt	nd	nd	nd	nd	nd	nt	nt	nt	4.7	nt
HPI-S49	B-8	5	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.8	nt
HPI-S50	B-8	10	nt	nd	nd	nd	nd	nd	nt	nt	nt	4.8	nt
HPI-S51	B-8	20	nt	nd	nd	nd	nd	nd	nt	nt	nt	2.9	nt
MDL			2.0	0.005	0.005	0.005	0.005/0.010	0.005	0.005	0.005	0.05	0.1	0.005

TABLE 1 (continued)
 SUMMARY OF SOIL SAMPLE RESULTS*
 COLLECTED SEPTEMBER 12, 13, AND 21, 1994

HAL PHILLIPS, INC, FILLMORE

SAMPLE NUMBER	LOCATION	DEPTH (feet)	TRPH	TPH	B	T	E	X	PCE	EDC	MC	TPb	SPb
HPI-S52	B-10'	2	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.5	nt
HPI-S53	B-10'	5	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.6	nt
HPI-S54	B-10'	15	nt	nd	nd	nd	nd	nd	nt	nt	nt	5.2	nt
HPI-S55	B-10'	25	nt	nd	nd	nd	nd	nd	nt	nt	nt	nd	nt
HPI-S56	B-10'	35	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.9	nt
HPI-S57	B-10'	45	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.5	nt
HPI-S58	B-11	2	nt	nd	nd	nd	nd	nd	nt	nt	nt	4.2	nt
HPI-S59	B-11	8	nt	nd	nd	nd	nd	nd	nt	nt	nt	nd	nt
HPI-S60	B-11	10	nt	nd	nd	nd	nd	nd	nt	nt	nt	2.6	nt
HPI-S61	B-11	20	nt	nd	nd	nd	nd	nd	nt	nt	nt	2.8	nt
HPI-S62	B-12	2	nd	nd	nd	nd	nd	nd	nt	nt	nt	17	nt
HPI-S63	B-12	5	nd	nd	nd	nd	nd	nd	nt	nt	nt	nd	nt
HPI-S64	B-12	10	21	nd	nd	nd	nd	nd	nt	nt	nt	2.7	nt
HPI-S65	B-12	20	nd	nd	nd	nd	nd	nd	nt	nt	nt	3.2	nt
HPI-S66	B-13	2	nt	nd	nd	nd	nd	nd	nt	nt	nt	7.1	nt
HPI-S67	B-13	10	nt	nd	nd	nd	nd	nd	nt	nt	nt	2.9	nt
HPI-S68	B-13	20	nt	nd	nd	nd	nd	nd	nt	nt	nt	4.2	nt
MDL			1.0	0.005	0.005	0.005	0.005/0.010	0.005	0.005	0.005	0.05	0.1	0.005

TABLE 1 (continued)
SUMMARY OF SOIL SAMPLE RESULTS*
COLLECTED SEPTEMBER 12, 13, AND 21, 1994

HAL PHILLIPS, INC, FILLMORE

SAMPLE NUMBER	LOCATION	DEPTH (feet)	TRPH	TPH	B	T	E	X	PCE	EDC	MC	TPb	SPb
HPI-S69	MW-4	20	nt	nd	nd	nd	nd	nd	nt	nt	nt	5.7	nt
HPI-S70	MW-4	33	nt	nd	nd	nd	nd	nd	nt	nt	nt	6	nt
HPI-S71	MW-4	40	nt	nd	nd	nd	nd	nd	nt	nt	nt	5.8	nt
HPI-S72	MW-4	45	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.6	nt
HPI-S73	MW-4	47.5	nt	13	nd	nd	nd	0.064	nt	nt	nt	5.2	nt
HPI-S74	MW-5	25	nt	nd	nd	nd	nd	nd	nt	nt	nt	4.4	nt
HPI-S75	MW-5	35	nt	nd	nd	nd	nd	nd	nt	nt	nt	6.1	nt
HPI-S76	MW-5	40	nt	nd	nd	nd	nd	nd	nt	nt	nt	6.7	nd
HPI-S77	MS-5	45	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.8	nt
HPI-S78	MW-6	15	nt	nd	nd	nd	nd	nd	nt	nt	nt	6.7	nt
HPI-S79	MW-6	35	nt	nd	nd	nd	nd	nd	nt	nt	nt	5.9	nt
HPI-S80	MW-6	40	nt	nd	nd	nd	nd	nd	nt	nt	nt	6	nt
HPI-S81	MW-6	45	nt	nd	nd	nd	nd	nd	nt	nt	nt	3.2	nt
MDL			1.0	0.005	0.005	0.005	0.005/0.010	0.005	0.005	0.005	0.05	0.1	0.005

* Results reported in milligrams per kilogram (mg/kg), except for SPb which is reported in milligrams per litre (mg/l).
Results above the MDLs employed are presented in bold. Samples were analyzed by EPA Methods 418.1, 7421, 8020, 8240, and 6010.

TRPH	Total recoverable petroleum hydrocarbons	EDC	1,2-Dichloroethane
TPH	Total petroleum hydrocarbons	MC	Methylene Chloride
B	Benzene	TPb	Total lead
T	Toluene	SPb	Soluble lead
E	Ethylbenzene	nd	not detected at or above MDL
X	Total Xylenes	nt	not tested
PCE	Tetrachloroethene		
MDL	Minimum Detection Limits employed by the Laboratory.		

TABLE 1 (continued)
SUMMARY OF SOIL SAMPLE RESULTS*
COLLECTED APRIL 4, 1996

HAL PHILLIPS, INC, FILLMORE

SAMPLE NUMBER	LOCATION	DEPTH (feet)	TRPH	TPH-G	BTEX	ACE	o-DCB	p-DCB	MTBE	PCA	PCE	TPb
HPI-882	MW-7	10	89	nd	nd	460	12	7	nd	15	18	15.1
HPI-883	MW-7	15	nd	nd	nd	360	nd	nd	nd	nd	nd	1.3
HPI-884	MW-7	20	nd	nd	nd	260	nd	nd	nd	nd	nd	nd
HPI-885	MW-7	40	nd	nd	nd	110	nd	nd	nd	nd	nd	nd
HPI-886	MW-7	45	nd	nd	nd	74	nd	nd	nd	nd	nd	nd
HPI-887	MW-7	50	nd	nd	nd	70	nd	nd	nd	nd	nd	nd
	MDL		1.0	10	0.005	0.05	0.005	0.005	0.01	0.005	0.05	1.0

* Results reported in milligrams per kilogram (mg/kg), except for TPb which is reported in milligrams per litre (mg/l). Results above the MDLs employed are presented in bold. Samples were analyzed by EPA Methods 418.1, 7421, 8020, 8240, and 6010.

TRPH	Total recoverable petroleum hydrocarbons	PCA	1,1,2,2 Tetrachloroethane
TPH	Total petroleum hydrocarbons	PCE	Tetrachloroethene
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes	TPb	Total lead
ACE	Acetone	nd	not detected at or above MDL
o-DCB	1,2 (ortho)Dichlorobenzene		
p-DCB	1,4 (para)Dichlorobenzene		
PCE	Tetrachloroethene		
MTBE	Methyl tertiary-butyl Ether		
MDL	Minimum Detection Limits employed by the Laboratory.		

TABLE 1 (continued)
SUMMARY OF SOIL SAMPLE RESULTS*
COLLECTED OCTOBER 28, 1998

HAL PHILLIPS, INC, FILLMORE

SAMPLE NUMBER	LOCATION	DEPTH (feet)	TPH-G	B	T	E	X	MTBE	BB	IPB	P-IPT	N	P-PB	TMB	TPb
CB1-25	CB-1	25	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	52
CB1-30	CB-1	30	300	nd	0.93	6.2	nd	nd	2.54	nd	0.95	5.9	1.1	16.9	2.5
CB1-40	CB-1	40	4600	nd	4.8	39	nd	nd	9.1	3.5	7.9	6.6	4.2	69	4.0
CB1-45	CB-1	45	1400	nd	nd	5.9	nd	nd	3.9	1.5	2.7	6.2	1.8	25.3	2.4
CB1-50	CB-1	50	44	nd	0.47	0.37	nd	nd	0.162	0.055	0.2	0.087	nd	2.44	4.2
CB2-25	CB-2	25	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.0063	2.7
CB2-35	CB-2	35	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	2.5
CB2-40	CB-2	40	7.7	nd	nd	0.048	nd	nd	nd	nd	0.038	nd	nd	0.742	3.3
CB2-45	CB-2	45	21	nd	nd	nd	nd	nd	0.0063	nd	0.0077	nd	nd	0.015	2.5
CB2-50	CB-2	50	6.9	nd	nd	nd	nd	nd	0.0067	nd	nd	nd	nd	0.011	4.1
	MDL		1.0	0.005	0.005	0.005/0.010	0.005	0.005	0.005	0.005	0.05	0.1	0.005	0.005	1.0

* Results reported in milligrams per kilogram (mg/kg). Results above the MDLs employed are presented in bold. Samples were analyzed by EPA Methods 8260, 7421, and 8020.

TPH-G Total petroleum hydrocarbons as gasoline - quantified against a gasoline standard

B Benzene

T Toluene

E Ethylbenzene

X Total Xylenes

MTBE Methyl tertiary-butyl Ether

BB Total of n-, sec-, and tert-Butylbenzene

IPB Isopropylbenzene

MDL Minimum Detection Limits employed by the Laboratory.

P-IPT p-Isopropyltoluene

N Naphthalene

n-PB n-Propylbenzene

TMB Total of 1,2,4- and 1,3,5-Trimethylbenzene

TPb total lead

nd not detected at or above MDL

TABLE 1

SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS*

COLLECTED APRIL 11 and 12, 2006

HAL PHILLIPS

VCEHD LUFT FILE #C89088; Global ID# T0611100497

Sample ID	Depth (feet)	TPH-G	TPH-D	B	T	E	X	MtBE	tBA	DIPE	EtBE	lAME	Total Lead	STLC Lead
VB7-2	10'	0.160	<5.1	<0.00055	0.00091 ¹	0.0089	0.072	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	49.00	1.04
VB7-3	15'	<0.032	300	<0.00055	<0.00060	<0.00066	<0.00044	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	28.00	na
VB7-4	20'	<0.032	<5.1	<0.00055	<0.00060	<0.00066	<0.00044	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	4.60	na
VB7-7	35'	<0.032	<5.1	<0.00055	<0.00060	<0.00066	<0.00044	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	4.30	na
VB7-10	30'	<0.032	<5.1	<0.00055	<0.00060	<0.00066	<0.00044	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	3.80	na
VB7-12	60'	0.074 ¹	<5.1	<0.00055	<0.00060	<0.00066	<0.00044	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	2.50	na
VB8-1	5'	<0.032	<5.1	<0.00055	<0.00060	<0.00066	<0.00044	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	12.00	na
VB8-2	10'	0.2	<5.1	<0.00055	0.0012 ¹	0.0066	0.045	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	na	na
VB8-8	40'	240	<5.1	<0.00055	<0.00060	<0.00066	<0.00044	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	2.40	na
VB8-10	50'	0.037 ¹	<5.1	<0.00055	<0.00060	<0.00066	0.00093 ¹	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	4.50	na
VB8-12	60'	0.560	<5.1	<0.00055	<0.00060	0.0032 ¹	0.018	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	4.30	na
VB9-1	5'	0.160	<5.1	<0.00055	<0.00060	0.0015 ¹	0.019	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	140.00	4.55
VB9-2	10'	0.094 ¹	<5.1	<0.00055	<0.0015 ¹	0.0017 ¹	0.019	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	48.00	na
VB9-3	15'	<0.032	<5.1	<0.00055	<0.00060	<0.00066	<0.00044	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	60.00	1.06
VB9-4	20'	0.050 ¹	<5.1	<0.00055	<0.00060	0.0012 ¹	0.010	<0.00057	<0.0064	<0.00055	<0.00051	<0.00049	17.00	na
MDL		0.032	5.1	0.00055	0.00060	0.00066	0.00044	0.00057	0.0064	0.00055	0.00051	0.00049	2.20	0.36
AL		1.00	1.00	0.001	0.15	0.70	1.75	0.005	nl	nl	nl	nl	50.00	nl

TABLE 1 (continued)

SUMMARY OF SOIL SAMPLE RESULTS*
COLLECTED FEBRUARY 2, 3, AND 4, 2005

HAL PHILLIPS

VCEHD LUFT FILE #C89088; Global ID# T0611100497

FOOTNOTES

* Reported in milligrams per kilogram (mg/kg). Results above the MDLs are presented in **Bold**. The samples were analyzed by EPA Test Methods 8015M, 8260B, and 6020.

TPH-G Total petroleum hydrocarbons as gasoline - quantified against a gasoline standard

TPH-D Total petroleum hydrocarbons as diesel - quantified against a diesel standard

B Benzene

T Toluene

E Ethylbenzene

X Total Xylenes

EDC 1,2-dichloroethane

EDB 1,2-dibromoethane

J Estimated concentration. The result is less than the PQL, but greater than the MDL.

a) No MCL listed for TPH-G or TPH-D. Value represents generally accepted guidelines for TPH-G and TPH-D in groundwater published in other jurisdictions of California.

MDL Method Detection Limits employed by the testing laboratory. The MDLs may have been raised for samples containing elevated concentrations of contaminants or insufficient sample qua

Complete analytical results and chain of custody documentation are included in Appendix C.

MtBE	Methyl tertiary-butyl ether
tBA	tertiary-butyl alcohol
LAME	tertiary-amyyl methyl ether
DIPE	Di-isopropyl ether
EtBE	Ethyl tertiary-butyl ether
EOH	Ethanol
na	not analyzed for this constituent

TABLE 1A

SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS*
 COLLECTED FEBRUARY 2, 3, AND 4, 2005
 HAL PHILLIPS
 VCEHD LUFT FILE #C89088; Global ID# T0611100497

Sample ID	TPH-G	TPH-D	B	T	E	X	MtBE	tBA	EtBE	tAME	DIPE	EDB	EDC	Dis. Lead
VB1	130.00	<0.14	0.41 ^J	0.74	0.34 ^J	0.54	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	0.10 ^J
VB2	130.00	0.92	0.43 ^J	0.94	0.58	0.55 ^J	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	0.10 ^J
VB3	150.00	1.40	3.60	3.80	1.00	1.80	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	0.82	0.09 ^J
VB4	640.00	<0.41	0.51	1.00	0.68	0.64 ^J	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	<0.05
VB5	62.00	0.45 ^J	0.31 ^J	0.67	0.41 ^J	<1.50	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	0.20 ^J
VB6	<35.00	0.66	0.18 ^J	0.27 ^J	<0.16	<0.54	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	0.20 ^J
DUP	na	na	0.51	0.96	0.62	0.63 ^J	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	na
TB	na	na	<0.17	<0.22	<0.16	<0.54	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	na
MDL	35.00	0.41	0.17	0.22	0.16	0.54	0.32	11.00	0.27	0.29	0.27	0.21	0.21	0.05
MCL	1,000.00 ^{a)}	1,000.00 ^{a)}	1.00	150.00	700.00	1750.00	5.00	12.00	nl	nl	nl	0.50	0.05	

* Reported in micrograms per liter (µg/l). Results above the MCLs are presented in Bold. The samples were analyzed by EPA Test Methods 8015M, 8260B, and 6020.

- TPH-G Total petroleum hydrocarbons as gasoline – quantified against a gasoline standard
- TPH-D Total petroleum hydrocarbons as diesel – quantified against a diesel standard
- B Benzene
- T Toluene
- E Ethylbenzene
- X Total Xylenes
- EDC 1,2-dichloroethane
- EDB 1,2-dibromoethane
- J Estimated concentration. The result is less than the PQL, but greater than the MDL.
- I Probable laboratory contamination. This analyte was found in the laboratory method blank at a comparable level.
- a) No MCL listed for TPH-G or TPH-D. Value represents generally accepted guidelines for TPH-G and TPH-D in groundwater published in other jurisdictions of California.
- MDL Method Detection Limits employed by the testing laboratory. The MDLs may have been raised for samples containing elevated concentrations of contaminants or insufficient sample quantity.
- MCL Maximum Contaminant Levels for water, California Regional Water Quality Control Board, January 18, 1995 and March 12, 1999 Memorandums.

Complete analytical results and chain of custody documentation are included in Appendix C.

- MtBE Methyl tertiary-butyl ether
- tBA tertiary-butyl alcohol
- tAME tertiary-amylyl methyl ether
- DIPE Di-isopropyl ether
- EtBE Ethyl tertiary-butyl ether
- EOH Ethanol
- DUP Duplicate sample collected from MW4
- TB Trip Blank
- na not analyzed for this constituent

TABLE 1A

SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS*
 COLLECTED APRIL 11 and 12, 2006
 HAL PHILLIPS
 VCEHD LUFT FILE #C89088; Global ID# T0611100497

Sample ID	TPH-G	TPH-D	B	T	E	X	MtBE	tBA	EtBE	tAME	DIPE	Dis. Lead
VB7	50.00	<140	<0.13	<0.13	<0.11	<0.10	<0.11	<2.2	<0.080	<0.10	<0.10	<18.00
VB8	550.00	<140	0.16 ^J	<0.13	13	70	<0.11	2.6 ^J	<0.080	<0.10	<0.10	<18.00
DUP	610.00	<140	0.17 ^J	0.14 ^J	14	70	<0.11	4.3 ^J	<0.080	<0.10	<0.10	<18.00
TB	na	<140	<0.13	<0.13	<0.11	<0.10	<0.11	<2.2	<0.080	<0.10	<0.10	<18.00
MDL	23.00	140.00	0.13	0.13	0.11	0.10	0.11	2.2	0.080	0.10	0.10	18.00
MCL	1,000.00 ^{a)}	1,000.00 ^{a)}	1.00	150.00	700.00	1,750.00	5.00	12.00	ni	ni	ni	15,000.00

* Reported in micrograms per liter (µg/l). Results above the MCLs are presented in Bold. The samples were analyzed by EPA Test Methods 8015M, 8260B, and 6020.

TPH-G Total petroleum hydrocarbons as gasoline - quantified against a gasoline standard
 TPH-D Total petroleum hydrocarbons as diesel - quantified against a diesel standard
 B Benzene
 T Toluene
 E Ethylbenzene
 X Total Xylenes
 DUP Duplicate sample collected from VB8
 TB Trip Blank
 J Estimated concentration. The result is less than the PQL, but greater than the MDL.
 I Probable laboratory contamination. This analyte was found in the laboratory method blank at a comparable level.
 a) No MCL listed for TPH-G or TPH-D. Value represents generally accepted guidelines for TPH-G and TPH-D in groundwater published in other jurisdictions of California.

MDL Method Detection Limits employed by the testing laboratory. The MDLs may have been raised for samples containing elevated concentrations of contaminants or insufficient sample quantity.
 MCL Maximum Contaminant Levels for water, California Regional Water Quality Control Board, January 18, 1995 and March 12, 1999 Memorandums.
 Complete analytical results and chain of custody documentation are included in Appendix D.

TABLE 2A

WELL CONSTRUCTION AND HYDROLOGIC DATA FOR JANUARY 20, 2009
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	WELL CONSTRUCTION DATA						HYDROLOGIC DATA		GPS DATA	
	Date Installed	Total Depth (ft btc)	Casing Diameter (in)	Boring Diameter (in)	Screened Interval (ft btc)	Top of Casing (ft amsl)	Groundwater Depth (ft btc)	Groundwater Elevation (ft amsl)	Latitude Degrees North	Longitude Degrees West
MW1	02/25/94	65	2	8	35-65	469.72	47.45	422.27	34.3979757	118.9145666
MW2	02/28/94	65	2	8	35-65	468.92	46.65	422.27	34.3978610	118.9147019
MW3	03/01/94	65	2	8	35-65	468.82	46.47	422.35	34.3977943	118.9145590
MW4	10/24/94	65	2	8	25-65	470.28	48.07	422.21	34.3981012	118.9144813
MW5	10/24/94	65	2	8	25-65	469.00	46.33	422.67	34.3979174	118.9144143
MW6	10/25/94	65	2	8	25-65	469.16	47.45	421.71	34.3980737	118.9147705
MW7	04/04/96	65	2	8	35-65	468.93	46.83	422.10	34.3979723	118.9147128

Top of casings were surveyed by PW Environmental on August 17, 1998. The top of casing elevation for MW1 was approximated using contour elevation data obtained from USGS Topographic Map of the Fillmore Quadrangle, 1951. The remaining site wells were surveyed relative to MW1. GPS location services provided on July 24, 2001, by Geocacion.

btc below top of casing
 amsl above mean sea level
 nm not measured due to site restriction

TABLE 2

**HISTORICAL GROUNDWATER ELEVATION AND FLOW DATA
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497**

Date of Monitoring Event	Groundwater Elevations (ft asmf)										Approximate Groundwater Flow Data	
	MW1	MW2	MW3	MW4	MW5	MW6	MW7	Gradient	Direction	Gradient	Direction	
03/10/94	424.49	424.48	424.56	ni	ni	ni	ni	ni	0.002	West	0.002	West
10/31/94	423.21	423.23	423.28	423.18	423.71	422.69	ni	ni	0.008	West	0.008	West
01/18/95	424.78	424.88	424.98	424.71	425.17	424.28	ni	ni	0.007	West	0.007	West
04/17/96	425.36	425.31	425.38	425.36	425.76	424.97	425.18	425.18	0.006	Northwest	0.006	Northwest
08/12/96	422.03	421.98	422.05	422.05	422.49	421.63	421.90	421.90	0.007	West	0.007	West
11/13/96	421.46	421.42	421.50	421.50	422.00	421.00	421.28	421.28	0.008	Northwest	0.008	Northwest
04/28/97	422.75	422.75	422.78	422.83	423.20	422.47	422.69	422.69	0.006	West	0.006	West
07/31/97	420.45	420.40	420.44	420.48	420.91	420.07	420.34	420.34	0.006	Northwest	0.006	Northwest
10/28/97	420.82	420.77	420.84	420.83	421.36	420.36	420.64	420.64	0.008	West	0.008	West
01/27/98	422.04	422.00	422.06	422.08	422.52	421.67	421.87	421.87	0.007	Northwest	0.007	Northwest
04/23/98	429.55	429.42	429.43	429.68	429.92	429.45	429.51	429.51	0.004	West	0.004	West
07/16/98	428.60	428.51	428.55	428.69	428.98	428.39	428.52	428.52	0.005	West	0.005	West
09/29/98	426.92	426.90	426.95	426.98	427.38	427.08	426.77	426.77	0.005	Northwest	0.005	Northwest
12/07/98	425.66	425.65	425.73	425.67	426.14	425.23	425.46	425.46	0.007	Northwest	0.007	Northwest
03/11/99	424.62	424.63	424.68	424.63	425.09	424.17	424.44	424.44	0.007	Northwest	0.007	Northwest
06/07/99	424.29	424.28	424.37	424.25	424.75	423.77	424.05	424.05	0.008	Northwest	0.008	Northwest
08/16/99	421.86	421.84	421.89	421.85	422.30	421.42	421.78	421.78	0.007	Northwest	0.007	Northwest
11/30/99	422.83	422.84	422.93	422.65	423.36	422.25	422.57	422.57	0.009	Northwest	0.009	Northwest
02/24/00	423.50	423.48	423.59	423.45	424.02	422.94	423.20	423.20	0.009	Northwest	0.009	Northwest
04/25/00	425.33	425.28	425.37	425.30	425.79	424.83	425.11	425.11	0.008	Northwest	0.008	Northwest
07/25/00	424.26	424.21	424.31	424.20	424.63	423.79	424.03	424.03	0.008	Northwest	0.008	Northwest
10/24/00	423.56	423.55	423.65	423.47	424.08	422.94	423.28	423.28	0.01	Northwest	0.01	Northwest
01/16/01	424.19	424.18	424.27	424.15	424.61	423.97	423.95	423.95	0.007	Northwest	0.007	Northwest
05/08/01	427.87	427.83	427.94	427.80	nm	427.60	427.59	427.59	0.005	Northwest	0.005	Northwest
08/07/01	426.67	426.46	426.49	426.51	426.90	426.15	426.39	426.39	0.006	Northwest	0.006	Northwest
11/06/01	424.61	424.35	424.35	424.38	424.86	423.98	424.32	424.32	0.007	Northwest	0.007	Northwest
TOS	434.72	433.92	433.82	445.28	444	444.16	433.93	433.93				

TABLE 2 (continued)

HISTORICAL GROUNDWATER ELEVATION AND FLOW DATA
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Date of Monitoring Event	Groundwater Elevations (ft asml)										Approximate Groundwater Flow Data	
	MW1	MW2	MW3	MW4	MW5	MW6	MW7	Gradient	Direction			
02/14/02	423.30	423.16	423.10	423.07	423.53	422.70	423.03	0.007	Northwest			
05/09/02	421.84	421.71	421.56	422.08	422.06	421.25	421.86	0.004	West			
08/15/02	418.38	418.24	418.05	418.37	418.73	418.00	418.34	0.005	Northwest			
10/10/02	417.76	417.71	417.48	417.81	418.17	417.45	417.81	0.006	West-NW			
01/09/03	418.26	418.22	418.24	418.37	418.59	417.92	418.04	0.006	West-NW			
04/14/03	421.06	421.04	421.10	421.06	421.46	420.67	420.91	0.008	West-NW			
07/18/03	420.73	421.17	421.22	421.28	421.68	420.33	421.12	0.008	West-NW			
10/16/03	418.90	418.87	418.94	418.93	419.26	418.50	418.70	0.006	Northwest			
01/23/04	420.80	419.34	420.80	420.60	419.84	420.16	420.36	0.019	Northwest			
04/15/04	420.99	420.95	421.01	420.95	421.38	420.58	420.82	0.005	Northwest			
07/20/04	417.72	417.68	417.72	417.75	418.02	417.35	417.56	0.005	Northwest			
10/19/04	414.89	nm	nm	414.50	414.87	414.18	413.56	0.023	West			
03/01/05	426.72	nm	nm	426.68	427.10	426.41	426.63	0.006	Northwest			
04/26/05	429.92	429.52	429.42	429.28	429.50	428.91	429.03	0.006	Northwest			
07/26/05	420.92	420.12	nm	425.38	423.40	420.26	417.43	0.080	West			
11/14/05	nm	425.42	nm	427.39	426.00	421.48	425.43	0.056	West			
05/03/06	424.82	nm	426.04	427.00	425.35	425.01	425.28	0.019	West			
11/09/06	425.03	425.74	nm	427.33	425.75	425.26	425.60	0.041	Southwest			
04/09/07	421.35	421.31	421.51	421.43	421.82	nm	nm	0.009	Northwest			
10/17/07	421.51	421.45	421.57	421.49	422.05	420.97	421.29	0.009	Northwest			
04/10/08	424.66	424.04	421.72	424.04	423.45	423.61	423.97	0.013	Northwest			
09/22/08	419.89	419.90	419.94	419.86	420.34	419.48	419.91	0.006	Northwest			
01/20/09	422.27	422.27	422.35	422.21	422.67	421.71	422.10	0.008	Northwest			
Change	+2.38	+2.37	+2.41	+2.35	+2.33	+2.23	+2.19					
TOS	434.72	433.92	433.82	445.28	444.00	444.16	433.93					

Top of casings were surveyed by PW Environmental on August 17, 1998. The top of casing elevation for MW1 was approximated using contour elevation data obtained from USGS Topographic Map of the Fillmore Quadrangle, 1951. The remaining site wells were surveyed relative to MW1. GPS location services provided on July 24, 2001, by Geocasion.

arsl above mean sea level
 m well not installed at time of monitoring event
 TOS Top of Screen elevation approximated from data available
 Change Difference in groundwater elevation from last quarterly monitoring event
 nm not measured
 nc not calculated

TABLE 3

SUMMARY OF WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 FOR SAMPLES COLLECTED JANUARY 20, 2009
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	TPH-G	TPH-D	TPH-O	B	T	E	X	MIBE	tBA	DIPE	EtBE	tAME	EDB	EDC	Dist. Lead
MW1	<50.0	522 ^a	<5,000	<0.500	0.610 ^a	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	na	na	na
MW2	<50.0	<500	<5,000	0.610 ^a	1.26	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	na	na	na
MW3	<50.0	<500	<5,000	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	na	na	na
MW4	<50.0	<500	<5,000	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	na	na	na
MW5	<50.0	<500	<5,000	<0.500	0.390 ^a	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	na	na	na
MW6	<50.0	<500	<5,000	1.45	2.99	0.680 ^a	2.07	<0.500	<5.00	<0.500	<0.500	<0.500	na	na	na
MW7	<50.0	651 ^a	<5,000	0.660 ^a	1.15	<0.500	0.770 ^a	<0.500	<5.00	<0.500	<0.500	<0.500	na	na	na
DUP	na	na	na	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	na	na	na
QCTB	na	na	na	<0.500	1.83	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	na	na	na
MDL	50.0	500	5,000	0.500	0.500	0.500	0.500	0.500	5.00	0.500	0.500	0.500	0.500	0.500	0.500
MCL	1,000 ^{b)}	1,000 ^{b)}	1,000 ^{b)}	1	150	300	1750	13	12	nl	nl	nl	0.05	0.50	0.50

* Reported in micrograms per liter (µg/L). Results at or above the MCLs are presented in **Bold**. Samples were analyzed by EPA Test Methods 8015M, 8260B, and 6020.

MDL Method Detection Limits employed by the laboratory. The MDLs may have been raised for samples containing elevated concentrations of contaminants.

MCL Maximum Containment Levels for water, California Regional Water Quality Control Board, September 12, 2004 memorandum.

a) No MCL listed for TPH-G or TPH-O. Values represent FPD investigation levels.

TPH-G Total petroleum hydrocarbons as gasoline - quantified against a gasoline standard

TPH-D Total petroleum hydrocarbons as diesel - quantified against a diesel standard

TPH-O Total petroleum hydrocarbons as oil - quantified against an oil standard

B Benzene

T Toluene

E Ethylbenzene

X Total Xylenes

MIBE Methyl tertiary-butyl ether

tBA tertiary-butyl alcohol

tAME tertiary-amyyl methyl ether

DIPE Di-isopropyl ether

EtBE Ethyl tertiary-butyl ether

EDB 1,2-Dibromoethane

EDC 1,2-Dichloroethane

Dist. Lead Dissolved Lead

DUP Duplicate sample collected from MW2

QCTB Quality control trip blank

na sample not analyzed for this constituent or by this test method

ns not sampled

Complete analytical results and chain of custody documentation are presented in Appendix C.

TABLE 4

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MRBE	IBA	DIPE	EABE	LAME	EDB	EDC	MeOH	EOH	FCE	Diss. Lead
MW1	03/10/94	424.49	7,600	na	5,000	57.00	nd	150.00	1,200.00	na	na	na	na	na	na	62.00	na	na	na	7.30
	10/31/94	423.21	6,600	na	5,000	42.00	nd	190.00	1,400.00	na	na	na	na	na	na	69.00	na	na	na	13.00
	01/18/95	424.78	800	na	700	nd	nd	4.90	36.20	na	na	na	na	na	na	na	na	na	na	na
	04/17/96	425.36	5,200	na	3,100	33.00	2.80	140.00	680.00	nd	na	na	na	na	na	48.00	na	na	na	na
	08/12/96	422.03	8,000	na	3,800	46.00	5.00	190.00	980.00	nd	na	na	na	na	na	68.00	na	na	na	na
	11/13/96	421.46	1,500	na	3,170	6.00	nd	29.00	190.00	nd	na	na	na	na	na	17.00	na	na	na	na
	04/28/97	422.75	5,700	na	4,160	66.00	nd	270.00	1,400.00	nd	na	na	na	na	na	50.00	na	na	na	na
	07/31/97	420.45	1,700	na	1,580	26.00	2.00	31.00	170.00	nd	na	na	na	na	na	26.00	na	na	na	na
	10/28/97	420.82	1,100	na	2,320	9.10	nd	37.00	351.00	nd	na	na	na	na	na	15.00	na	na	na	na
	01/27/98	422.04	100	na	800	nd	nd	24.00	255.00	nd	na	na	na	na	na	na	na	na	na	na
	04/23/98	429.55	8,000	na	2,600	70.00	nd	520.00	2,450.00	nd	na	na	na	na	na	23.00	na	na	na	na
	07/16/98	428.60	9,300	na	2,200	57.00	nd	320.00	1,700.00	nd	na	na	na	na	na	52.00	na	na	na	na
	09/29/98	426.92	3,800	na	3,500	nd	nd	150.00	710.00	nd	na	na	na	na	na	47.00	na	na	na	na
	12/07/98	425.66	4,700	na	1,300	23.00	nd	140.00	660.00	nd	na	na	na	na	na	39.00	na	na	na	na
	03/11/99	424.62	4,600	na	nd	48.00	3.70	250.00	1,000.00	nd	na	na	na	na	na	61.00	na	na	na	na
	06/07/99	424.29	6,100	na	nd	30.00	nd	200.00	1,040.00	nd	na	na	na	na	na	na	na	na	na	5.00
	08/16/99	421.86	11,000	na	nd	31.00	7.40	290.00	1,770.00	nd	na	na	na	na	na	na	na	na	na	na
	11/30/99	422.83	9,000	na	nd	76.00	6.00	294.00	2,436.00	nd	na	na	na	na	na	na	na	na	na	na
	02/24/00	423.50	1,700	na	nd	8.20	0.80	32.00	270.00	nd	na	na	na	na	na	5.20	na	na	na	na
	04/25/00	425.33	7,400	na	nd	91.00	3.20	410.00	2900.00	nd	na	na	na	na	na	25.00	na	na	na	na
07/23/00	424.26	8,600	na	nd	82.00	6.00	250.00	1500.00	nd	na	na	na	na	na	100.00	na	na	na	na	
10/24/00	423.56	1300	na	nd	4.70	nd	11.00	115.00	nd	na	na	na	na	na	4.90	na	na	na	na	
MCLs			1,000 ^a	1,000 ^a	1,000 ^a	1	150	300	1,750	13	12	nd	nd	nd	0.05	0.50	nd	nd	5.00	15.00 ^b

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-C	TPH-D	TPH-O	B	T	E	X	MGBE	tBA	DIPE	E4BE	tAME	EDB	EDC	MeOH	EOH	PCE	Dist. Lead
	01/16/01	424.19	2970	na	na	8.00	3.00	25.00	147.00	na	na	na	na	na	na	9.00	na	na	na	na
	05/08/01	427.87	4400	na	na	22.00	na	97.00	274.50	na	na	na	na	na	na	48.00	na	na	na	na
	08/07/01	426.67	7720	na	na	28.20	2.50	143.00	260.20	na	na	na	na	na	na	73.80	na	na	na	na
	11/06/01	424.61	4300	na	na	23.00	<5.00	180.00	690.00	<20.00	<200.00	<20.00	<20.00	<20.00	na	62.00	na	na	<5.00	na
	02/14/02	423.30	1800	na	na	5.00	<0.20	18.00	60.00	<0.30	<5.00	0.40 ¹	<0.20	<0.30	<0.20	18.00	<300.00	<300.00	na	<0.80
	05/09/02	421.84	3500	na	na	<0.20	0.33 ¹	<0.30	160.00	<0.40	<5.00	0.79 ¹	<0.30	<0.40	<0.20	<0.30	<300.00	<300.00	<0.20	<0.80
	08/15/02	418.38	160.00	na	na	<0.20	<0.20	1.20	3.40	<0.40	<5.00	<0.40	<0.30	<0.40	<0.20	5.80	<200.00	<200.00	<0.20	<0.80
	10/10/02	417.76	40.00 ²	na	na	<0.20	<0.20	<0.30	0.58 ¹	<0.40	<5.00	<0.40	<0.30	<0.40	<0.20	1.30	<300.00	<200.00	<0.20	<0.80
	01/09/03	418.26	40.00 ²	na	na	<0.19	<0.17	<0.18	<0.40	<0.31	<3.30	<0.35	<0.28	<0.32	<0.17	0.60	<300.00	<200.00	<0.25	<0.07
	04/14/03	421.06	43.00 ²	na	na	<0.19	<0.17	0.27 ¹	2.60	<0.31	<3.30	<0.35	<0.28	<0.32	<0.17	1.10	na	na	na	na
	07/18/03	420.73	180.00	na	na	0.48 ¹	0.57	<0.18	3.60	<0.39	4.90	<0.47	<0.38	<0.27	<0.19	2.00	na	na	na	na
	10/13/03	418.90	98.00	na	na	2.40	11.00	1.50	10.00	<0.39	<4.50	<0.47	<0.38	<0.27	<0.19	1.30	na	na	na	na
	01/23/04	420.80	120.00	na	na	3.00	10.00	2.70	14.00	<0.39	<10.00	<0.47	<0.39	<0.45	<0.20	1.10	na	na	na	na
	04/15/04	420.99	110.00	na	na	0.19 ¹	0.17 ¹	<0.20	1.10 ¹	<0.39	<10.00	<0.47	<0.39	<0.45	<0.15	3.00	na	na	na	na
	07/20/04	417.72	27.00 ¹	na	na	<0.16	<0.14	<0.20	<0.36	<0.39	<10.00	<0.47	<0.39	<0.45	<0.15	0.62	na	na	na	na
	10/19/04	414.89	<35.00	na	na	<0.17	<0.22	<0.16	<0.54	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	na	na	na	na
	03/01/05	426.72	140.00	na	na	8.10	27.00	3.40	22.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	na	na	na	na
	04/26/05	429.92	<50.00	na	na	<0.50	<0.50	<0.50	1.81	<0.50	25.20	<0.50	<0.50	<0.50	<0.50	5.82	na	na	na	na
	07/26/05	420.92	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/14/05	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	05/03/06	424.82	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50
	11/09/06	425.03	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50
	04/09/07	421.35	94.00	1,030.00	<100.00	0.70 ¹	2.30	<0.50	2.20 ¹	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	0.80 ¹	na	na	na	<0.50
	10/17/07	421.51	<5.00	195.00 ¹	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50
	04/10/08	424.66	56.5 ¹	<125	<1,250	1.44	4.35	0.660 ¹	3.34	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50
	09/22/08	419.89	69.2 ¹	<125	<1,250	<0.50	<0.50	<0.50	<0.50	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50
	01/20/08	422.27	<50.0	522 ¹	<5,000	<0.50	0.610 ¹	<0.50	<0.50	<0.50	<5.00	<0.50	<0.50	<0.50	na	na	na	na	na	na
Change From Last Quarter			-	+	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
MCLs			1,000 ³	1,000 ³	1,000 ³	1	150	300	1,750	13	12	na	na	na	0.05	0.50	na	na	5.00	15.00 ³

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MGBE	tBA	DIPE	EBBE	tAME	EDB	EDC	MeOH	EOH	PCE	Dhs. Lead
MW2	03/10/94	424.48	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	5.10
	10/31/94	423.23	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	01/18/95	424.88	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	04/17/96	423.31	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	08/12/96	421.98	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	11/13/96	421.42	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	04/28/97	422.75	67.00	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	07/31/97	420.40	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	10/28/97	420.77	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	01/27/98	422.00	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	04/23/98	429.42	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	07/16/98	428.51	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	09/29/98	426.90	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	12/07/98	425.65	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	03/11/99	424.63	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
	06/07/99	424.28	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	na
08/16/99	421.84	nd	na	nd	nd	nd	nd	1.50	nd	na	na	na	na	na	nd	na	na	na	na	
11/30/99	422.84	nd	na	nd	nd	nd	0.80	nd	nd	na	na	na	na	na	nd	na	na	na	na	
02/24/00	423.48	nd	na	nd	nd	0.80	1.30	nd	2.70	na	na	na	na	na	nd	na	na	0.80	na	
04/25/00	425.28	nd	na	nd	nd	nd	0.74	nd	nd	na	na	na	na	na	nd	na	na	na	na	
07/25/00	424.21	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	na	
10/24/00	423.55	nd	na	nd	nd	nd	nd	nd	1.40	na	na	na	na	na	nd	na	na	na	na	
MCLs			1,000 ^{g/l}	1,000 ^{g/l}	1,000 ^{g/l}	1	150	300	1,750	13	12	nd	nd	nd	0.05	0.50	nd	nd	5.00	15.00 ^{g/l}

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MIBE	IRA	DIPE	EBE	IAEME	EDB	EDC	MeOH	EOH	PCE	Dist. Lead
	01/16/01	424.18	nd	na	nd	nd	3.30	2.60	13.10	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	na
	05/08/01	427.83	95.00	na	nd	nd	nd	2.40	11.20	nd	nd	nd	nd	nd	na	nd	1,777.00	1,385.00	nd	na
	08/07/01	426.46	nd	na	nd	nd	1.18	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	na
	11/06/01	424.35	nd	na	nd	nd	0.20	nd	0.60	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.30	na
	02/14/02	423.16	20.00 ¹	na	<500.00	<0.20	<0.20	<0.20	0.70 ¹	0.30 ¹	<5.00	<0.20	<0.20	<0.30	<0.20	<0.20	<300.00	<300.00	na	<0.80
	05/09/02	421.71	40.00 ¹	na	<500.00	0.36 ¹	0.87	<0.30	1.70	<0.40	<5.00	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<300.00	<0.20	<0.80
	08/15/02	418.24	20.00 ¹	na	<500.00	<0.20	<0.20	<0.30	<0.50	<0.40	<5.00	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<200.00	<0.20	<0.80
	10/10/02	417.71	20.00 ¹	na	<1,000.00	<0.20	<0.20	<0.30	<0.50	<0.40	<5.00	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<200.00	<0.20	<0.80
	01/09/03	418.22	<20.00	na	<500.00	<0.19	<0.17	<0.18	<0.40	<0.31	<3.00	<0.35	<0.28	<0.32	<0.17	<0.24	<300.00	<200.00	<0.25	<0.07
	04/14/03	421.04	24.00 ¹	na	<1,000.00	<0.19	<0.17	<0.18	1.20 ¹	<0.31	<3.00	<0.35	<0.28	<0.32	<0.17	<0.21	na	na	na	na
	07/18/03	421.17	20.00 ¹	na	<280.00	<0.19	0.21 ¹	<0.18	0.76 ¹	<0.39	<4.50	<0.47	<0.38	<0.27	<0.19	<0.37	na	na	na	na
	10/13/03	418.87	28.00 ¹	na	<100.00	0.61	2.80	0.36 ¹	2.70	<0.39	<4.50	<0.47	<0.38	<0.27	<0.19	<0.37	na	na	na	na
	01/23/04	419.34	41.00 ¹	na	<10.00	0.91	3.20	0.74	3.80	<0.39	<10.00	<0.47	<0.39	<0.45	<0.20	<0.37	na	na	na	na
	04/15/04	420.95	<19.00	na	<10.00	<0.16	<0.14	<0.20	<0.36	<0.39	<10.00	<0.47	<0.39	<0.45	<0.15	<0.37	na	na	na	na
	07/20/04	417.68	20.00 ¹	na	<10.00	<0.16	0.47 ¹	0.23 ¹	0.44 ¹	<0.39	<10.00	<0.47	<0.39	<0.45	<0.15	<0.37	na	na	na	na
	10/19/04	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	03/01/05	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	04/26/05	429.52	<50.00	na	<5,000.00	<0.50	<0.50	<0.50	<0.50	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	na
	07/26/05	420.12	<5.00	na	<100.00	<0.50	<0.50	<0.50	<1.00	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	na
	11/14/05	425.42	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50
	05/03/06	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/09/06	425.74	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50
	04/09/07	421.31	<5.00	<100.00	<100.00	<0.50	1.70	<0.50	1.80 ¹	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50
	10/17/07	421.45	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50
	04/10/08	424.04	71.0 ¹	<125	<1,250	1.98	6.89	1.13	5.60	0.580 ¹	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50
	09/22/08	419.90	<50.0	<125	<1,250	<0.50	<0.50	<0.50	<0.50	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50
	01/20/09	422.27	<50.0	<500	<5,000	0.610 ¹	1.26	<0.50	1.02	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50
Change From Last Quarter			na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
MCLs			1,000 ¹	1,000 ¹	1,000 ¹	1	150	300	1,750	13	12	na	na	na	0.05	0.50	na	na	na	5.00

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MGBE	tBA	DIPE	ERBE	tAME	EDB	EDC	MeOH	EOH	PCE	Diss. Lead
MW3	03/10/94	424.56	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	nd
	10/31/94	423.28	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	nd	na	na	na	nd
	01/18/95	424.98	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	na	nd
	04/17/96	425.38	nd	na	nd	nd	nd	nd	1.40	0.50	na	na	na	na	na	nd	na	na	na	nd
	08/12/96	422.05	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd
	11/13/96	421.50	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd
	04/28/97	422.78	38.00	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd
	07/31/97	420.44	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd
	10/28/97	420.84	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd
	01/27/98	422.06	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	04/23/98	429.43	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	07/16/98	428.55	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	09/29/98	426.95	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	12/07/98	425.73	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	03/11/99	424.68	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	06/07/99	424.37	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
08/16/99	421.89	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd	
11/30/99	422.93	nd	na	nd	nd	nd	1.60	0.70	2.40	nd	na	na	na	na	na	na	na	na	nd	
02/24/00	423.59	nd	na	nd	0.60	1.50	0.80	3.40	3.40	nd	na	na	na	na	na	na	na	na	nd	
04/25/00	425.37	nd	na	nd	nd	nd	nd	nd	1.70	nd	na	na	na	na	na	na	na	na	nd	
07/25/00	424.31	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd	
10/24/00	423.65	nd	na	nd	nd	nd	nd	nd	1.00	nd	nd	nd	nd	nd	na	na	na	na	nd	
MCLs			1,000 ^{a)}	1,000 ^{a)}	1,000 ^{a)}	1	150	300	1,750	13	12	nd	nd	nd	0.05	0.50	nd	nd	5.00	15.00 ^{b)}

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MtBE	tBA	DIPE	EtBE	tAMTE	EDB	EDC	MeOH	EOH	FCE	Diss. Lead
MW3 (cont)	01/16/01	424.27	nd	na	na	nd	2.70	2.10	11.10	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd
	05/08/01	427.94	nd	na	na	3.10	nd	nd	3.70	nd	nd	nd	nd	nd	na	nd	1,467.00	1,420.00	nd	nd
	08/07/01	426.49	nd	na	na	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd
	11/06/01	424.35	nd	na	na	nd	nd	nd	0.50	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd
	02/14/02	423.10	<20.00	na	<500.00	<0.20	<0.20	<0.20	<5.00	<0.30	<0.20	<0.20	<0.20	<0.30	<0.20	<0.20	<300.00	<300.00	na	<0.80
	05/09/02	421.56	<20.00	na	<500.00	<0.20	<0.20	<0.30	<5.00	<0.40	<0.40	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<300.00	<0.20	<0.80
	08/15/02	418.05	<20.00	na	<500.00	<0.20	<0.20	<0.30	<5.00	<0.40	<0.40	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<200.00	<0.20	<0.80
	10/10/02	417.48	<20.00	na	<1,000.00	<0.20	<0.20	<0.30	<5.00	<0.40	<0.40	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<200.00	<0.20	<0.80
	01/09/03	418.24	<20.00	na	<500.00	<0.19	<0.17	<0.18	<0.40	<0.31	<0.31	<0.35	<0.28	<0.32	<0.17	<0.24	<300.00	<200.00	<0.25	<0.07
	04/14/03	421.10	31.00 ¹	na	<1,000.00	<0.19	<0.17	<0.18	1.50 ¹	<0.31	<0.31	<0.35	<0.28	<0.32	<0.17	<0.21	na	na	na	na
	07/18/03	421.22	21.00 ¹	na	<280.00	<0.19	0.16 ¹	<0.18	0.56 ¹	<0.39	<0.38	<0.47	<0.38	<0.27	<0.19	<0.37	na	na	na	na
	10/13/03	418.94	65.00	na	<100.00	2.40	12.00	1.70	12.00	<0.39	<0.38	<0.47	<0.38	<0.27	<0.19	<0.37	na	na	na	na
	01/23/04	420.80	63.00	na	<10.00	2.00	7.00	1.80	8.90	<0.39	<0.39	<0.47	<0.39	<0.45	<0.20	<0.37	na	na	na	na
	04/15/04	421.01	25.00 ¹	na	<10.00	<0.16	0.29 ¹	<0.20	1.30 ¹	<0.39	<0.39	<0.47	<0.39	<0.45	<0.15	<0.37	na	na	na	na
	07/20/04	417.72	<19.00	na	<100.00	<0.16	0.37 ¹	<0.20	0.38 ¹	<0.39	<0.39	<0.47	<0.39	<0.45	<0.15	<0.37	na	na	na	na
	10/19/04	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	03/01/05	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	04/26/05	429.42	<50.00	na	<5,000.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na
	07/26/05	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/14/05	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
05/03/06	426.04	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50	
11/09/06	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
04/09/07	421.51	<5.00	<100.00	<100.00	<0.50	<0.50	1.70	<0.50	1.80 ²	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	<0.50	
10/17/07	421.57	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	<0.50	
04/10/08	421.72	59.7 ²	<125	<125	<1,250	4.64	10.30	1.39	7.33	1.99	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	<0.50	
09/22/08	419.94	<50.0	<125	<125	<1,250	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	<0.50	
01/20/09	422.35	<50.0	<500	<500	<5,000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	na	
Change From Last Quarter			na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
MCLs			1,000 ³	1,000 ³	1,000 ³	1	150	300	1,750	13	12	na	na	na	0.05	0.50	na	na	5.00	15.00 ³

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MBE	tBA	DIPE	ERBE	tAME	EDB	EDC	MeOH	EOH	PCE	Diss. Lead
MTW4	10/31/94	423.18	nd	na	nd	nd	1.00	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd
	01/18/95	424.71	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	na	nd
	04/17/96	425.36	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd
	08/12/96	422.05	nd	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	na	nd
	11/13/96	421.50	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	04/28/97	422.83	110.00	na	nd	0.50	0.70	0.50	nd	nd	na	na	na	na	na	na	na	na	na	na
	07/31/97	420.48	nd	na	nd	nd	nd	nd	nd	1.10	na	na	na	na	na	na	na	na	na	nd
	10/28/97	420.83	nd	na	nd	nd	nd	nd	nd	1.50	na	na	na	na	na	na	na	na	na	nd
	01/27/98	422.08	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	04/23/98	429.68	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	07/16/98	428.69	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	09/29/98	426.98	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd
	12/07/98	425.67	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	03/11/99	423.63	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	06/07/99	424.25	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	08/16/99	421.85	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd
12/09/99	422.65	nd	na	nd	0.70	1.30	nd	0.90	nd	nd	na	na	na	na	na	na	na	na	nd	
02/24/00	423.45	nd	na	nd	0.30	0.30	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd	
04/25/00	425.30	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd	
07/25/00	424.20	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd	
10/24/00	423.47	nd	na	nd	nd	nd	nd	1.30	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
MCLs			1,000 ⁰	1,000 ⁰	1,000 ⁰	1	150	300	1,750	13	12	nd	nd	nd	0.05	0.50	nd	nd	5.00	15.00 ⁰

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MGBE	IBA	DIPE	EBBE	1AME	EDB	EDC	MeOH	EOH	PCE	Diss. Lead
MTW4 (cont)	01/16/01	424.15	nd	na	nd	nd	5.50	3.60	17.60	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd
	05/08/01	427.80	94.00	na	nd	nd	nd	2.90	13.80	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd
	08/07/01	426.51	nd	na	nd	nd	1.48	nd	1.31	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd
	11/06/01	424.38	nd	na	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd
	02/14/02	423.07	<20.00	na	<500.00	0.40 ¹	<0.20	<0.20	<0.50	<0.30	<5.00	<0.20	<0.20	<0.30	<0.20	<0.20	<300.00	<300.00	na	<0.80
	05/09/02	422.08	50.00 ¹	na	<500.00	11.00	3.90	<0.30	4.10	<0.40	<5.00	0.51 ¹	<0.30	<0.40	<0.20	<0.30	<300.00	<300.00	<0.20	<0.80
	08/15/02	418.37	<20.00	na	<500.00	<0.20	<0.20	<0.30	<0.50	<0.40	<5.00	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<200.00	<0.20	<0.80
	10/10/02	417.81	<20.00	na	<1,000.00	<0.20	<0.20	<0.30	<0.50	<0.40	<5.00	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<200.00	<0.20	<0.80
	01/09/03	418.37	<20.00	na	<500.00	<0.19	<0.17	<0.18	<0.40	<0.31	<3.30	<0.35	<0.28	<0.32	<0.17	<0.24	<300.00	<200.00	<0.25	<0.07
	04/14/03	421.06	36.00 ¹	na	<1,000.00	<0.19	0.26 ¹	0.33 ¹	4.10	<0.31	<3.30	<0.35	<0.28	<0.32	<0.17	<0.21	na	na	na	na
	07/18/03	421.28	34.00 ¹	na	<280.00	0.55	0.68	<0.18	4.30	<0.39	<4.50	<0.47	<0.38	<0.27	<0.19	<0.37	na	na	na	na
	10/16/03	418.93	<19.00	na	<100.00	<0.19	0.35 ¹	<0.18	<0.44	<0.39	<4.50	<0.47	<0.38	<0.27	<0.19	<0.37	na	na	na	na
	01/23/04	420.60	100.00	na	<10.00	7.80	18.00	3.10	16.00	<0.39	<10.00	<0.47	<0.39	<0.27	<0.19	<0.37	na	na	na	na
	04/15/04	420.95	<19.00	na	<10.00	<0.16	0.16 ¹	<0.20	0.83 ¹	<0.39	<10.00	<0.47	<0.39	<0.27	<0.19	<0.37	na	na	na	na
	07/20/04	417.75	21.00 ¹	na	<100.00	<0.16	0.50	<0.20	0.43 ¹	<0.39	<10.00	<0.47	<0.39	<0.27	<0.19	<0.37	na	na	na	na
	10/19/04	414.50	<35.00	na	<1,000.00	<0.17	0.43 ¹	<0.16	<0.54	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	na	na	na	na
	03/01/05	426.68	<50.00	na	<3,000.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	na	na	na	na
	04/26/05	429.28	<50.00	na	<3,000.00	<0.50	<0.50	<0.50	<0.50	<0.50	<5.00	<5.00	<0.50	<0.50	<0.50	<0.50	na	na	na	na
	07/26/05	425.38	<5.00	na	<100.00	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	na	na	na	na
	11/14/05	427.39	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	na	na	na	na
	05/03/06	427.00	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	na	na	na	na
	11/09/06	427.33	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	na	na	na	na
	04/09/07	421.43	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	na	na	na	na
10/17/07	421.49	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	na	na	na	na	
04/10/08	424.04	<50.0	<125	<1,250	1.63	5.74	0.890 ¹	4.39	<0.50	<5.00	<5.00	<0.50	<0.50	<0.50	<0.50	na	na	na	na	
09/22/08	419.86	<50.0	<125	<1,250	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.50	<0.500	<0.500	<0.500	na	na	na	na	
01/20/09	422.21	<50.0	<500	<5,000	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.50	<0.500	<0.500	<0.500	na	na	na	na	
Change From Last Quarter			nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc
MCLs			1,000 ^{b)}	1,000 ^{b)}	1,000 ^{b)}	1	150	300	1,750	13	12	nc	nc	nc	nc	0.50	nc	nc	5.00	15.00 ^{b)}

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MIBE	tBA	DIPE	ERBE	tAME	EDB	EDC	MeOH	EOH	PCE	Diss. Lead	
MWS	10/31/94	423.71	nd	na	nd	nd	0.53	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd	
	01/18/95	425.71	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd	
	04/17/96	425.76	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd	
	08/12/96	422.49	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd	
	11/13/96	422.00	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd	
	04/28/97	423.20	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd	
	07/31/97	420.91	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd	
	10/28/97	421.36	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	nd	na	na	na	nd	
	01/27/98	422.52	nd	na	200.00	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	na	na	na	na	nd
	04/23/98	429.92	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	na	na	na	na	nd
	07/16/98	428.98	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	na	na	na	na	nd
	09/29/98	427.38	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	na	na	na	na	nd
	12/07/98	426.14	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	na	na	na	na	nd
	03/11/99	425.09	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	na	na	na	na	nd
	06/07/99	424.75	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	na	na	na	na	nd
	08/16/99	422.30	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	na	na	na	na	nd
	11/30/99	423.36	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	na	na	na	na	nd
02/24/00	424.02	nd	na	nd	1.00	nd	1.50	nd	2.60	nd	na	na	na	na	nd	na	na	na	na	nd	
04/23/00	425.79	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	na	na	na	na	nd	
07/23/00	424.63	nd	na	nd	nd	nd	nd	1.40	8.20	nd	na	na	na	na	nd	na	na	na	na	nd	
10/24/00	422.94	nd	na	nd	nd	nd	nd	0.67	3.55	nd	nd	nd	nd	nd	nd	na	na	na	na	nd	
		MCLs	1,000 ^h	1,000 ^h	1,000 ^h	1	150	300	1,750	13	12	nd	nd	nd	0.05	0.50	nd	nd	5.00	15.00 ^h	

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MGBE	tBA	DIPE	E2BE	IAME	EDB	EDC	MeOH	EOH	PCE	Diox. Lead	
	01/16/01	424.61	nd	na	nd	nd	nd	nd	1.00	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd	
	05/08/01	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
	08/07/01	426.90	nd	na	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
	11/06/01	424.86	nd	na	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
	02/14/02	423.53	<20.00	na	<500.00	<0.20	<0.20	<0.20	<0.50	<0.30	<5.00	<0.20	<0.20	<0.20	<0.20	<0.20	<300.00	<300.00	na	<0.80	
	05/09/02	422.06	40.00 ¹	na	<500.00	7.00	4.10	<0.30	3.60	<0.40	<5.00	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<300.00	<0.20	<0.80	
	08/15/02	418.73	<20.00	na	<500.00	<0.20	<0.20	<0.30	<0.50	<0.40	<5.00	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<200.00	<0.20	<0.80	
	10/10/02	418.17	20.00 ¹	na	<1,000.00	<0.20	<0.20	<0.30	0.96 ¹	<0.40	<5.00	<0.40	<0.30	<0.40	<0.20	<0.30	<300.00	<200.00	<0.20	<0.80	
	01/09/03	418.59	30.00 ¹	na	<500.00	<0.19	0.29 ¹	<0.18	1.80	<0.31	<3.30	<0.35	<0.28	<0.32	<0.17	<0.24	<300.00	<200.00	<0.25	<0.07	
	04/14/03	421.46	29.00 ¹	na	<1,000.00	<0.19	<0.17	<0.18	0.90 ¹	<0.31	<3.30	<0.35	<0.28	<0.32	<0.17	<0.21	na	na	na	na	
	07/18/03	421.68	20.00 ¹	na	<280.00	0.46 ¹	0.21 ¹	<0.18	<0.44	3.10	<4.50	<0.47	<0.38	<0.27	<0.19	<0.37	na	na	na	na	
	10/13/03	419.26	56.00	na	<100.00	3.80	10.00	1.00	8.00	<0.39	<4.50	<0.47	<0.38	<0.27	<0.19	<0.37	na	na	na	na	
	01/23/04	419.84	68.00	na	<10.00	0.52	1.80	0.46 ¹	2.20	<0.39	<10.00	<0.47	<0.39	<0.45	<0.20	<0.37	na	na	na	na	
	04/15/04	421.38	20.00 ¹	na	<10.00	<0.16	<0.14	<0.20	<0.36	<0.39	<10.00	<0.47	<0.39	<0.45	<0.15	<0.37	na	na	na	na	
	07/20/04	418.02	22.00 ¹	na	<10.00	<0.17	<0.22	<0.16	<0.54	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	na	na	na	na	
	10/19/04	414.87	<35.00	na	<1,000.00	<0.17	<0.22	<0.16	<0.54	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	na	na	na	na	
	03/01/05	427.10	79.00	na	<5,000.00	9.00	12.00	<1.00	5.10	2.20	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	na	na	na	na	
	04/26/05	429.50	<50.00	na	<5,000.00	<0.50	<0.50	<0.50	<0.50	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	na	
	07/26/05	423.40	<5.00	na	<100.00	<0.50	<0.50	<0.50	<1.00	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	na	
	11/14/05	426.00	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50	
	05/03/06	423.35	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50	
	11/09/06	425.75	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50	
	04/09/07	421.82	91.00	<100.00	<100.00	1.90	9.60	1.20	10.40	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50	
	10/17/07	422.05	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50	
	04/10/08	423.45	60.3 ¹	<125	<1,250	6.00	11.20	1.19	6.16	13.80	<5.00	<0.50	<0.50	<0.50	<0.20	<0.50	na	na	na	<0.50	
	09/22/08	420.34	<50.0	<125	<1,250	<0.50	<0.50	<0.50	<0.50	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50	
	01/20/09	422.67	<50.0	<500	<5,000	<0.50	0.590 ¹	<0.50	<0.50	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50	
	Change From Last Quarter		na	na	na	na	+	na	na	na	na	na	na	na	na	na	na	na	na	na	
	MCLs		1,000 ²⁾	1,000 ²⁾	1,000 ³⁾	1	150	300	1,750	13	12	na	na	na	0.05	0.50	na	na	na	5.00	15.00 ³⁾

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MIBE	tBA	DIPE	EABE	tAME	EDB	EDC	MeOH	EOH	PCE	Diss. Lead
MW6	10/31/94	422.69	nd	na	nd	nd	nd	nd	1.80	12.00	na	na	na	na	na	na	na	na	na	nd
	01/18/95	424.28	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	04/17/96	424.97	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	08/12/96	421.63	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	11/13/96	421.00	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	04/28/97	422.47	14.00	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	07/31/97	420.07	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	10/28/97	420.36	nd	na	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	01/27/98	421.67	nd	na	300.00	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd
	04/23/98	429.45	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd
	07/16/98	428.39	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd
	09/29/98	427.08	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd
	12/07/98	425.23	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd
	03/11/99	424.17	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	nd
	06/07/99	423.77	nd	na	nd	nd	nd	nd	26.50	nd	nd	na	na	na	na	na	na	na	na	nd
	08/16/99	421.42	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	1.50
	11/30/99	422.25	nd	na	nd	nd	nd	1.30	nd	0.80	nd	na	na	na	na	na	na	na	na	2.80
02/24/00	422.94	nd	na	nd	1.20	1.80	0.70	3.40	nd	nd	na	na	na	na	na	na	na	na	2.90	
04/25/00	424.83	nd	na	nd	nd	nd	nd	nd	0.89	nd	na	na	na	na	na	na	na	na	2.10	
07/25/00	423.79	nd	na	nd	nd	nd	nd	nd	nd	nd	na	na	na	na	0.66	na	na	na	1.90	
10/24/00	422.94	nd	na	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	1.00	na	na	na	3.20	
MCLs			1,000 ^g	1,000 ^g	1,000 ^g	1	150	300	1,750	13	12	nd	nd	nd	0.05	0.50	nd	nd	5.00	15.00 ^g

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MtBE	tBA	DIPE	EtBE	tAME	EDB	EDC	MeOH	EOH	PCE	Diss. Lead	
MW6 (cont)	01/16/01	423.97	na	na	na	na	1.60	na	2.50	na	na	na	na	na	na	na	na	na	na	na	
	05/08/01	427.60	74.00	na	na	na	na	2.10	9.70	na	na	na	na	na	na	na	3,063.00	2,789.00	na	na	
	08/07/01	426.15	na	na	na	na	1.18	na	na	na	na	na	na	na	na	na	na	na	na	na	
	11/06/01	423.98	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
	02/14/02	422.70	<20.00	na	<500.00	<0.20	<0.20	<0.20	<5.00	<0.30	<5.00	<0.20	<0.20	<0.30	<0.40	4.50	<300.00	<300.00	0.50	1.00	
	05/09/02	421.25	<20.00	na	<500.00	<0.20	0.24	<0.30	<0.30	<5.00	<0.40	<5.00	<0.40	<0.30	<0.40	5.10	<300.00	<300.00	1.30	<0.80	
	08/15/02	418.00	<20.00	na	<500.00	<0.20	<0.20	<0.30	<5.00	<0.40	<5.00	<0.40	<0.30	<0.30	<0.40	1.70	<300.00	<200.00	0.29	<0.80	
	10/10/02	417.45	<20.00	na	<1,000.00	<0.20	<0.20	<0.30	<5.00	<0.40	<5.00	<0.40	<0.30	<0.30	<0.40	<0.30	<300.00	<200.00	0.53	<0.80	
	01/09/03	417.92	<20.00	na	<500.00	<0.19	<0.17	<0.18	<0.40	<0.31	<0.30	<0.35	<0.35	<0.28	<0.32	<0.17	<0.24	<300.00	<200.00	0.41	<0.07
	04/14/03	420.67	42.00	na	<1,000.00	<0.19	<0.17	0.21	2.10	<0.31	<0.30	<0.35	<0.35	<0.28	<0.32	<0.17	<0.21	na	na	na	na
	07/18/03	420.33	23.00	na	<280.00	0.31	0.33	<0.18	1.50	<0.39	<0.39	<4.50	<0.47	<0.38	<0.27	0.37	na	na	na	na	na
	10/16/03	418.30	20.00	na	<100.00	<0.19	0.58	<0.18	<0.44	<0.39	<0.39	<4.50	<0.47	<0.38	<0.27	<0.19	na	na	na	na	na
	01/23/04	420.16	29.00	na	<10.00	0.31	1.60	0.34	1.70	<0.39	<0.39	<10.00	<0.47	<0.39	<0.45	<0.37	na	na	na	na	na
	04/15/04	420.58	25.00	na	<10.00	<0.16	0.34	<0.20	1.20	<0.39	<0.39	<10.00	<0.47	<0.39	<0.45	<0.37	na	na	na	na	na
	07/20/04	417.35	20.00	na	<10.00	<0.16	0.31	<0.20	<0.36	<0.39	<0.39	<10.00	<0.47	<0.39	<0.45	<0.37	na	na	na	na	na
	10/19/04	414.18	<35.00	na	<1,000.00	<0.17	<0.22	<0.16	<0.54	<0.32	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	na	na	na	na	na
	03/01/05	426.41	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	04/26/05	428.91	<50.00	na	<5,000.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na
	07/26/05	420.26	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/14/05	421.48	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50
05/03/06	425.01	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50	
11/09/06	425.26	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50	
04/09/07	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
10/17/07	420.97	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50	
04/10/08	423.61	<50.0	<125	<1,250	2.13	6.14	0.890	4.49	<0.50	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	<0.50	
09/22/08	419.48	<50.0	<125	<1,250	<0.50	0.520	<0.500	<0.500	<0.500	<0.500	<5.00	<0.50	<0.500	<0.500	<0.500	<0.500	na	na	na	<0.50	
01/20/09	421.71	<50.0	<500	<5,000	1.45	2.99	0.680	2.07	<0.500	<0.500	<5.00	<0.50	<0.500	<0.500	na	na	na	na	na	na	
Change From Last Quarter			na	na	na	+	+2.47	+	+	na	na	na	na	na	na	na	na	na	na	na	
MCLs			1,000 ^a	1,000 ^b	1,000 ^b	1	150	300	1,750	13	12	na	na	na	0.05	0.50	na	na	na	5.00	

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MIBE	tBA	DIPE	EAPE	tAME	EDB	EDC	MeOH	EOH	PCE	Disa. Lead
MW7	04/17/96	425.18	2,000.00	na	1,700.00	0.80	1.30	1.00	16.00	nd	na	na	na	na	na	6.90	na	na	na	5.00
	08/12/96	421.90	2,500.00	na	nd	nd	nd	nd	13.00	nd	na	na	na	na	na	28.00	na	na	na	nd
	11/13/96	421.28	1,200.00	na	1,460.00	nd	nd	nd	nd	nd	na	na	na	na	na	30.00	na	na	na	nd
	04/28/97	422.69	1,600.00	na	1,390.00	nd	nd	nd	nd	nd	na	na	na	na	na	31.00	na	na	na	nd
	07/31/97	420.34	1,600.00	na	nd	5.00	6.40	3.80	19.00	nd	na	na	na	na	na	33.00	na	na	na	nd
	10/28/97	420.64	1,800.00	na	na	nd	nd	nd	11.00	nd	na	na	na	na	na	28.00	na	na	na	nd
	01/27/98	421.87	2,100.00	na	na	nd	nd	nd	nd	nd	na	na	na	na	na	na	na	na	na	nd
	04/23/98	429.51	1,700.00	na	na	nd	nd	nd	9.50	nd	na	na	na	na	na	20.00	na	na	na	nd
	07/16/98	428.52	1,100.00	na	na	nd	nd	nd	7.70	nd	na	na	na	na	na	23.00	na	na	na	nd
	09/29/98	426.77	1,100.00	na	na	nd	nd	nd	10.00	nd	na	na	na	na	na	31.00	na	na	na	nd
	12/07/98	425.46	1,900.00	na	na	nd	nd	nd	24.00	nd	na	na	na	na	na	23.00	na	na	na	nd
	03/11/99	424.44	1,300.00	na	na	nd	4.00	1.90	13.10	nd	na	na	na	na	na	25.00	na	na	na	nd
	06/07/99	424.05	1,700.00	na	na	nd	nd	nd	14.00	nd	na	na	na	na	na	25.00	na	na	na	nd
	08/16/99	421.78	3,500.00	na	na	nd	3.60	1.50	2.20	27.90	nd	na	na	na	na	42.00	na	na	na	nd
	11/30/99	422.57	2,400.00	na	na	nd	3.20	1.00	1.40	17.00	nd	na	na	na	na	20.10	na	na	na	nd
	02/24/00	423.20	1,400.00	na	na	nd	3.10	3.60	3.20	23.00	nd	na	na	na	na	17.00	na	na	na	nd
	04/25/00	425.11	9,100.00	na	na	nd	0.59	nd	2.00	14.00	nd	na	na	na	na	5.90	na	na	na	nd
07/25/00	424.03	1,000 ^U	na	na	nd	510.00	590.00	560.00	1600.00	nd	na	na	na	na	20.00	na	na	na	nd	
MCLs			1,000 ^P	1,000 ^P	1,000 ^U	1	150	300	1,750	13	12	nl	nl	nl	0.05	0.50	nl	nl	5.00	15.00 ^P

TABLE 4 (continued)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T0611100497

Well Number	Sample Date	Groundwater Elevation	TPH-G	TPH-D	TPH-O	B	T	E	X	MUBE	IBA	DIPE	EABE	NAME	EDB	EDC	MeOH	EOH	PCE	Disa. Lead
MW7 (cont)	01/16/01	423.95	2,510.00	na	na	2.60	3.40	3.30	17.80	na	na	na	na	na	na	11.00	na	na	na	na
	05/08/01	427.59	1,050.00	na	na	na	na	1.90	10.60	na	na	na	na	na	na	na	3,280.00	2,085.00	na	na
	08/07/01	426.39	1,100.00	na	na	na	1.43	1.09	5.01	na	na	na	na	na	na	8.84	na	na	na	na
	11/06/01	424.32	1,400.00	na	na	1.60	0.30	0.90	8.30	na	8.00	0.40	na	na	na	14.00	na	na	na	na
	02/14/02	423.03	690.00	na	<500.00	1.00	<0.20	1.00	5.90	<0.30	<5.00	0.40 ¹	<0.20	<0.3	<0.20	9.00	<300.00	<300.00	na	<0.80
	05/09/02	421.86	1,700.00	na	<500.00	2.80	0.32	1.40	13.00	0.40	<5.00	0.58	0.30	0.40	<0.20	<0.30	<300.00	<300.00	0.20	<0.80
	08/12/02	418.34	280.00	na	<500.00	0.22	0.69	6.30	19.00	0.40	11.00	0.40	0.30	0.40	<0.20	11.00	<300.00	<300.00	1.30	<0.80
	10/10/02	417.81	300.00	na	<1,000.00	0.20	0.27	0.30	1.30	0.40	<5.00	0.40	0.30	0.40	<0.20	3.30	<300.00	<300.00	0.24	<0.80
	01/09/03	418.04	150.00	na	<500.00	1.20	3.00	0.39	14.00	0.69	<3.30	0.35	0.28	0.32	<0.17	2.70	<300.00	<300.00	0.57	<0.07
	04/14/03	420.91	660.00	na	<1,000.00	0.31	0.23	0.35	3.30	0.31	52.00	0.35	0.28	0.32	<0.17	1.60	na	na	na	na
	07/18/03	421.12	610.00	na	<280.00	0.32 ¹	<0.16	<0.18	<0.44	<0.39	12.00	<0.47	<0.38	<0.27	<0.19	1.70	na	na	na	na
	10/13/03	418.70	230.00	na	<100.00	1.50	4.90	0.61	4.30	<0.39	61.00	<0.47	<0.39	<0.27	<0.19	1.80	na	na	na	na
	01/23/04	420.36	230.00	na	<10.00	4.90	18.00	4.50	23.00	<0.39	<10.00	<0.47	<0.39	<0.45	<0.20	0.37	na	na	na	na
	04/15/04	420.82	150.00	na	<10.00	<0.16	0.26 ¹	<0.20	1.30 ¹	<0.39	17.00 ¹	<0.47	<0.39	<0.45	<0.15	0.98	na	na	na	na
	07/20/04	417.56	110.00	na	<10.00	<0.16	0.56	<0.20	0.39 ¹	<0.39	<10.00	<0.47	<0.39	<0.45	<0.15	0.38 ¹	na	na	na	na
	10/19/04	413.56	98.00	na	<1,000.00	<0.17	<0.22	<0.16	<0.34	<0.32	<11.00	<0.27	<0.29	<0.27	<0.21	<0.21	na	na	na	na
	03/01/05	426.63	93.00	na	<5,000.00	7.60	13.00	1.10	6.90	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	na	na	na
	04/26/05	429.03	<50.00	na	<5,000.00	<0.50	<0.50	<0.50	<0.50	<0.50	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na
	07/26/05	417.43	<5.00	na	<100.00	<0.50	<0.50	<0.50	<0.50	<1.00	<10.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na
	11/14/05	425.43	<5.00	<100.00	245.00 ¹	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na
05/03/06	425.28	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	
11/09/06	425.60	<5.00	<100.00	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	na	na	na	
04/09/07	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
10/17/07	421.29	<5.00	328.00 ¹	<100.00	<0.50	<0.50	<0.50	<0.50	<0.50	<10.00	<0.50	<0.50	<0.50	<0.50	<0.20	0.50 ¹	na	na	na	
04/10/08	423.97	59.4 ¹	<125	<1,250	1.65	5.47	0.780 ¹	4.03	<0.300	<5.00	<0.50	<0.50	<0.500	<0.500	<0.500	<0.500	na	na	na	
09/22/08	419.91	50.4 ¹	<125	<1,250	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<5.00	<0.50	<0.500	<0.500	<0.500	0.670	na	na	na	
01/20/09	422.10	<50.0	651 ¹	<5,000	0.660 ¹	1.15	<0.500	0.770 ¹	<0.500	<5.00	<5.00	<0.50	<0.500	<0.500	na	na	na	na	na	
Change From Last Quarter			-	+	na	+	na	na	-	na	na	na	na	na	na	na	na	na	na	na
MCLs			1,000 ¹⁾	1,000 ¹⁾	1,000 ¹⁾	1	150	300	1,750	13	12	na	na	na	0.05	0.50	na	na	5.00	15.00 ²⁾

TABLE 4 (Footnotes)

SUMMARY OF HISTORICAL WATER SAMPLE LABORATORY ANALYTICAL RESULTS*
 HAL PHILLIPS, INC., FILLMORE
 VCEHD LUFT FILE #C89088; Global ID #T06111100497

•	Reported in micrograms per liter (µg/L). Samples were analyzed by EPA Test Methods 8015 and 8260B.
MCL	Maximum Contaminant Levels for water, California Regional Water Quality Control Board, September 12, 2004 memorandums.
J	Estimated concentration. Result is less than the laboratory Practical Quantitation Limit, but higher than the MDL.
a)	No MCL listed for TPH-G or TPH-O. Values represent FPD investigation levels.
b)	No MCL listed for lead. Value represents State Action level for tap water.
TPH-G	Total petroleum hydrocarbons as gasoline - quantified against a gasoline standard
TPH-D	Total petroleum hydrocarbons as diesel - quantified against a diesel standard
TPH-O	Total petroleum hydrocarbons as oil - quantified against an oil standard
B	Benzene
T	Toluene
E	Ethylbenzene
X	Total Xylenes
MIBE	Methyl tertiary-butyl ether
MeOH	Methanol
EOH	Ethanol
EDC	1,2-Dichloroethane
EDB	1,2-Dibromoethane

PCE	Perchloroethylene
tBA	tertiary-butyl alcohol
UAME	tertiary amyl-methyl ether
DtPE	Di-isopropyl ether
EtBE	Ethyl tertiary-butyl ether
Diss. lead	Dissolved lead
nd	not detected at or above the MDL employed
na	Sample not analyzed for this constituent or by this test method
ni	not installed at time of sampling
nc	not calculated due to insufficient data
+	Contaminant concentrations have increased from last quarterly monitoring event
.	Contaminant concentrations have decreased from last quarterly monitoring event

**RBCA
TIER 2/3 SITE SPECIFIC**

Main Screen

1. Project Information

Site Name:
 Location:
 Completed By:
 Date: Job ID:

2. Which Type of RBCA Analysis?

Tier 1
 Risk-Based Screening Levels

Tier 2/3
 Site-Specific Target Levels

3. Calculation Options

Affects which input data are required

- Baseline Risks (Forward mode)**
- RBCA Cleanup Levels (Backward mode)**
- Individual Constituent Risk Goals Only
- Individual and Cumulative Risk Goals
- Apply Source Depletion Algorithm
 Time to Future Exposure (yr)

4. RBCA Evaluation Process

Prepare Input Data
 Data Complete? (yes, no)

Exposure Pathways
 ↓
 Constituents of Concern (COCs)
 ↓
 Transport Models
 ↓
 Soil Parameters
 ↓
 GW Parameters
 ↓
 Air Parameters

Review Output

Exposure Flowchart
 COC Chem. Parameters
 Input Data Summary
 User-Spec. COC Data...
 Transient Domenico Analysis...
 Baseline Risks...
 Cleanup Levels...

5. Commands and Options

RBCA SITE ASSESSMENT **Baseline Risk Summary-All Pathways**

Site Name: Phillips, Inc
 Site Location: 534 Santa Clara Street

Completed By: GLT
 Date Completed: 5-Aug-09

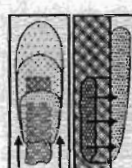
TIER 2 BASELINE RISK SUMMARY TABLE										
EXPOSURE PATHWAY	BASELINE CARCINOGENIC RISK					BASELINE TOXIC EFFECTS				
	Individual COC Risk Maximum Value	Target Risk	Cumulative COC Risk Total Value	Target Risk	Risk Limit(s) Exceeded?	Hazard Quotient		Hazard Index		Toxicity Limit(s) Exceeded?
						Maximum Value	Applicable Limit	Total Value	Applicable Limit	
OUTDOOR AIR EXPOSURE PATHWAYS										
Complete:	5.2E-11	1.0E-5	5.2E-11	1.0E-5	<input type="checkbox"/>	9.9E-3	1.0E+0	1.0E-2	1.0E+0	<input type="checkbox"/>
INDOOR AIR EXPOSURE PATHWAYS										
Complete:	5.2E-8	1.0E-5	5.2E-8	1.0E-5	<input type="checkbox"/>	6.3E-1	1.0E+0	7.5E-1	1.0E+0	<input type="checkbox"/>
SOIL EXPOSURE PATHWAYS										
Complete:	NC	1.0E-5	NC	1.0E-5	<input type="checkbox"/>	1.9E-1	1.0E+0	2.7E-1	1.0E+0	<input type="checkbox"/>
GROUNDWATER EXPOSURE PATHWAYS										
Complete:	7.1E-8	1.0E-5	7.1E-8	1.0E-5	<input type="checkbox"/>	1.5E-1	1.0E+0	2.1E-1	1.0E+0	<input type="checkbox"/>
SURFACE WATER EXPOSURE PATHWAYS										
Complete:	5.3E-12	1.0E-5	5.3E-12	1.0E-5	<input type="checkbox"/>	7.0E-6	1.0E+0	1.0E-5	1.0E+0	<input type="checkbox"/>
CRITICAL EXPOSURE PATHWAY (Maximum Values From Complete Pathways)										
	7.1E-8	1.0E-5	7.1E-8	1.0E-5	<input type="checkbox"/>	6.3E-1	1.0E+0	7.5E-1	1.0E+0	<input type="checkbox"/>
	Groundwater		Groundwater			Indoor Air		Indoor Air		

Exposure Pathway Identification

Site Name: Phillips, Inc
 Location: 534 Santa Clara Street
 Compl. By: GLT
 Job ID: C89088

Date: 5-Aug-09

1. Groundwater Exposure



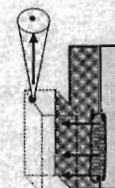
**Groundwater Ingestion/
Surface Water Impact**

Receptor: None ▼ Res. ▼ S.W. ▼
 On-site 0 Off-site1 1000 Off-site2 2000 (ft)
 Distance: 0 (ft)

Source Media:
 Affected Groundwater
 Affected Soils Leaching to Groundwater

Option:
 Apply MCL value as ingestion RBEL (backward mode only)

3. Air Exposure




**Volatilization and Particulates
to Outdoor Air Inhalation**

Receptor: Res. ▼ None ▼ None ▼
 On-site 0 Off-site1 0 Off-site2 0 (ft)
 Distance: 0 (ft)

Source Media: Construction worker
 Affected Soils--Volatilization to Ambient Outdoor Air
 Affected Groundwater--Volatilization to Ambient Outdoor Air
 Affected Surface Soils--Particulates to Ambient Outdoor Air

2. Surface Soil Exposure



Combined Exposure

Source Media:
 Direct Ingestion
 Dermal Contact
 Inhalation (vol+part)
 Vegetable Ingestion
 Veg Options

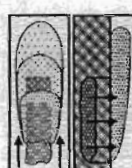
Receptor: Res. ▼ On-site 0
 Construction Worker
 Option:
 Apply UK (CLEA) SGV as soil concentration limit

4. Commands and Options

Main Screen **Print Sheet** **Set Units** **Help**

Exposure Factors & Target Risks Exposure Flowchart

1. Groundwater Exposure



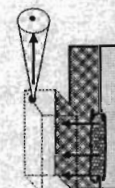
**Groundwater Ingestion/
Surface Water Impact**

Receptor: None ▼ Res. ▼ S.W. ▼
 On-site 0 Off-site1 1000 Off-site2 2000 (ft)
 Distance: 0 (ft)

Source Media:
 Affected Groundwater
 Affected Soils Leaching to Groundwater

Option:
 Apply MCL value as ingestion RBEL (backward mode only)

3. Air Exposure

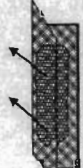


**Volatilization and Particulates
to Outdoor Air Inhalation**

Receptor: Res. ▼ None ▼ None ▼
 On-site 0 Off-site1 0 Off-site2 0 (ft)
 Distance: 0 (ft)

Source Media: Construction worker
 Affected Soils--Volatilization to Ambient Outdoor Air
 Affected Groundwater--Volatilization to Ambient Outdoor Air
 Affected Surface Soils--Particulates to Ambient Outdoor Air

2. Surface Soil Exposure



Combined Exposure

Source Media:
 Direct Ingestion
 Dermal Contact
 Inhalation (vol+part)
 Vegetable Ingestion
 Veg Options

Receptor: Res. ▼ On-site 0
 Construction Worker
 Option:
 Apply UK (CLEA) SGV as soil concentration limit

4. Commands and Options

Main Screen **Print Sheet** **Set Units** **Help**

Exposure Factors & Target Risks Exposure Flowchart

Site Name: Phillips, Inc
 Location: 534 Santa Clara Street
 Compl. By: GLT

Job ID: C89088
 Date: 5-Aug-09

Commands and Options

Main Screen

Print Sheet

Help

Source Media Constituents of Concern (COCs)

Selected COCs

COC Select:

- TPH - Atom >C08-C10
- TPH - Atom >C12-C16
- Xylenes (mixed isomers)
- Toluene
- Benzene
- Ethyl benzene

Representative COC Concentration

Groundwater Source Zone		Soil Source Zone	
Enter Directly	note	Enter Directly	note
(mg/L)		(mg/kg)	
0.0E+0	ND<0.05	2.4E+2	Verification Assessment 2006
6.5E-1	1/20/2009 GWM	3.0E+2	Verification Assessment 2006
2.1E-3	1/20/2009 GWM	7.2E-2	Verification Assessment 2006
3.0E-3	1/20/2009 GWM	1.2E-3	Verification Assessment 2006
1.5E-3	1/20/2009 GWM	0.0E+0	Verification Assessment 2006
6.8E-4	1/20/2009 GWM	8.9E-3	Verification Assessment 2006

Mole Fraction in Source Material	Material
(-)	(-)

View Chemical Parameters

?

?

?

Apply Raoult's Law

Transport Modeling Options

Site Name: Phillips, Inc
 Location: 534 Santa Clara Street
 Compl. By: GLT
 Job ID: C89088
 Date: 5-Aug-09

1. Vertical Transport, Surface Soil Column ?

Outdoor Air Volatilization Factors

Surface soil volatilization model only

Combination surface soil/Johnson & Ettinger models

Thickness of surface soil zone (ft) Enter VF Values

User-specified VF from other model

Indoor Air Volatilization Factors

Johnson & Ettinger model for soil and groundwater volatilization

Johnson & Ettinger for soil, Mass Flux model for groundwater

User-specified VF from other model Enter VF Values

Soil-to-Groundwater Leaching Factor

ASTM Model

Apply Soil Attenuation Model (SAM)

Allow first-order biodecay

User-specified LF from other model Enter Decay Rates

Modeling Options

Disable Mass Balance Limit

Apply Dual Equilibrium Desorption Model


2. Lateral Air Dispersion Factor ?

3-D Gaussian dispersion model

User-Specified ADF

Off-site 1 Off-site 2 (-)

3. Groundwater Dilution Attenuation Factor ?



Calculate DAF using Domenico Model

Domenico equation with dispersion only (no biodegradation) Enter Decay Rates

Domenico equation first-order decay Enter Site Data

Modified Domenico equation using electron acceptor superposition

Biodegradation Capacity (mg/L)

— or —

User-Specified DAF Values

DAF values from other model or site data Enter DAF Values

4. Chemical Decay and Source Depletion ?



Enter Decay Rates

Enter Source Mass

5. Commands and Options

#

Site Name: Phillips, Inc
 Location: 534 Santa Clara Street
 Compl. By: GLT

Job ID: C89088
 Date: 5-Aug-09

1. Site-Specific Soil Parameters

1. Soil Source Zone Characteristics

Hydrogeology

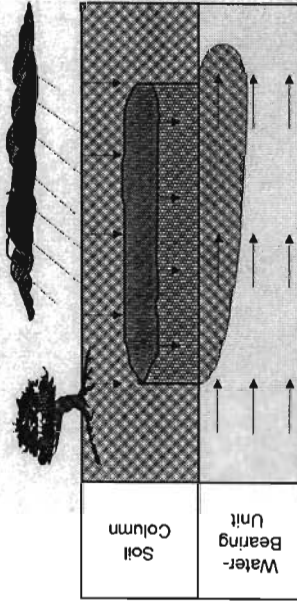
Depth to water-bearing unit (ft) 46
 Capillary zone thickness (ft) 0.295275591
 Soil column thickness (ft) 45.70472441

Affected Soil Zone

Depth to top of affected soils (ft) 15
 Depth to base of affected soils (ft) 50
 Length of affected soil parallel to assumed GW flow direction (ft) 20

Affected soil area (ft²) 400
 Length of affected soil parallel to assumed wind direction (ft) 20

Res/Com Construction (ft²) 20 20



2. Surface Soil Column

SM: Silty Sand

Vadose Zone ↓ Capillary Fringe

0.12	0.369 (-)
0.29	0.041 (-)
0.41	(-)
1.7	(kg/L)
86.4	(cm/d)
1.08E-12	(ft ²)
0.295275591	(ft)

Volumetric water content
 Volumetric air content
 Total porosity
 Dry bulk density
 Vertical hydraulic conductivity
 Vapor permeability
 Capillary zone thickness

Net Rainfall Infiltration

Net infiltration estimate

or

Average annual precipitation

Partitioning Parameters

Fraction organic carbon - entire soil column
 Fraction organic carbon - root zone
 Soil/water pH

30.00 (cm/yr)
 ↑ or
 0 (cm/yr)

0.01 (-)
 0.01 (-)
 6.8 (-)

3. Commands and Options

Main Screen

Set Units

Use/Set Default Values

Print Sheet

Help

#

1. Water-Bearing Unit

Hydrogeology

Groundwater Darcy velocity (cm/d)

Groundwater seepage velocity (cm/d)

or

Hydraulic conductivity (cm/d)

Hydraulic gradient (-)

Effective porosity (-)

Sorption

Fraction organic carbon-saturated zone (-)

Groundwater pH (-)

2. Groundwater Source Zone

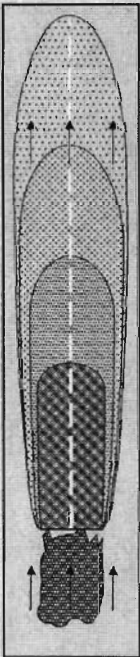
Groundwater plume width at source (ft)

Plume (mixing zone) thickness at source (ft)

or

Saturated thickness (ft)

Length of source zone (ft)



3. Groundwater Dispersion

Model: Xu and Eckstein

Distance to GW receptors (ft)

Longitudinal dispersivity (ft)

Transverse dispersivity (ft)

Vertical dispersivity (ft)

4. Groundwater Discharge to Surface Water

GW Ingestion

Off-site 1	Off-site 2	GW to Indoor Air	Off-site 1	Off-site 2
1000	2000	0	0	0
24.488681	32.276623	0	0	0
2.4488681	3.2276623	0	0	0
0.24488681	0.3227662	0	0	0

Distance to GW/SW discharge point (ft)

Plume width at GW/SW discharge (ft)

Plume thickness at GW/SW discharge (ft)

Surface water flowrate at GW/SW discharge (ft³/s)

5. Commands and Options

Job ID: C89088
Date: 5-Aug-09

Site Name: Phillips, Inc
Location: 534 Santa Clara Street
Compl. By: GLT

Site-Specific Air Parameters

Site Name: Phillips, Inc
 Location: 534 Santa Clara Street
 Compl. By: GLT

Job ID: C89088
 Date: 5-Aug-09

1. Outdoor Air Pathway

Select Model- Go to Transport Models

User Defined Air Dispersion Factor Used

Off-site 1	Off-site 2	
0	0	(ft)
0	0	(ft)
0	0	(ft)
6.56167979		(ft)
7.381889764		(ft/s)
79.25		

Model: ASTM Model

0.00E+0	(kg/m ³)
6.90E-14	(g/cm ² s)
5.00E-1	(-)
1.57E+1	(ft/s)
3.71E+1	(-)
2.24E-1	(-)

Dispersion in Air

Distance to offsite air receptor

Horizontal dispersivity

Vertical dispersivity

Air Source Zone

Air mixing zone height

Ambient air velocity in mixing zone

Inverse mean conc. [Q/C term]

Particulate Emissions

Particulate Emission Factor

or

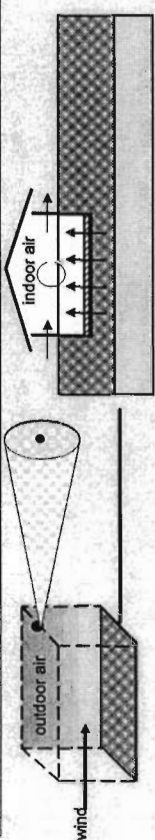
Areal particulate emission flux

Fraction vegetative cover

Mean annual air velocity @ 7 m

Equivalent 7m air vel. threshold

Windspeed function [F(x) term]



2. Indoor Air Pathway

User Defined Volatilization Factor Used

Residential	Commercial
6.56168	9.84252
753.4737	753.4737
160.7612	111.5486
1.4E-4	2.3E-4
0.492126	0.492126
0.0E+0	0.0E+0
0.492125984	
0.001	
0.12	
0.26	
0	
15926.91	15926.91
31.52887	31.52887
31.52887	31.52887
0.38	
0.020	
18.03	

Building volume/area ratio

Foundation area

Foundation perimeter

Building air exchange rate

Depth to bottom of foundation slab

Convective air flow through cracks

Foundation thickness

Foundation crack fraction

Volumetric water content of cracks

Volumetric air content of cracks

Indoor/Outdoor differential pressure

Building Volume

Building Width Perpendicular to GW flow

Building Length Parallel to GW flow

Saturated Soil Zone Porosity

Vertical Dispersivity

Groundwater Seepage Velocity

3. Commands and Options

Main Screen

Use/Set Default Values

Print Sheet

Help

Set Units

REMEDIAL ACTION COMPLETION CERTIFICATION

June 11, 2010

File #C89088


Ms. Alice Weaver
Phillips, Inc.
215 Palm Street
Fillmore, CA 91510

**SITE NAME/ADDRESS: HAL PHILLIPS, INC., 534 SANTA CLARA AVENUE,
FILLMORE, CALIFORNIA**

This letter confirms the completion of a site investigation and remedial action related to the underground storage tank(s) located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the underground storage tank and dispenser are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of the Health and Safety Code (HSC), subdivisions (a) and (b) of Section 25296.10 and with corrective action regulations adopted pursuant to HSC, Section 25299.3 and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to HSC, subdivision (g) of Section 25296.10. If you have any questions regarding this matter, please contact Diane B. Wahl of the LUFT Program at 805/654-5040.


ROBERT GALLAGHER, DIRECTOR
ENVIRONMENTAL HEALTH DIVISION
RESOURCE MANAGEMENT AGENCY

Attachment: Case Closure Summary

c: Mr. Ed De La Llave, PW Environmental (w/enclosure)

Case Closure Summary

Leaking Underground Fuel Tank Program

I. Agency Information

Date: 9/09/2009

Agency name: Ventura County Environmental Health	Address: 800 South Victoria Avenue
City/State/ZIP: Ventura, CA 93009-1730	Phone: 805-662-6510
Responsible staff person: Gina L. Teresa, P.G.	Title: Environmental Health Specialist III

II. Case Information

Site facility name: Hal Phillips Inc				
Site facility address: 534 Santa Clara Street, Fillmore, CA				
RB LUSTIS Case No: N/A		Local Case No: C-89088		LOP Case No: C89088
URF filing date: 07/12/1989		SWEEPS No:		
Responsible Parties		Addresses		Phone Numbers
Ms. Alice Weaver		215 Palm Street		
Phillips, Inc		Fillmore, CA 91510		
Tank No	Size in Gal	Contents	Closed In-place/Removed	Date
1	8,000	Gasoline	Removed by M.H. Loe Company	July 11, 1989
2	10,000	Gasoline	Removed by M.H. Loe Company	July 11, 1989
3	500	Waste-Oil	Removed by M.H. Loe Company	July 11, 1989

III. Release and Site Characterization Information

Cause and type of release: USTs/Dispensers				
Site characterization complete? Yes		Date approved by oversight agency: September 9, 2009		
Monitoring Wells installed? Yes		Number: 7	Proper screened interval? Yes	
Highest GW depth below ground surface: 40'		Lowest depth: 56'	Flow direction: Northwest	
Most sensitive current use: Storage yard in mixed commercial/residential area				
Are drinking water wells affected? No		Aquifer name: Fillmore Groundwater Basin- Santa Clara River		
Is surface water affected? No		Nearest SW name: Santa Clara River (~2,000 feet south of site)		
Off-site beneficial use impacts (addresses/locations): None				
Report(s) on file? Yes		Where are reports filed? VCEHD Document Imaging Website and State's GeoTracker Database		
Treatment and Disposal of Affected Material				
Material	Amount	Action (Treatment or Disposal w/Destination)		Date
Soil/Soil Vapor Hydrocarbons	Approx. 5,200 pounds	Soil Vapor Extraction		February 2004

Case Closure Summary
Leaking Underground Fuel Tank Program

III. Release and Site Characterization Information (Continued C89088)

Maximum Documented Contaminant Concentrations - - Before and After Cleanup									
Contaminant	Soil (mg/kg)		Water (ug/L)		Contaminant	Soil (mg/kg)		Water (ug/L)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gasoline)	4,600	240	11,000	<50	Benzene	ND<0.005	ND<0.001	510	1.45
TPH (Diesel)	300	300	1,030	651j	Toluene	1	0.0012	590	2.99
TPH (Oil)	NA	NA	5,000	ND<5,000*	Ethylbenzene	4.8	0.007	560	0.68
TRPH	140,000	300/240	NA	NA	Xylenes	39	0.072	2,900	2.07
MTBE/TBA	ND<0.005	ND<0.003	13.8/61	ND/ND	Total Lead	12,000	140	STLC-131 mg/L	STLC-4.55 mg/L

Comments: Before Soil = After Soil & Before Water = After Water = The maximum levels recorded in historical sampling events. TPH-oil reporting limits have varied, TPH-oil has been historically ND from <10 ug/L to <5,000 ug/L.

The three underground storage tanks were removed in 1989. Multiple site soil and groundwater assessments were conducted between 1994 and 2006. Elevated hydrocarbons were encountered in soils beneath the former dispensers and the waste-oil UST location. Soils and groundwater beneath the former waste-oil tank location have been tested for full suite VOC's.

Since 1994, one vapor extraction well (VW-1) and seven groundwater monitoring wells (MW-1 through MW-7) have been installed and approximately 50 groundwater monitoring events have been conducted.

Soil vapor extraction was performed at the site from 2001 to 2004. Approximately 5,200 pounds of hydrocarbons have been extracted from the vadose zone beneath the site.

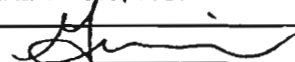
The February 2005 and April 2006 verification assessments confirmed that no significant hydrocarbon concentrations remain in soil or groundwater beneath the site. Additionally, the lead-impacted soil is adequately assessed; verification soil sample results indicate a decrease in total and soluble lead concentrations at the dispenser and waste-oil UST locations where elevated lead concentrations were recorded.

The site passes a Tier 2/3 health risk based assessment for residential indoor and outdoor air, groundwater and surface water exposure pathways using site specific criteria and verification boring results.

IV. Closure

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes	
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes	
Do cleanup levels exceed Regional Board requirements? No	Identify: None
Rationale for exceeding RB requirements: N/A	
Does corrective action protect public health for current land use? Yes	
Site management requirements: None	Should corrective action be reviewed if land use changes? No
Monitoring wells Decommissioned: No	Number Decommissioned: 0 Number Retained: 7
List enforcement actions taken: None	List enforcement actions rescinded: None

V. Local Agency Representative Data

Name: Gina L. Teresa, P.G.	Title: Environmental Health Specialist III
Signature: 	Date 9/9/2009

VI. RWQCB Notification

Date Submitted to RB Executive Officer:	RB Response:
RWQCB Staff Name:	Title: Date:
Additional Comments, Data, Etc.	

Property Owner Interview Questionnaire

Rincon Project _____

Site Name and Full Address: _____

This questionnaire should be completed by the current property owner or a designated representative of the current property owner. We respectfully request that you fill out and return this form (via fax 760-918-9444 or email _____) to us within one week from the date of this transmittal.

1)	<p>Was the subject property or any adjoining property ever used as:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> a gasoline or other fueling station <input type="checkbox"/> a motor vehicle repair facility <input type="checkbox"/> a commercial printing facility <input type="checkbox"/> a dry cleaners <input type="checkbox"/> a photo developing laboratory <input type="checkbox"/> a metal plating facility <input type="checkbox"/> a farm </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> a junkyard or landfill <input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility <input type="checkbox"/> a machine shop <input type="checkbox"/> a manufacturing facility <input type="checkbox"/> an oil production facility (including oil wells) <input type="checkbox"/> any other industrial use </td> </tr> </table> <p><i>(please check all that apply and describe)</i></p>	<input type="checkbox"/> a gasoline or other fueling station <input type="checkbox"/> a motor vehicle repair facility <input type="checkbox"/> a commercial printing facility <input type="checkbox"/> a dry cleaners <input type="checkbox"/> a photo developing laboratory <input type="checkbox"/> a metal plating facility <input type="checkbox"/> a farm	<input type="checkbox"/> a junkyard or landfill <input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility <input type="checkbox"/> a machine shop <input type="checkbox"/> a manufacturing facility <input type="checkbox"/> an oil production facility (including oil wells) <input type="checkbox"/> any other industrial use
<input type="checkbox"/> a gasoline or other fueling station <input type="checkbox"/> a motor vehicle repair facility <input type="checkbox"/> a commercial printing facility <input type="checkbox"/> a dry cleaners <input type="checkbox"/> a photo developing laboratory <input type="checkbox"/> a metal plating facility <input type="checkbox"/> a farm	<input type="checkbox"/> a junkyard or landfill <input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility <input type="checkbox"/> a machine shop <input type="checkbox"/> a manufacturing facility <input type="checkbox"/> an oil production facility (including oil wells) <input type="checkbox"/> any other industrial use		

2)	Please describe the current land uses of the subject property and those surrounding your property. Please indicate all businesses/companies located on property.	
2a	<p>Current Use of Subject Property <i>(please check all that apply)</i></p> <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	<i>(please include a brief description of current operation)</i>
2b	<p>Current Use of Northern Adjoining Properties <i>(please check all that apply)</i></p> <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	<i>(please include a brief description of current operation)</i>
2c	<p>Current Use of Southern Adjoining Properties <i>(please check all that apply)</i></p> <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	<i>(please include a brief description of current operation)</i>
2d	<p>Current Use of Western Adjoining Properties <i>(please check all that apply)</i></p> <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	<i>(please include a brief description of current operation)</i>

Property Owner Interview Questionnaire

Rincon Project _____

Site Name and Full Address: _____

2e	Current Use of Eastern Adjoining Properties <i>(please check all that apply)</i> <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	<i>(please include a brief description of current operation)</i>
-----------	---	--

3)	Please describe the previous land uses of your property and those surrounding your property. Include property ownership and dates of operation if known.	
3a	Previous Use of Subject Property <i>(please check all that apply)</i> <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	<i>(please include a brief description of previous operations, former property owners, and dates of operation)</i>
3b	Previous Use of Northern Adjoining Properties <i>(please check all that apply)</i> <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	<i>(please include a brief description of previous operations)</i>
3c	Previous Use of Southern Adjoining Properties <i>(please check all that apply)</i> <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	<i>(please include a brief description of previous operations)</i>
3d	Previous Use of Western Adjoining Properties <i>(please check all that apply)</i> <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	<i>(please include a brief description of previous operations)</i>
3e	Previous Use of Eastern Adjoining Properties <i>(please check all that apply)</i> <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	<i>(please include a brief description of previous operations)</i>

4)	Who is the current owner of the property?	
-----------	--	--

5)	When did current ownership begin?	
-----------	--	--

Property Owner Interview Questionnaire

Rincon Project _____

Site Name and Full Address: _____

6)	What is the age of the on-site facility?	
----	---	--

7)	Who is the previous owner of the property?	
----	---	--

8)	Please indicate the property's current	
	electrical service provider -	
	water service provider -	
	natural gas service provider -	
	sewer service provider -	
	solid waste hauler -	

9)	To the best of your knowledge, has your facility previously or does your facility currently store or use any of the following in individual containers larger than 5 gallons in volume or 50 gallons in the aggregate? (if Yes or Unknown, include how many, type, and size)	
	<input type="checkbox"/> Damaged or discarded automotive or industrial batteries	
	<input type="checkbox"/> Paints	
	<input type="checkbox"/> Oils or solvents	
	<input type="checkbox"/> Motor vehicle fuel	
	<input type="checkbox"/> Pesticides or herbicides	
	<input type="checkbox"/> Other chemicals or hazardous substances	

10)	Please indicate any wastes generated at the facility.		
	Hazardous waste:	Quantity:	Disposal Method:

Property Owner Interview Questionnaire

Rincon Project _____

Site Name and Full Address: _____

11)	Are there currently or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

12)	Are there currently or to the best of your knowledge have there been previously, any evidence of fill dirt having been brought onto the property that originated from a contaminated site or that is of an unknown origin?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

13)	Are there currently or to the best of your knowledge have there been previously, any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

14)	Are there currently or to the best of your knowledge have there been previously, any sumps, clarifiers, or solvent degreasers on the property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

15)	Are there currently or to the best of your knowledge have there been previously, any stained soil on the property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

16)	Are there currently or to the best of your knowledge have there been previously, any storage tanks (above or below ground) located on the property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

Property Owner Interview Questionnaire

Rincon Project _____

Site Name and Full Address: _____

17)	Are there currently or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways (etc.) indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

18)	If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government agency?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

19)	Are there currently or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

20)	To the best of your knowledge has your facility previously or does your facility currently, discharge wastewater on or adjacent to the property other than storm water into a sanitary sewer system?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

21)	Have any of the following ever been dumped above grade, buried and/or burned on the property? (please check all that apply and describe if possible)	
	<input type="checkbox"/> Hazardous substances	
	<input type="checkbox"/> Petroleum products	
	<input type="checkbox"/> Unidentified waste materials	
	<input type="checkbox"/> Tires	
	<input type="checkbox"/> Automotive or industrial batteries	
	<input type="checkbox"/> Other waste materials (please describe)	

Property Owner Interview Questionnaire

Rincon Project _____

Site Name and Full Address: _____

22)	Are there currently or to the best of your knowledge have there been previously, a transformer, capacitor or any hydraulic equipment on the property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

23)	Are there currently or to the best of your knowledge have there been previously any records indicating the presence of PCBs?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

24)	Are there currently or to the best of your knowledge have there been previously any records indicating the presence of pesticides or herbicides?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

25)	Do you have any knowledge of environmental liens that may have been recorded against the property or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

26)	Do you have any knowledge of activity and use limitations (AULs) such as engineering controls, deed restrictions, land use restrictions, or institutional controls that may have been recorded against the property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

27)	Have you been informed of the past or current existence of hazardous substances, petroleum products, or environmental violations with respect to the property or any facility located on the property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

Property Owner Interview Questionnaire

Rincon Project _____

Site Name and Full Address: _____

28)	Do you have any knowledge of any environmental site assessments of the property or facility?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

29)	Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

30)	Are there any site-specific geotechnical or geologic reports available for the subject property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

31)	Is there a Title Report available for the subject property?	
	<input type="checkbox"/> Yes	<i>If Yes or Unknown, please describe</i>
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

This questionnaire was completed by (please print)	
Name	
Title	
Firm	
Street Address	
City, State, Zip Code	
Phone Number	
Fax Number	
What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)?	

Property Owner Interview Questionnaire

Rincon Project _____

Site Name and Full Address: _____

Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:

Rincon Consultants, Inc.
2215 Faraday Avenue, Suite A
Carlsbad, CA 92008
Attention: Environmental Site Assessment Division
Fax: (760) 918-9444
Email: _____@rinconconsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature _____ **Date** _____

Appendix B

Regulatory Records Documentation

215 and 221 Palm Street and 534 Santa Clara Street

215 and 221 Palm Street and 534 Santa Clara Street

Fillmore, CA 93015

Inquiry Number: 05078721.2r

October 17, 2017

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

215 AND 221 PALM STREET AND 534 SANTA CLARA STREET
FILLMORE, CA 93015

COORDINATES

Latitude (North): 34.3973640 - 34° 23' 50.51"
Longitude (West): 118.9146910 - 118° 54' 52.88"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 323994.1
UTM Y (Meters): 3807682.2
Elevation: 457 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5636811 FILLMORE, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140531
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 215 AND 221 PALM STREET AND 534 SANTA CLARA STREET
 FILLMORE, CA 93015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	FILLMORE RENTALS	215 PALM ST	VENTURA CO. BWT, HAZNET		TP
A2	AUTO SERVICE CENTER	215 PALM ST	EDR Hist Auto		TP
Reg	PACIFIC COAST PIPE L	67 E TELEGRAPH RD	NPL, SEMS, US ENG CONTROLS, US INST CONTROL, ROD,.	Same	2745, 0.520, ENE
A3	PHILLIPS INC.	534 SANTA CLARA ST	LUST, HIST CORTESE	Higher	1 ft.
A4	PHILLIPS INC.	534 SANTA CLARA ST	RGA LUST	Higher	1 ft.
A5	HAL PHILLIPS INC	534 SANTA CLARA STRE	HAZNET	Higher	1 ft.
A6	RICH J A	538 SANTA CLARA ST	EDR Hist Auto	Higher	1 ft.
A7	PHILLIPS INC.	534 SANTA CLARA ST	FINDS	Higher	1 ft.
A8	553 VENTURA COUNTY E	534 SANTA CLARA	FINDS	Higher	1 ft.
A9	PHILLIPS HAL PONTIAC	534 SANTA CLARA	EDR Hist Auto	Higher	1 ft.
A10	GRIMALDO ENTERPRISES	233 PALM STREET	FINDS	Higher	1 ft.
A11	HATTON'S PONTIAC BUI	534 SANTA CLARA AVE	SWEEPS UST, CA FID UST	Higher	1 ft.
A12	HATTON'S PONTIAC/BUI	534 SANTA CLARA STRE	UST	Higher	1 ft.
A13	HAL PHILLIPS INC	534 SANTA CLARA STRE	HAZNET	Higher	1 ft.
A14	PHILLIPS INC.	534 SANTA CLARA STRE	RGA LUST	Higher	1 ft.
A15	JONES BROS	543 VENTURA ST	EDR Hist Auto	Lower	24, 0.005, SSE
A16	BALDEN RANCH CO INC	5W CORNER CENTRAL AN	HIST UST	Lower	57, 0.011, SE
A17	HAROLD BALDEN	CENTRAL & HWY 126	UST	Lower	58, 0.011, SE
A18	CAMPBELLS AUTO REPAI	562 SANTA CLARA ST	EDR Hist Auto	Higher	113, 0.021, NW
A19	GAZZAWAY W E	552 SANTA CLARA ST	EDR Hist Auto	Higher	113, 0.021, NW
A20	CAMPBELL'S AUTO REPA	562 SANTA CLARA STRE	UST, HIST UST, VENTURA CO. BWT	Higher	113, 0.021, NW
A21	BURKE S AUTO SERVICE	560 SANTA CLARA ST	EDR Hist Auto	Higher	113, 0.021, NW
A22	ESTRADAS AUTOMOTIVE	515 W VENTURA ST B	EDR Hist Auto	Lower	149, 0.028, ESE
A23	PARKER AUTO PARTS	515 VENTURA ST	RCRA-SQG, FINDS, ECHO, HAZNET	Lower	149, 0.028, ESE
A24	BULLARDS AUTO PARTS	515 VENTURA ST	HIST UST, VENTURA CO. BWT, HAZNET	Lower	149, 0.028, ESE
A25	BULLARD'S AUTO PARTS	515 VENTURA ST.	UST, HIST UST	Lower	149, 0.028, ESE
B26	PEYT S GARAGE	510 SANTA CLARA ST	EDR Hist Auto	Higher	199, 0.038, NE
C27	CROWN DODGE	502 VENTURA ST	LUST	Lower	270, 0.051, SE
C28	CROWN DODGE	502 VENTURA	LUST, VENTURA CO. BWT, HIST CORTESE	Lower	270, 0.051, SE
C29	CHRISS DETAIL SHOP	502 W VENTURA ST 316	EDR Hist Auto	Lower	270, 0.051, SE
C30	BALDEN RANCH	502 VENTURA BLVD.	UST	Lower	270, 0.051, SE
C31	BALDEN RANCH CO INC	502 VENTURA ST	SWEEPS UST, CA FID UST	Lower	270, 0.051, SE
C32	CHRIS DETAIL SHOP	502 VENTURA ST	RCRA-SQG, FINDS, ECHO	Lower	270, 0.051, SE
D33	R.W. RICHTER	603 SANTA CLARA ST	LUST, HIST CORTESE	Higher	289, 0.055, NW
D34	ROLLIN W. RICHTER	603 SANTA CLARA STRE	UST	Higher	289, 0.055, NW
D35	R ELECTRIC	603 SANTA CLARA ST	HIST UST	Higher	289, 0.055, NW
B36	ARMSTRONG & RUDKIN	501 SANTA CLARA ST	EDR Hist Auto	Higher	294, 0.056, NE
E37	FILLMORE CLEANERS	614 VENTURE ST	DRYCLEANERS	Lower	295, 0.056, SW
B38	MORRIS WILLIAM	504 SANTA CLARA ST	EDR Hist Auto	Higher	299, 0.057, NE

MAPPED SITES SUMMARY

Target Property Address:
215 AND 221 PALM STREET AND 534 SANTA CLARA STREET
FILLMORE, CA 93015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
B39	OPSAHL JOHN COMPANY	506 SANTA CLARA ST	EDR Hist Auto	Higher	299, 0.057, NE
B40	WILLIAM L. MORRIS CH	504 SANTA CLARA AVE	SWEEPS UST	Higher	299, 0.057, NE
B41	FISCHER R F	502 SANTA CLARA ST	EDR Hist Auto	Higher	299, 0.057, NE
B42	WILLIAM L MORRIS CHE	508 SANTA CLARA AVE	RCRA-SQG, LUST, FINDS, ECHO, VENTURA CO. BWT,...	Higher	299, 0.057, NE
B43	WM L MORRIS-FILLMORE	508 SANTA CLARA ST	HIST UST	Higher	299, 0.057, NE
B44		508 SANTA CLARA ST	EDR Hist Auto	Higher	299, 0.057, NE
B45	OPSAHL JOHN COMPANY	503 SANTA CLARA ST	EDR Hist Auto	Higher	299, 0.057, NE
B46	OPSAHL JOHN COMPANY	505 SANTA CLARA ST	EDR Hist Auto	Higher	309, 0.059, NE
B47	WILLIAM L. MORRIS CH	505 SANTA CLARA ST	LUST	Higher	309, 0.059, NE
B48	WM L MORRIS CHEVROLE	505 SANTA CLARA ST	UST	Higher	309, 0.059, NE
B49	OPSAHL JOHN COMPANY	507 SANTA CLARA ST	EDR Hist Auto	Higher	321, 0.061, NE
C50	ROGERS & MILUMN	505 VENTURA ST	EDR Hist Auto	Lower	329, 0.062, ESE
C51	MORRIS WM L	215 CENTRAL AVE	EDR Hist Auto	Higher	342, 0.065, East
B52	CASE L W	245 CENTRAL AVE	EDR Hist Auto	Higher	342, 0.065, ENE
E53	FILLMORE CLEANERS	614 W VENTURA ST	DRYCLEANERS	Lower	380, 0.072, SW
E54	FILLMORE CLEANERS	614 W VENTURA ST	EDR Hist Cleaner	Lower	380, 0.072, SW
C55	HAROLD BALDEN	NW X CENTRAL/HWY 126	LUST, HIST CORTESE	Lower	391, 0.074, ESE
F56	CITY OF FILLMORE	519 MAIN STREET	UST	Higher	412, 0.078, NNE
F57	CITY OF FILLMORE PUB	519 MAIN ST	SWEEPS UST, CA FID UST	Higher	412, 0.078, NNE
G58	BARLOW DONALD E	218 CENTRAL AVE	EDR Hist Auto	Higher	440, 0.083, East
B59		236 CENTRAL AVE	EDR Hist Auto	Higher	440, 0.083, ENE
G60	IRWIN E P	224 CENTRAL AVE	EDR Hist Auto	Higher	456, 0.086, East
F61	CITY OF SANTA PAULA	530 MAIN STREET	UST	Higher	474, 0.090, NNE
F62	FRANK CLEANERS	518 MAIN STREET	UST	Higher	494, 0.094, NNE
G63	SADIE S TEXACO SERVI	461 VENTURA ST	EDR Hist Auto	Higher	504, 0.095, East
G64	CHARLOTTE CORRAL	461 VENTURA ST.	UST	Higher	504, 0.095, East
C65	SUNDANCE ENTERPRISES	460 VENTURA ST.	UST	Lower	508, 0.096, ESE
C66	MILTON RANCHES	460 VENTURA ST	LUST, VENTURA CO. BWT, HIST CORTESE	Lower	508, 0.096, ESE
C67	DAVISON JAMES F & MI	460 VENTURA ST	EDR Hist Auto	Lower	508, 0.096, ESE
F68	SHERWOOD H E	505 MAIN ST	EDR Hist Auto	Higher	519, 0.098, NNE
D69	MOBILE RIG WORX	302 ORANGE GROVE AVE	EDR Hist Auto	Higher	546, 0.103, WNW
D70	HOYLE PRODUCTS	302 ORANGE GROVE AVE	UST	Higher	546, 0.103, WNW
F71	SNOW WHITE LAUNDRY	323 CENTRAL AVE	EDR Hist Cleaner	Higher	565, 0.107, NNE
72	RITE AID #5777	600 W VENTURA ST	RCRA-CESQG	Lower	573, 0.109, South
G73	VALLEY FORD TRACTOR	449 VENTURA ST	LUST, HIST UST, VENTURA CO. BWT, HIST CORTESE	Higher	594, 0.112, East
G74	VALLEY FORD TRACTOR	449 VENTURA ST.	LUST, UST, SWEEPS UST, HIST UST	Higher	594, 0.112, East
H75	CAMPBELL PUBLIC AFFA	459 MAIN ST	EDR Hist Auto	Higher	619, 0.117, NNE
F76	KLOTZ B C	331 CENTRAL	EDR Hist Cleaner	Higher	633, 0.120, NNE
H77	BIB-N-TUCKER CLEANER	324 CENTRAL AVE	EDR Hist Cleaner	Higher	653, 0.124, NNE

MAPPED SITES SUMMARY

Target Property Address:
215 AND 221 PALM STREET AND 534 SANTA CLARA STREET
FILLMORE, CA 93015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G78	FILLMORE SHELL SERVI	441 VENTURA ST	EDR Hist Auto	Higher	654, 0.124, East
I79	DINOS AANDW DRIVE-IN	650 VENTURA ST	HIST UST	Lower	660, 0.125, SW
80	SUNDANCE ENTERPRISES	446 VENTURA ST	HIST UST	Lower	669, 0.127, ESE
I81	DINO'S A & W DRIVE-I	650 VENTURA ST.	UST	Lower	694, 0.131, WSW
J82	CAL RECYCLING	636 W VENTURA ST	SWRCY	Lower	769, 0.146, SSW
J83	VONS STORE NO 2442	636 VENTURA ST	RCRA NonGen / NLR	Lower	778, 0.147, SSW
I84	USA PETROLEUM SS #83	660 VENTURA ST	LUST	Lower	810, 0.153, WSW
I85	UNOCAL #3290	660 VENTURA ST	LUST, SWEEPS UST	Lower	810, 0.153, WSW
I86	TESORO WEST COAST CO	660 VENTURA ST	RCRA-SQG, FINDS, ECHO	Lower	810, 0.153, WSW
I87	UNOCAL #3290	660 VENTURA ST	LUST, VENTURA CO. BWT, HIST CORTESE	Lower	810, 0.153, WSW
I88	USA PETROLEUM #838	660 VENTURA ST	LUST	Lower	810, 0.153, WSW
I89	UNOCAL #3290	660 VENTURA ST	LUST	Lower	810, 0.153, WSW
I90	TESORO-USA #68135	660 VENTURA ST.	UST	Lower	810, 0.153, WSW
I91	TESORO WEST COAST CO	660 VENTURA ST	HIST UST, HAZNET	Lower	810, 0.153, WSW
I92	THOMAS P. EATON	665 VENTURA ST.	UST	Lower	822, 0.156, WSW
K93	PETE CARRILLO	663 SANTA CLARA STRE	UST	Lower	824, 0.156, West
K94	GASOLINE STATION	663 SANTA CLARA ST	HIST UST	Lower	824, 0.156, West
I95	UNION OIL SERVICE ST	660 W VENTURA ST	HIST UST	Lower	824, 0.156, WSW
I96	SERVICE STATION 3290	660 W VENTURA ST	HIST UST	Lower	824, 0.156, WSW
L97	SATICOY LEMON PACKIN	616 SESPE AVENUE AND	US BROWNFIELDS	Higher	830, 0.157, NW
L98	SATICOY LEMON ASSOC.	348 A STREET	UST, EMI	Higher	830, 0.157, NW
L99	SATICOY LEMON ASSOCI	348 A STREET	HIST UST, HAZNET	Higher	830, 0.157, NW
L100	SATICOY LEMON ASSOCI	348 A ST	HIST UST, VENTURA CO. BWT, WDS	Higher	830, 0.157, NW
M101	GIANT TRUCK STOP	540 SESPE AVENUE	HIST UST	Higher	854, 0.162, North
N102	DELAROSA EXXON	423 W VENTURA ST	HIST UST	Higher	864, 0.164, East
N103	SAIF'S FOOD MART	423 VENTURA ST	LUST, VENTURA CO. BWT, HIST CORTESE	Higher	864, 0.164, East
N104	FILLMORE ARCO AM/PM	423 VENTURA ST	SWEEPS UST, HIST UST, CA FID UST	Higher	864, 0.164, East
N105	SAIFS FOOD MART	423 W VENTURA ST	UST	Higher	864, 0.164, East
N106	SAIFS FOOD MART	423 VENTURA ST	UST	Higher	864, 0.164, East
M107	CITY OF FILLMORE	524 SESPE AVENUE	UST	Higher	911, 0.173, North
K108	PACIFIC BELL DBA AT	233 A ST	UST	Lower	933, 0.177, West
K109	PACIFIC BELL (KD-100	233 A STREET	HIST UST	Lower	933, 0.177, West
K110	PACIFIC BELL - (KD10	233 A ST	UST	Lower	933, 0.177, West
K111	AT&T CALIFORNIA - KD	233 A ST	RCRA-SQG, LUST, AST, SWEEPS UST, HIST UST, FINDS,...	Lower	933, 0.177, West
N112	HOWARD BROTHERS	422 VENTURA ST.	UST	Higher	954, 0.181, East
N113	HOWARD BROS RANCH	422 VENTURA ST	HIST UST	Higher	954, 0.181, East
M114	FAIRIFIELD VOLUNTEER	533 SESPE AVENUE	HIST UST, MED WASTE VENTURA	Higher	985, 0.187, North
O115	VERIZON WIRELESS - F	310 A ST	AST, VENTURA CO. BWT	Lower	989, 0.187, WNW
O116	ORTIZ BROTHERS	310 A STREET	UST	Lower	989, 0.187, WNW

MAPPED SITES SUMMARY

Target Property Address:
 215 AND 221 PALM STREET AND 534 SANTA CLARA STREET
 FILLMORE, CA 93015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
P117	CHASE BROS.	707 W VENTURA ST	HIST UST	Lower	1000, 0.189, WSW
P118	CHASE BROS	707 VENTURA STREET	HIST UST, HAZNET	Lower	1008, 0.191, WSW
P119	CHASE BROS. DAIRY	707 VENTURA ST.	UST	Lower	1008, 0.191, WSW
P120	CHASE BROTHERS DAIRY	707 VENTURA ST	LUST	Lower	1008, 0.191, WSW
P121	CHASE BROTHERS DAIRY	707 VENTURA ST	LUST, VENTURA CO. BWT, HIST CORTESE	Lower	1008, 0.191, WSW
P122	CHASE BROS. DAIRY #1	707 VENTURA ST	SWEEPS UST, CA FID UST	Lower	1008, 0.191, WSW
P123	JIFFY LUBE # 3265	707 VENTURA ST	AST	Lower	1029, 0.195, WSW
P124	FILLMORE CHEVRON	704 W VENTURA ST	UST	Lower	1029, 0.195, WSW
P125	97983	704 W VENTURA ST	HIST UST, VENTURA CO. BWT	Lower	1029, 0.195, WSW
P126	CHEVRON 97983	704 W VENTURA ST.	RCRA-LQG	Lower	1029, 0.195, WSW
P127	CHEVRON STATION #979	704 W VENTURA ST	UST	Lower	1029, 0.195, WSW
P128	CHEVRON #9-7983	704 VENTURA ST	LUST	Lower	1032, 0.195, WSW
P129	CHEVRON #9-7983	704 VENTURA ST	LUST	Lower	1032, 0.195, WSW
P130	CHEVRON #97983	704 VENTURA ST	UST	Lower	1032, 0.195, WSW
P131	ROBERT LEWIS BROWN I	704 VENTURA ST	RCRA-SQG, FINDS, ECHO	Lower	1032, 0.195, WSW
P132	CHEVRON #97983	704 VENTURA ST	SWEEPS UST, HIST UST, CA FID UST	Lower	1032, 0.195, WSW
P133	CHEVRON SS #7983	704 VENTURA	LUST, VENTURA CO. BWT, HIST CORTESE	Lower	1032, 0.195, WSW
Q134	HUTCHINS-RANDALL, ED	404 CENTRAL AVENUE	UST	Higher	1033, 0.196, NNE
N135	FILLMORE AUTO ELECTR	401 VENTURA ST	HIST UST, HAZNET	Higher	1038, 0.197, East
N136	DEWEY L. THOMPSON	401 VENTURA ST.	UST, HIST UST	Higher	1038, 0.197, East
137	CITY OF FILLMORE-EQU	419 MAIN ST (REAR OF	HIST UST	Higher	1052, 0.199, NE
Q138	TEXACO/CORY BURCH AU	405 CENTRAL AVE	SWEEPS UST, CA FID UST	Higher	1060, 0.201, North
Q139	TEXACO	405 CENTRAL	LUST, VENTURA CO. BWT, HIST CORTESE	Higher	1060, 0.201, North
Q140	SCOLES, JOHN (TEXACO	405 CENTRAL AVENUE	UST	Higher	1060, 0.201, North
Q141	TEXACO SS - CENTRAL	405 CENTRAL AVE	LUST	Higher	1060, 0.201, North
Q142	TEXACO SS - CENTRAL	405 CENTRAL AVE	LUST	Higher	1060, 0.201, North
O143	HAROLD BALDEN	NW X CENTRAL/HWY 126	LUST	Higher	1096, 0.208, NW
Q144	DOROTHY DEFEVER	409 CENTRAL AVENUE	UST	Higher	1097, 0.208, North
145	J & J WELDING	365 SANTA CLARA STRE	UST	Higher	1108, 0.210, ENE
R146	GRIMES RANCH	722 RIVER ST	LUST, HIST CORTESE	Lower	1287, 0.244, SW
R147	GRIMES RANCH	722 RIVER ST	LUST	Lower	1287, 0.244, SW
R148	BANK OF AMERICA (GRI	722 RIVER ST	UST	Lower	1287, 0.244, SW
S149	FILLMORE UNIF. SCHOO	627 SESPE AVENUE	UST	Higher	1314, 0.249, NW
S150	FILLMORE UNIFIED SCH	627 SESPE AVE	HIST UST, VENTURA CO. BWT	Higher	1314, 0.249, NW
151	TEXACO - SHIELLS CAN	SHIELLS CANYON RD	SLIC	Higher	1523, 0.288, NNW
T152	AMERICAN MEDICAL RES	743 SESPE PL	LUST, VENTURA CO. BWT, HIST CORTESE, MED WASTE...	Lower	1804, 0.342, WNW
T153	FILLMORE-PIRU CITRUS	743 SESPE PL	LUST	Lower	1804, 0.342, WNW
U154	CITY OF FILLMORE	MOUNTAIN VIEW AND MA	SLIC	Higher	1883, 0.357, ENE
U155	TOP HAT PARKING LOT	297 MAIN ST	LUST	Higher	1889, 0.358, ENE

MAPPED SITES SUMMARY

Target Property Address:

215 AND 221 PALM STREET AND 534 SANTA CLARA STREET
 FILLMORE, CA 93015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
U156	BRITZMAN TRUCKING/ D	SANTA MARIA STREET,	LUST	Higher	1906, 0.361, ENE
157	MOUNTAIN VISTA ELEME	LEVEE DRIVE/4TH STRE	ENVIROSTOR, SCH	Lower	2488, 0.471, ESE
158	FILLMORE UNIFIED SCH	301 001ST	HIST CORTESE	Higher	2607, 0.494, NE
V159	PACIFIC COAST PIPE L	67 EAST TELEGRAPH RO	ENVIROSTOR, HIST Cal-Sites, DEED, Cortese, NPDES	Higher	3776, 0.715, East
V160	TEXACO - FILLMORE (P	67 EAST TELEGRAPH RO	CA BOND EXP. PLAN	Higher	3776, 0.715, East
161	LEE PHARMACEUTICALS	815 W 5TH ST	SEMS, RCRA-SQG, ENVIROSTOR, UST, FINDS, ECHO	Lower	4807, 0.910, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
FILLMORE RENTALS 215 PALM ST FILLMORE, CA 93015	VENTURA CO. BWT Facility Id: HM 3200 HAZNET GEPaid: CAL000253601	N/A
AUTO SERVICE CENTER 215 PALM ST FILLMORE, CA 93015	EDR Hist Auto	N/A

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

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
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

EXECUTIVE SUMMARY

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
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
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites

EXECUTIVE SUMMARY

US CDL..... National Clandestine Laboratory Register

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
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
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
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
UXO..... Unexploded Ordnance Sites
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
ECHO..... Enforcement & Compliance History Information
FUELS PROGRAM..... EPA Fuels Program Registered Listing
Cortese..... "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings..... CUPA Resources List
EMI..... Emissions Inventory Data

EXECUTIVE SUMMARY

ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MED WASTE VENTURA.....	Medical Waste Program List
MINES.....	Mines Site Location Listing
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
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List

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 NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 05/30/2017 has revealed that there is 1 NPL

EXECUTIVE SUMMARY

site 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>
<i>PACIFIC COAST PIPE L</i>	<i>67 E TELEGRAPH RD</i>	<i>ENE 1/2 - 1 (0.520 mi.)</i>	<i>0</i>	<i>8</i>

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 09/13/2017 has revealed that there is 1 RCRA-LQG 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>
CHEVRON 97983	704 W VENTURA ST.	WSW 1/8 - 1/4 (0.195 mi.)	P126	163

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 09/13/2017 has revealed that there are 6 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>
<i>WILLIAM L MORRIS CHE</i>	<i>508 SANTA CLARA AVE</i>	<i>NE 0 - 1/8 (0.057 mi.)</i>	<i>B42</i>	<i>59</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PARKER AUTO PARTS</i>	<i>515 VENTURA ST</i>	<i>ESE 0 - 1/8 (0.028 mi.)</i>	<i>A23</i>	<i>42</i>
<i>CHRIS DETAIL SHOP</i>	<i>502 VENTURA ST</i>	<i>SE 0 - 1/8 (0.051 mi.)</i>	<i>C32</i>	<i>52</i>
<i>TESORO WEST COAST CO</i>	<i>660 VENTURA ST</i>	<i>WSW 1/8 - 1/4 (0.153 mi.)</i>	<i>I86</i>	<i>98</i>
<i>AT&T CALIFORNIA - KD</i>	<i>233 A ST</i>	<i>W 1/8 - 1/4 (0.177 mi.)</i>	<i>K111</i>	<i>141</i>
<i>ROBERT LEWIS BROWN I</i>	<i>704 VENTURA ST</i>	<i>WSW 1/8 - 1/4 (0.195 mi.)</i>	<i>P131</i>	<i>168</i>

RCRA-CESQG: 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/13/2017 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RITE AID #5777	600 W VENTURA ST	S 0 - 1/8 (0.109 mi.)	72	81

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 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 07/31/2017 has revealed that there are 3 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>
PACIFIC COAST PIPE L Facility Id: 56130038 Status: Active	67 EAST TELEGRAPH RO	E 1/2 - 1 (0.715 mi.)	V159	218

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOUNTAIN VISTA ELEME Facility Id: 56010008 Status: No Further Action	LEVEE DRIVE/4TH STRE	ESE 1/4 - 1/2 (0.471 mi.)	157	215
LEE PHARMACEUTICALS Facility Id: 56280093 Status: Refer: Other Agency	815 W 5TH ST	NNW 1/2 - 1 (0.910 mi.)	161	240

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 32 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>
PHILLIPS INC. Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008 Database: LUST, Date of Government Version: 06/12/2017 Status: Completed - Case Closed	534 SANTA CLARA ST	0 - 1/8 (0.000 mi.)	A3	25

EXECUTIVE SUMMARY

Facility Id: C-88095
 Status: Leak being confirmed
 Status: Case Closed
 Facility Id: 04023
 Facility Id: 88095
 Status: Case Closed
 Global Id: T0611149170
 Global Id: T0611100338
 Global ID: T0611149170
 Global ID: T0611100338

TEXACO	405 CENTRAL	N 1/8 - 1/4 (0.201 mi.)	Q139	190
Database: LUST, Date of Government Version: 06/12/2017				
Status: Completed - Case Closed				
Global Id: T0611100143				
TEXACO SS - CENTRAL	405 CENTRAL AVE	N 1/8 - 1/4 (0.201 mi.)	Q141	201
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Facility Id: C-86046				
Status: Leak being confirmed				
Global ID: T0611100143				
TEXACO SS - CENTRAL	405 CENTRAL AVE	N 1/8 - 1/4 (0.201 mi.)	Q142	202
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008				
Facility Id: 86046				
Status: Remedial action (cleanup) Underway				
HAROLD BALDEN	NW X CENTRAL/HWY 126	NW 1/8 - 1/4 (0.208 mi.)	O143	202
Database: LUST, Date of Government Version: 06/12/2017				
Status: Completed - Case Closed				
Global Id: T0611100623				
TOP HAT PARKING LOT	297 MAIN ST	ENE 1/4 - 1/2 (0.358 mi.)	U155	212
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008				
Database: LUST, Date of Government Version: 06/12/2017				
Status: Completed - Case Closed				
Facility Id: 04040				
Status: Case Closed				
Global Id: T0611138604				
BRITZMAN TRUCKING/ D	SANTA MARIA STREET,	ENE 1/4 - 1/2 (0.361 mi.)	U156	214
Database: LUST, Date of Government Version: 06/12/2017				
Status: Open - Site Assessment				
Global Id: T10000000964				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CROWN DODGE	502 VENTURA ST	SE 0 - 1/8 (0.051 mi.)	C27	48
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008				
Facility Id: C-92014				
Status: Case Closed				
Facility Id: 92014				
Status: Case Closed				
Global ID: T0611100805				
CROWN DODGE	502 VENTURA	SE 0 - 1/8 (0.051 mi.)	C28	49
Database: LUST, Date of Government Version: 06/12/2017				
Status: Completed - Case Closed				

EXECUTIVE SUMMARY

Global Id: T0611100805

HAROLD BALDEN **NW X CENTRAL/HWY 126** **ESE 0 - 1/8 (0.074 mi.)** **C55** **72**

Database: LUST REG 4, Date of Government Version: 09/07/2004
 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
 Facility Id: C-90039
 Status: Case Closed
 Facility Id: 90039
 Status: Case Closed
 Global ID: T0611100623

MILTON RANCHES **460 VENTURA ST** **ESE 0 - 1/8 (0.096 mi.)** **C66** **77**

Database: LUST REG 4, Date of Government Version: 09/07/2004
 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
 Database: LUST, Date of Government Version: 06/12/2017
 Status: Completed - Case Closed
 Facility Id: C-89006
 Status: Case Closed
 Facility Id: 89006
 Status: Case Closed
 Global Id: T0611100429
 Global ID: T0611100429

USA PETROLEUM SS #83 **660 VENTURA ST** **WSW 1/8 - 1/4 (0.153 mi.)** **I84** **95**

Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
 Facility Id: 00020
 Status: Remedial action (cleanup) Underway

UNOCAL #3290 **660 VENTURA ST** **WSW 1/8 - 1/4 (0.153 mi.)** **I85** **96**

Database: LUST REG 4, Date of Government Version: 09/07/2004
 Facility Id: C-89160
 Status: Case Closed
 Global ID: T0611100559

UNOCAL #3290 **660 VENTURA ST** **WSW 1/8 - 1/4 (0.153 mi.)** **I87** **100**

Database: LUST, Date of Government Version: 06/12/2017
 Status: Completed - Case Closed
 Global Id: T0611100559
 Global Id: T0603792896

USA PETROLEUM #838 **660 VENTURA ST** **WSW 1/8 - 1/4 (0.153 mi.)** **I88** **109**

Database: LUST REG 4, Date of Government Version: 09/07/2004
 Facility Id: C-00020
 Status: Leak being confirmed
 Global ID: T0603792896

UNOCAL #3290 **660 VENTURA ST** **WSW 1/8 - 1/4 (0.153 mi.)** **I89** **110**

Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
 Facility Id: 89160
 Status: Case Closed

AT&T CALIFORNIA - KD **233 A ST** **W 1/8 - 1/4 (0.177 mi.)** **K111** **141**

Database: LUST REG 4, Date of Government Version: 09/07/2004
 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
 Database: LUST, Date of Government Version: 06/12/2017
 Status: Completed - Case Closed
 Facility Id: C-96030
 Status: Case Closed
 Facility Id: 96030
 Status: Case Closed

EXECUTIVE SUMMARY

Global Id: T0611101099				
Global ID: T0611101099				
CHASE BROTHERS DAIRY	707 VENTURA ST	WSW 1/8 - 1/4 (0.191 mi.)	P120	152
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008				
Facility Id: C-86007				
Status: Remediation Plan				
Facility Id: 86007				
Status: Case Closed				
Global ID: T0611100126				
CHASE BROTHERS DAIRY	707 VENTURA ST	WSW 1/8 - 1/4 (0.191 mi.)	P121	153
Database: LUST, Date of Government Version: 06/12/2017				
Status: Completed - Case Closed				
Global ID: T0611100126				
CHEVRON #9-7983	704 VENTURA ST	WSW 1/8 - 1/4 (0.195 mi.)	P128	166
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008				
Facility Id: 96026				
Status: Post remedial action monitoring				
CHEVRON #9-7983	704 VENTURA ST	WSW 1/8 - 1/4 (0.195 mi.)	P129	166
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008				
Facility Id: C-88153				
Facility Id: C96026				
Status: Case Closed				
Status: Pollution Characterization				
Facility Id: 88153				
Status: Case Closed				
Global ID: T0611100384				
Global ID: T0611101095				
CHEVRON SS #7983	704 VENTURA	WSW 1/8 - 1/4 (0.195 mi.)	P133	172
Database: LUST, Date of Government Version: 06/12/2017				
Status: Completed - Case Closed				
Global Id: T0611101095				
Global Id: T0611100384				
GRIMES RANCH	722 RIVER ST	SW 1/8 - 1/4 (0.244 mi.)	R146	204
Database: LUST, Date of Government Version: 06/12/2017				
Status: Completed - Case Closed				
Global Id: T0611100835				
GRIMES RANCH	722 RIVER ST	SW 1/8 - 1/4 (0.244 mi.)	R147	205
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008				
Facility Id: C-93003				
Status: Case Closed				
Facility Id: 93003				
Status: Case Closed				
Global ID: T0611100835				
AMERICAN MEDICAL RES	743 SESPE PL	WNW 1/4 - 1/2 (0.342 mi.)	T152	209
Database: LUST, Date of Government Version: 06/12/2017				
Status: Completed - Case Closed				
Global Id: T0611100275				
FILLMORE-PIRU CITRUS	743 SESPE PL	WNW 1/4 - 1/2 (0.342 mi.)	T153	210
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008				

EXECUTIVE SUMMARY

Facility Id: C-88020
 Status: Case Closed
 Facility Id: 88020
 Status: Case Closed
 Global ID: T0611100275

SLIC: 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.

A review of the SLIC list, as provided by EDR, has revealed that there are 2 SLIC 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>
TEXACO - SHIELLS CAN Database: SLIC, Date of Government Version: 06/12/2017 Facility Status: Completed - Case Closed Global Id: SLT43248246	SHIELLS CANYON RD	NNW 1/4 - 1/2 (0.288 mi.)	151	208
CITY OF FILLMORE Database: SLIC, Date of Government Version: 06/12/2017 Facility Status: Open - Inactive Global Id: T10000000963	MOUNTAIN VIEW AND MA	ENE 1/4 - 1/2 (0.357 mi.)	U154	212

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 37 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>
HATTON'S PONTIAC/BUI Database: VENTURA CO. UST, Date of Government Version: 08/28/2017 Facility Id: D 1103 Facility Status: inactive	534 SANTA CLARA STRE	0 - 1/8 (0.000 mi.)	A12	35
CAMPBELL'S AUTO REPA Database: VENTURA CO. UST, Date of Government Version: 08/28/2017 Facility Id: D 552 Facility Status: inactive	562 SANTA CLARA STRE	NW 0 - 1/8 (0.021 mi.)	A20	39
ROLLIN W. RICHTER Database: VENTURA CO. UST, Date of Government Version: 08/28/2017 Facility Id: D 546 Facility Status: inactive	603 SANTA CLARA STRE	NW 0 - 1/8 (0.055 mi.)	D34	56
WM L MORRIS CHEVROLE Database: VENTURA CO. UST, Date of Government Version: 08/28/2017	505 SANTA CLARA ST	NE 0 - 1/8 (0.059 mi.)	B48	70

EXECUTIVE SUMMARY

Facility Id: D 1545				
Facility Id: D 1509				
Facility Status: inactive				
CITY OF FILLMORE	519 MAIN STREET	NNE 0 - 1/8 (0.078 mi.)	F56	74
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 332				
Facility Status: inactive				
CITY OF SANTA PAULA	530 MAIN STREET	NNE 0 - 1/8 (0.090 mi.)	F61	76
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 333				
Facility Status: inactive				
FRANK CLEANERS	518 MAIN STREET	NNE 0 - 1/8 (0.094 mi.)	F62	76
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 331				
Facility Status: inactive				
CHARLOTTE CORRAL	461 VENTURA ST.	E 0 - 1/8 (0.095 mi.)	G64	77
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 716				
Facility Status: inactive				
HOYLE PRODUCTS	302 ORANGE GROVE AVE	WNW 0 - 1/8 (0.103 mi.)	D70	81
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 1069				
Facility Status: inactive				
VALLEY FORD TRACTOR	449 VENTURA ST.	E 0 - 1/8 (0.112 mi.)	G74	88
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 1137				
Facility Status: inactive				
SATICOY LEMON ASSOC.	348 A STREET	NW 1/8 - 1/4 (0.157 mi.)	L98	121
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 2				
Facility Status: inactive				
SAIFS FOOD MART	423 W VENTURA ST	E 1/8 - 1/4 (0.164 mi.)	N105	140
Database: UST, Date of Government Version: 06/12/2017				
Facility Id: 056-000-003743				
SAIFS FOOD MART	423 VENTURA ST	E 1/8 - 1/4 (0.164 mi.)	N106	140
Database: UST, Date of Government Version: 06/12/2017				
CITY OF FILLMORE	524 SESPE AVENUE	N 1/8 - 1/4 (0.173 mi.)	M107	140
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 1377				
Facility Status: inactive				
HOWARD BROTHERS	422 VENTURA ST.	E 1/8 - 1/4 (0.181 mi.)	N112	147
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 713				
Facility Status: inactive				
HUTCHINS-RANDALL, ED	404 CENTRAL AVENUE	NNE 1/8 - 1/4 (0.196 mi.)	Q134	184
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 1120				
Facility Status: inactive				
DEWEY L. THOMPSON	401 VENTURA ST.	E 1/8 - 1/4 (0.197 mi.)	N136	187
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				

EXECUTIVE SUMMARY

Facility Id: D 711 Facility Status: inactive				
SCOLES, JOHN (TEXACO)	405 CENTRAL AVENUE	N 1/8 - 1/4 (0.201 mi.)	Q140	201
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 1112 Facility Status: inactive				
DOROTHY DEFEVER	409 CENTRAL AVENUE	N 1/8 - 1/4 (0.208 mi.)	Q144	203
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 75 Facility Status: inactive				
J & J WELDING	365 SANTA CLARA STRE	ENE 1/8 - 1/4 (0.210 mi.)	145	204
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 551 Facility Status: inactive				
FILLMORE UNIF. SCHOO	627 SESPE AVENUE	NW 1/8 - 1/4 (0.249 mi.)	S149	207
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 584 Facility Status: inactive				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HAROLD BALDEN	CENTRAL & HWY 126	SE 0 - 1/8 (0.011 mi.)	A17	38
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 157 Facility Status: inactive				
BULLARD'S AUTO PARTS	515 VENTURA ST.	ESE 0 - 1/8 (0.028 mi.)	A25	47
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 717 Facility Status: inactive				
BALDEN RANCH	502 VENTURA BLVD.	SE 0 - 1/8 (0.051 mi.)	C30	51
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 693 Facility Status: inactive				
SUNDANCE ENTERPRISES	460 VENTURA ST.	ESE 0 - 1/8 (0.096 mi.)	C65	77
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 715 Facility Status: inactive				
DINO'S A & W DRIVE-I	650 VENTURA ST.	WSW 1/8 - 1/4 (0.131 mi.)	I81	93
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 719 Facility Id: D 953 Facility Status: inactive				
TESORO-USA #68135	660 VENTURA ST.	WSW 1/8 - 1/4 (0.153 mi.)	I90	110
Database: UST, Date of Government Version: 06/12/2017				
Facility Id: 886				
THOMAS P. EATON	665 VENTURA ST.	WSW 1/8 - 1/4 (0.156 mi.)	I92	113
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 720 Facility Status: inactive				
PETE CARRILLO	663 SANTA CLARA STRE	W 1/8 - 1/4 (0.156 mi.)	K93	113
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				

EXECUTIVE SUMMARY

Facility Id: D 554				
Facility Status: inactive				
PACIFIC BELL DBA AT	233 A ST	W 1/8 - 1/4 (0.177 mi.)	K108	140
Database: UST, Date of Government Version: 06/12/2017				
Facility Id: 056-000-001088				
PACIFIC BELL - (KD10	233 A ST	W 1/8 - 1/4 (0.177 mi.)	K110	141
Database: UST, Date of Government Version: 06/12/2017				
Facility Id: FA0005033				
ORTIZ BROTHERS	310 A STREET	WNW 1/8 - 1/4 (0.187 mi.)	O116	149
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 1066				
Facility Status: inactive				
CHASE BROS. DAIRY	707 VENTURA ST.	WSW 1/8 - 1/4 (0.191 mi.)	P119	152
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 721				
Facility Status: inactive				
FILLMORE CHEVRON	704 W VENTURA ST	WSW 1/8 - 1/4 (0.195 mi.)	P124	162
Database: UST, Date of Government Version: 06/12/2017				
Facility Id: FA0005207				
CHEVRON STATION #979	704 W VENTURA ST	WSW 1/8 - 1/4 (0.195 mi.)	P127	165
Database: UST, Date of Government Version: 06/12/2017				
CHEVRON #97983	704 VENTURA ST	WSW 1/8 - 1/4 (0.195 mi.)	P130	168
Database: UST, Date of Government Version: 06/12/2017				
Facility Id: 056-000-001595				
BANK OF AMERICA (GRI	722 RIVER ST	SW 1/8 - 1/4 (0.244 mi.)	R148	206
Database: VENTURA CO. UST, Date of Government Version: 08/28/2017				
Facility Id: D 1047				
Facility Status: inactive				

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there are 3 AST 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>
AT&T CALIFORNIA - KD	233 A ST	W 1/8 - 1/4 (0.177 mi.)	K111	141
VERIZON WIRELESS - F	310 A ST	WNW 1/8 - 1/4 (0.187 mi.)	O115	149
JIFFY LUBE # 3265	707 VENTURA ST	WSW 1/8 - 1/4 (0.195 mi.)	P123	161

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 06/19/2017 has revealed that there

EXECUTIVE SUMMARY

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>
SATICOY LEMON PACKIN	616 SESPE AVENUE AND	NW 1/8 - 1/4 (0.157 mi.)	L97	116

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 09/11/2017 has revealed that there is 1 SWRCY 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>
CAL RECYCLING Cert Id: RC192909.001	636 W VENTURA ST	SSW 1/8 - 1/4 (0.146 mi.)	J82	93

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site 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>
PACIFIC COAST PIPE L	67 EAST TELEGRAPH RO	E 1/2 - 1 (0.715 mi.)	V159	218

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 11 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>
HATTON'S PONTIAC BUI Status: A Tank Status: A Comp Number: 1280	534 SANTA CLARA AVE	0 - 1/8 (0.000 mi.)	A11	34
WILLIAM L. MORRIS CH Status: A Tank Status: A	504 SANTA CLARA AVE	NE 0 - 1/8 (0.057 mi.)	B40	58

EXECUTIVE SUMMARY

Comp Number: 1279				
CITY OF FILLMORE PUB	519 MAIN ST	NNE 0 - 1/8 (0.078 mi.)	F57	74
Status: A Tank Status: A Comp Number: 2177				
VALLEY FORD TRACTOR	449 VENTURA ST.	E 0 - 1/8 (0.112 mi.)	G74	88
Status: A Tank Status: A Comp Number: 183				
FILLMORE ARCO AM/PM	423 VENTURA ST	E 1/8 - 1/4 (0.164 mi.)	N104	137
Status: A Tank Status: A Comp Number: 4924				
TEXACO/CORY BURCH AU	405 CENTRAL AVE	N 1/8 - 1/4 (0.201 mi.)	Q138	188
Status: A Tank Status: A Comp Number: 840				
Lower Elevation	Address	Direction / Distance	Map ID	Page
BALDEN RANCH CO INC	502 VENTURA ST	SE 0 - 1/8 (0.051 mi.)	C31	51
Status: A Tank Status: A Comp Number: 4875				
UNOCAL #3290	660 VENTURA ST	WSW 1/8 - 1/4 (0.153 mi.)	I85	96
Status: A Tank Status: A Comp Number: 1277				
AT&T CALIFORNIA - KD	233 A ST	W 1/8 - 1/4 (0.177 mi.)	K111	141
Status: A Tank Status: A Comp Number: 1650				
CHASE BROS. DAIRY #1	707 VENTURA ST	WSW 1/8 - 1/4 (0.191 mi.)	P122	160
Status: A Tank Status: A Comp Number: 1390				
CHEVRON #97983	704 VENTURA ST	WSW 1/8 - 1/4 (0.195 mi.)	P132	170
Status: A Tank Status: A Comp Number: 953				

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 31 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMPBELL'S AUTO REPA	562 SANTA CLARA STRE	NW 0 - 1/8 (0.021 mi.)	A20	39
Facility Id: 00000007118 Facility Id: 00000014969				
R ELECTRIC	603 SANTA CLARA ST	NW 0 - 1/8 (0.055 mi.)	D35	56

EXECUTIVE SUMMARY

Facility Id: 00000033149				
WM L MORRIS-FILLMORE Facility Id: 00000005675	508 SANTA CLARA ST	NE 0 - 1/8 (0.057 mi.)	B43	66
VALLEY FORD TRACTOR	449 VENTURA ST	E 0 - 1/8 (0.112 mi.)	G73	86
VALLEY FORD TRACTOR Facility Id: 00000019464	449 VENTURA ST.	E 0 - 1/8 (0.112 mi.)	G74	88
SATICOY LEMON ASSOCI	348 A STREET	NW 1/8 - 1/4 (0.157 mi.)	L99	126
SATICOY LEMON ASSOCI Facility Id: 00000006095	348 A ST	NW 1/8 - 1/4 (0.157 mi.)	L100	127
GIANT TRUCK STOP Facility Id: 00000024305	540 SESPE AVENUE	N 1/8 - 1/4 (0.162 mi.)	M101	129
DELAROSA EXXON Facility Id: 00000051873	423 W VENTURA ST	E 1/8 - 1/4 (0.164 mi.)	N102	130
FILLMORE ARCO AM/PM	423 VENTURA ST	E 1/8 - 1/4 (0.164 mi.)	N104	137
HOWARD BROS RANCH Facility Id: 00000031946	422 VENTURA ST	E 1/8 - 1/4 (0.181 mi.)	N113	147
FAIRFIELD VOLUNTEER Facility Id: 00000049905	533 SESPE AVENUE	N 1/8 - 1/4 (0.187 mi.)	M114	148
FILLMORE AUTO ELECTR	401 VENTURA ST	E 1/8 - 1/4 (0.197 mi.)	N135	185
DEWEY L. THOMPSON Facility Id: 00000013865	401 VENTURA ST.	E 1/8 - 1/4 (0.197 mi.)	N136	187
CITY OF FILLMORE-EQU Facility Id: 00000037161	419 MAIN ST (REAR OF	NE 1/8 - 1/4 (0.199 mi.)	137	188
FILLMORE UNIFIED SCH Facility Id: 00000030532	627 SESPE AVE	NW 1/8 - 1/4 (0.249 mi.)	S150	207
Lower Elevation	Address	Direction / Distance	Map ID	Page
BALDEN RANCH CO INC Facility Id: 00000023966	5W CORNER CENTRAL AN	SE 0 - 1/8 (0.011 mi.)	A16	38
BULLARDS AUTO PARTS	515 VENTURA ST	ESE 0 - 1/8 (0.028 mi.)	A24	44
BULLARD'S AUTO PARTS Facility Id: 00000017781	515 VENTURA ST.	ESE 0 - 1/8 (0.028 mi.)	A25	47
DINOS AANDW DRIVE-IN Facility Id: 00000027674	650 VENTURA ST	SW 0 - 1/8 (0.125 mi.)	I79	92
SUNDANCE ENTERPRISES Facility Id: 00000065065	446 VENTURA ST	ESE 1/8 - 1/4 (0.127 mi.)	80	92
TESORO WEST COAST CO	660 VENTURA ST	WSW 1/8 - 1/4 (0.153 mi.)	I91	111
GASOLINE STATION Facility Id: 00000001045	663 SANTA CLARA ST	W 1/8 - 1/4 (0.156 mi.)	K94	114
UNION OIL SERVICE ST Facility Id: 00000058873	660 W VENTURA ST	WSW 1/8 - 1/4 (0.156 mi.)	I95	114
SERVICE STATION 3290 Facility Id: 00000019157	660 W VENTURA ST	WSW 1/8 - 1/4 (0.156 mi.)	I96	115
PACIFIC BELL (KD-100 AT&T CALIFORNIA - KD Facility Id: 00000057485	233 A STREET 233 A ST	W 1/8 - 1/4 (0.177 mi.) W 1/8 - 1/4 (0.177 mi.)	K109 K111	141 141
CHASE BROS.	707 W VENTURA ST	WSW 1/8 - 1/4 (0.189 mi.)	P117	150

EXECUTIVE SUMMARY

Facility Id: 00000038436

CHASE BROS 97983	707 VENTURA STREET 704 W VENTURA ST	WSW 1/8 - 1/4 (0.191 mi.) P118 WSW 1/8 - 1/4 (0.195 mi.) P125	150 162
Facility Id: 00000063056			
CHEVRON #97983	704 VENTURA ST	WSW 1/8 - 1/4 (0.195 mi.) P132	170

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 7 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>
HATTON'S PONTIAC BUI Facility Id: 56000410 Status: A	534 SANTA CLARA AVE	0 - 1/8 (0.000 mi.)	A11	34
CITY OF FILLMORE PUB Facility Id: 56000840 Status: A	519 MAIN ST	NNE 0 - 1/8 (0.078 mi.)	F57	74
FILLMORE ARCO AM/PM Facility Id: 56000326 Status: A	423 VENTURA ST	E 1/8 - 1/4 (0.164 mi.)	N104	137
TEXACO/CORY BURCH AU Facility Id: 56000084 Status: A	405 CENTRAL AVE	N 1/8 - 1/4 (0.201 mi.)	Q138	188

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BALDEN RANCH CO INC Facility Id: 56000699 Status: A	502 VENTURA ST	SE 0 - 1/8 (0.051 mi.)	C31	51
CHASE BROS. DAIRY #1 Facility Id: 56000217 Status: A	707 VENTURA ST	WSW 1/8 - 1/4 (0.191 mi.)	P122	160
CHEVRON #97983 Facility Id: 56002852 Status: A	704 VENTURA ST	WSW 1/8 - 1/4 (0.195 mi.)	P132	170

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 09/13/2017 has revealed that

EXECUTIVE SUMMARY

there is 1 RCRA NonGen / NLR 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>
VONS STORE NO 2442	636 VENTURA ST	SSW 1/8 - 1/4 (0.147 mi.)	J83	94

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site 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>
<i>PACIFIC COAST PIPE L</i>	<i>67 E TELEGRAPH RD</i>	<i>ENE 1/2 - 1 (0.520 mi.)</i>	<i>0</i>	<i>8</i>

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 09/30/2016 has revealed that there is 1 CONSENT site 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>
<i>PACIFIC COAST PIPE L</i>	<i>67 E TELEGRAPH RD</i>	<i>ENE 1/2 - 1 (0.520 mi.)</i>	<i>0</i>	<i>8</i>

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/23/2017 has revealed that there are 3 FINDS sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PHILLIPS INC.	534 SANTA CLARA ST	0 - 1/8 (0.000 mi.)	A7	32
553 VENTURA COUNTY E	534 SANTA CLARA	0 - 1/8 (0.000 mi.)	A8	33
GRIMALDO ENTERPRISES	233 PALM STREET	0 - 1/8 (0.000 mi.)	A10	34

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site 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>
TEXACO - FILLMORE (P)	67 EAST TELEGRAPH RO	E 1/2 - 1 (0.715 mi.)	V160	239

EXECUTIVE SUMMARY

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, and dated 08/02/2017 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>
FILLMORE CLEANERS EPA Id: CAL000229843	614 VENTURE ST	SW 0 - 1/8 (0.056 mi.)	E37	57
FILLMORE CLEANERS EPA Id: CAL000228843	614 W VENTURA ST	SW 0 - 1/8 (0.072 mi.)	E53	71

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2015 has revealed that there are 2 HAZNET sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HAL PHILLIPS INC GEPAID: CAC000722552	534 SANTA CLARA STRE	0 - 1/8 (0.000 mi.)	A5	32
HAL PHILLIPS INC GEPAID: CAL000159071	534 SANTA CLARA STRE	0 - 1/8 (0.000 mi.)	A13	35

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 [CALSTITES]. 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 are 16 HIST 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>
PHILLIPS INC. Reg Id: C-89088	534 SANTA CLARA ST	0 - 1/8 (0.000 mi.)	A3	25
R.W. RICHTER Reg Id: C-89098	603 SANTA CLARA ST	NW 0 - 1/8 (0.055 mi.)	D33	53
WILLIAM L MORRIS CHE Reg Id: C-87092	508 SANTA CLARA AVE	NE 0 - 1/8 (0.057 mi.)	B42	59
VALLEY FORD TRACTOR Reg Id: C-94039	449 VENTURA ST	E 0 - 1/8 (0.112 mi.)	G73	86
SAIF'S FOOD MART Reg Id: C-88095	423 VENTURA ST	E 1/8 - 1/4 (0.164 mi.)	N103	131
TEXACO	405 CENTRAL	N 1/8 - 1/4 (0.201 mi.)	Q139	190

EXECUTIVE SUMMARY

Reg Id: C-86046
 FILLMORE UNIFIED SCH 301 001ST NE 1/4 - 1/2 (0.494 mi.) 158 218
 Reg Id: C-88034

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CROWN DODGE Reg Id: C-92014	502 VENTURA	SE 0 - 1/8 (0.051 mi.)	C28	49
HAROLD BALDEN Reg Id: C-90039	NW X CENTRAL/HWY 126	ESE 0 - 1/8 (0.074 mi.)	C55	72
MILTON RANCHES Reg Id: C-89006	460 VENTURA ST	ESE 0 - 1/8 (0.096 mi.)	C66	77
UNOCAL #3290 Reg Id: C-89160	660 VENTURA ST	WSW 1/8 - 1/4 (0.153 mi.)	I87	100
AT&T CALIFORNIA - KD Reg Id: C-96030	233 A ST	W 1/8 - 1/4 (0.177 mi.)	K111	141
CHASE BROTHERS DAIRY Reg Id: C-86007	707 VENTURA ST	WSW 1/8 - 1/4 (0.191 mi.)	P121	153
CHEVRON SS #7983 Reg Id: C-96026 Reg Id: C-88153	704 VENTURA	WSW 1/8 - 1/4 (0.195 mi.)	P133	172
GRIMES RANCH Reg Id: C-93003	722 RIVER ST	SW 1/8 - 1/4 (0.244 mi.)	R146	204
AMERICAN MEDICAL RES Reg Id: C-88020	743 SESPE PL	WNW 1/4 - 1/2 (0.342 mi.)	T152	209

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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 29 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>
RICH J A	538 SANTA CLARA ST	0 - 1/8 (0.000 mi.)	A6	32
PHILLIPS HAL PONTIAC	534 SANTA CLARA	0 - 1/8 (0.000 mi.)	A9	33
CAMPBELLS AUTO REPAI	562 SANTA CLARA ST	NW 0 - 1/8 (0.021 mi.)	A18	38
GAZZAWAY W E	552 SANTA CLARA ST	NW 0 - 1/8 (0.021 mi.)	A19	39
BURKE S AUTO SERVICE	560 SANTA CLARA ST	NW 0 - 1/8 (0.021 mi.)	A21	41

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PEYT S GARAGE	510 SANTA CLARA ST	NE 0 - 1/8 (0.038 mi.)	B26	47
ARMSTRONG & RUDKIN	501 SANTA CLARA ST	NE 0 - 1/8 (0.056 mi.)	B36	57
MORRIS WILLIAM	504 SANTA CLARA ST	NE 0 - 1/8 (0.057 mi.)	B38	58
OPSAHL JOHN COMPANY	506 SANTA CLARA ST	NE 0 - 1/8 (0.057 mi.)	B39	58
FISCHER R F	502 SANTA CLARA ST	NE 0 - 1/8 (0.057 mi.)	B41	59
Not reported	508 SANTA CLARA ST	NE 0 - 1/8 (0.057 mi.)	B44	67
OPSAHL JOHN COMPANY	503 SANTA CLARA ST	NE 0 - 1/8 (0.057 mi.)	B45	67
OPSAHL JOHN COMPANY	505 SANTA CLARA ST	NE 0 - 1/8 (0.059 mi.)	B46	67
OPSAHL JOHN COMPANY	507 SANTA CLARA ST	NE 0 - 1/8 (0.061 mi.)	B49	70
MORRIS WM L	215 CENTRAL AVE	E 0 - 1/8 (0.065 mi.)	C51	71
CASE L W	245 CENTRAL AVE	ENE 0 - 1/8 (0.065 mi.)	B52	71
BARLOW DONALD E	218 CENTRAL AVE	E 0 - 1/8 (0.083 mi.)	G58	75
Not reported	236 CENTRAL AVE	ENE 0 - 1/8 (0.083 mi.)	B59	75
IRWIN E P	224 CENTRAL AVE	E 0 - 1/8 (0.086 mi.)	G60	75
SADIE S TEXACO SERVI	461 VENTURA ST	E 0 - 1/8 (0.095 mi.)	G63	76
SHERWOOD H E	505 MAIN ST	NNE 0 - 1/8 (0.098 mi.)	F68	81
MOBILE RIG WORX	302 ORANGE GROVE AVE	WNW 0 - 1/8 (0.103 mi.)	D69	81
CAMPBELL PUBLIC AFFA	459 MAIN ST	NNE 0 - 1/8 (0.117 mi.)	H75	90
FILLMORE SHELL SERVI	441 VENTURA ST	E 0 - 1/8 (0.124 mi.)	G78	91

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JONES BROS	543 VENTURA ST	SSE 0 - 1/8 (0.005 mi.)	A15	37
ESTRADAS AUTOMOTIVE	515 W VENTURA ST B	ESE 0 - 1/8 (0.028 mi.)	A22	41
CHRISS DETAIL SHOP	502 W VENTURA ST 316	SE 0 - 1/8 (0.051 mi.)	C29	50
ROGERS & MILUMN	505 VENTURA ST	ESE 0 - 1/8 (0.062 mi.)	C50	71
DAVISON JAMES F & MI	460 VENTURA ST	ESE 0 - 1/8 (0.096 mi.)	C67	80

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 4 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>
SNOW WHITE LAUNDRY	323 CENTRAL AVE	NNE 0 - 1/8 (0.107 mi.)	F71	81
KLOTZ B C	331 CENTRAL	NNE 0 - 1/8 (0.120 mi.)	F76	91
BIB-N-TUCKER CLEANER	324 CENTRAL AVE	NNE 0 - 1/8 (0.124 mi.)	H77	91
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FILLMORE CLEANERS	614 W VENTURA ST	SW 0 - 1/8 (0.072 mi.)	E54	72

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: 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.

A review of the RGA LUST list, as provided by EDR, has revealed that there are 2 RGA LUST sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PHILLIPS INC.	534 SANTA CLARA ST	0 - 1/8 (0.000 mi.)	A4	31
PHILLIPS INC.	534 SANTA CLARA STRE	0 - 1/8 (0.000 mi.)	A14	37

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

<u>Site Name</u>	<u>Database(s)</u>
ARMSTRONG PROPERTY (MARGARET)	LUST
SUMMIT GAS STATION	LUST, VENTURA CO. BWT
ARMSTRONG PROPERTY (MARGARET)	LUST
UNOCAL - FILLMORE PIPE LINE LEAK	SLIC
TEXACO - SHIELLS CANYON OIL FIELD	SLIC

OVERVIEW MAP - 05078721.2R



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

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

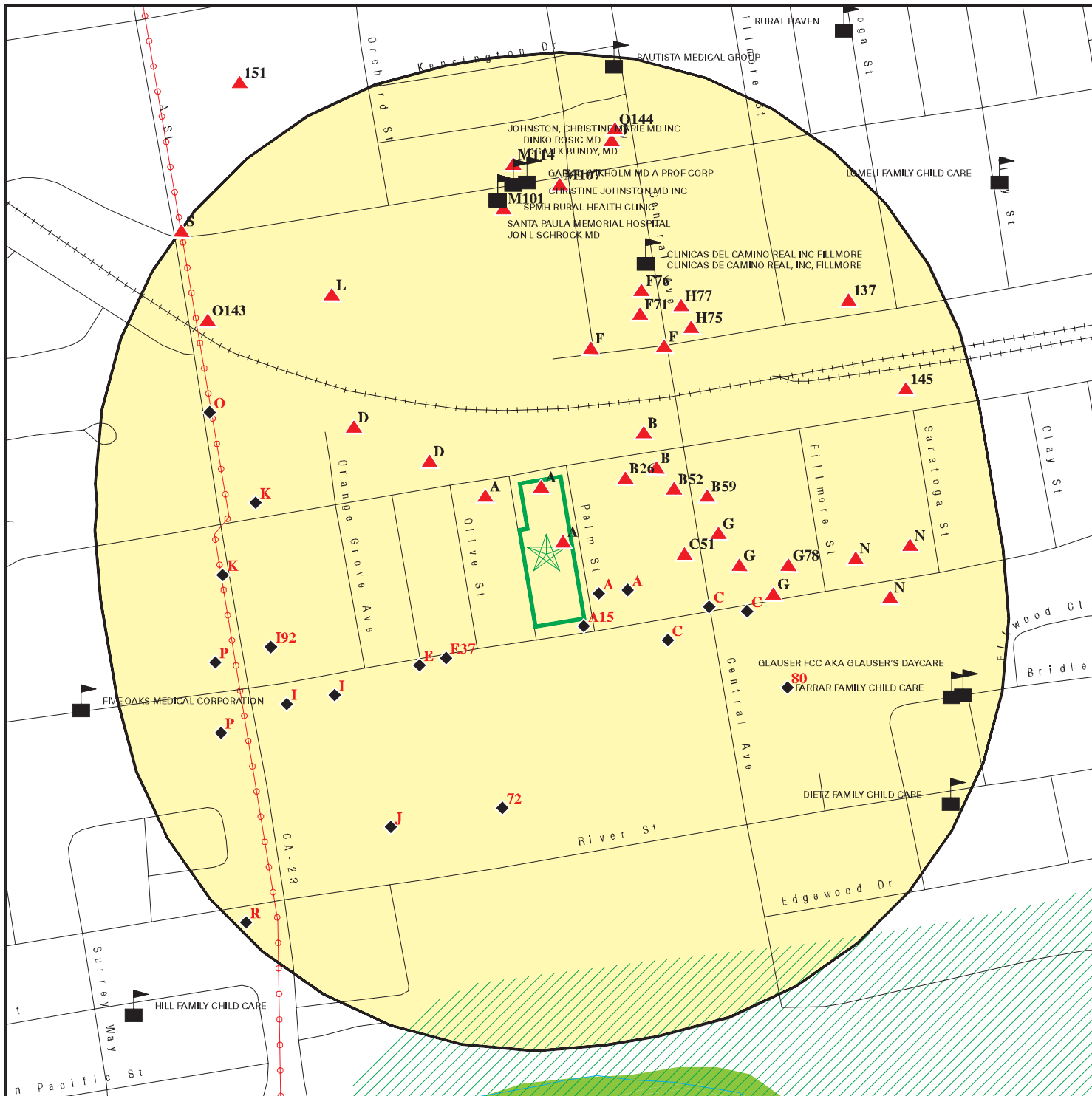
Areas of Concern

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: 215 and 221 Palm Street and 534 Santa Clara Street
 ADDRESS: 215 and 221 Palm Street and 534 Santa Clara Street
 Fillmore CA 93015
 LAT/LONG: 34.397364 / 118.914691

CLIENT: Rincon
 CONTACT: Sarah Larese
 INQUIRY #: 05078721.2r
 DATE: October 17, 2017 1:27 pm

DETAIL MAP - 05078721.2R



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

Power transmission lines

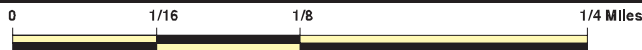
100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

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: 215 and 221 Palm Street and 534 Santa Clara Street
 ADDRESS: 215 and 221 Palm Street and 534 Santa Clara Street
 Fillmore CA 93015
 LAT/LONG: 34.397364 / 118.914691

CLIENT: Rincon
 CONTACT: Sarah Larese
 INQUIRY #: 05078721.2r
 DATE: October 17, 2017 1:38 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
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		3	3	NR	NR	NR	6
RCRA-CESQG	0.250		1	0	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	1	2	NR	3
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		10	18	4	NR	NR	32

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
SLIC	0.500		0	0	2	NR	NR	2
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		14	23	NR	NR	NR	37
AST	0.250		0	3	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	1	0	NR	NR	1
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	1	0	NR	NR	1
HAULERS	0.001		0	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
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	1	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		5	6	NR	NR	NR	11
HIST UST	0.250		9	22	NR	NR	NR	31
CA FID UST	0.250		3	4	NR	NR	NR	7
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	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
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
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	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	1	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	1	NR	1
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		3	NR	NR	NR	NR	3
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	1	NR	1
VENTURA CO. BWT	0.001	1	0	NR	NR	NR	NR	1
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		2	0	NR	NR	NR	2
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	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
HAZNET	0.001	1	2	NR	NR	NR	NR	3
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		7	7	2	NR	NR	16
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MED WASTE VENTURA	0.001		0	NR	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125	1	29	NR	NR	NR	NR	30
EDR Hist Cleaner	0.125		4	NR	NR	NR	NR	4

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		2	NR	NR	NR	NR	2
- Totals --		3	94	90	9	7	0	203

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property

FILLMORE RENTALS
215 PALM ST
FILLMORE, CA 93015

VENTURA CO. BWT
HAZNET

S113120007
N/A

Site 1 of 25 in cluster A

Actual:
457 ft.

VENTURA CO. BWT:

Facility ID: HM 3200
Program: Not reported

HAZNET:

envid: S113120007
Year: 2005
GEPID: CAL000253601
Contact: KATHY LE BARD
Telephone: 8055242357
Mailing Name: Not reported
Mailing Address: 215 PALM ST
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Not reported
Tons: 0.22
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

A2
Target
Property

AUTO SERVICE CENTER
215 PALM ST
FILLMORE, CA 93015

EDR Hist Auto

1022091141
N/A

Site 2 of 25 in cluster A

Actual:
457 ft.

EDR Hist Auto

Year: Name: Type:
1994 AUTO SERVICE CENTER General Automotive Repair Shops
1995 AUTO SERVICE CENTER General Automotive Repair Shops

NPL
Region
ENE
1/2-1
2745 ft.

PACIFIC COAST PIPE LINES
67 E TELEGRAPH RD
FILLMORE, CA 93015

NPL
SEMS
US ENG CONTROLS
US INST CONTROL
ROD
PRP
CONSENT

1000251902
CAD980636781

NPL:

EPA ID: CAD980636781
Cercis ID: 901841
EPA Region: 9
Federal: N
Final Date: 1989-10-04 00:00:00
Site Score: 46.009999999999998
Latitude: 34.404159999999997
Longitude: -118.9028

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Category Details:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 50 And <= 100 Feet
Category Value: 85

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site Details:

Site Name: PACIFIC COAST PIPE LINES
Site Status: Final
Site Zip: 93015
Site City: FILLMORE
Site State: CA
Federal Site: No
Site County: VENTURA
EPA Region: 09
Date Proposed: 06/24/88
Date Deleted: Not reported
Date Finalized: 10/04/89

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: C049
Substance: ETHYLBENZENE
CAS #: 100-41-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: D008
Substance: LEAD (PB)
CAS #: 7439-92-1
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U019
Substance: BENZENE
CAS #: 71-43-2
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal June 24, 1988): The Pacific Coast Pipe Lines Site covers 100 acres at 67 East Telegraph Road in Fillmore, Ventura County, California. During 1920-52, the site was a Texaco, Inc., refinery. When the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

refinery closed, most of it was dismantled. Pacific Coast Pipe Lines, a department of Texaco, took the site over in 1953, operating it as a crude oil pumping station. Liquid and semisolid refinery wastes were disposed of in on-site unlined pits and sumps. Texaco identified eight areas where hazardous waste may have been deposited. Soil in six of the areas contains benzene, 1,3-dichlorobenzene, and lead. Three monitoring wells on-site contain benzene and 1,3-dichlorobenzene, according to Texaco analyses conducted in 1983. An estimated 10,000 people obtain drinking water and as many as 4,000 acres of agricultural land are irrigated from wells within 3 miles of the site. In 1985 and 1986, Texaco transported 33,000 cubic yards of contaminated soils to a hazardous waste facility regulated under Subtitle C of the Resource Conservation and Recovery Act. Status (October 4, 1989): EPA is investigating the possibility that Texaco will conduct a remedial investigation/feasibility study to determine the type and extent of contamination at the site and identify alternatives for remedial action.

Site Status Details:

NPL Status: Final
Proposed Date: 06/24/1988
Final Date: 10/04/1989
Deleted Date: Not reported

Narratives Details:

NPL Name: PACIFIC COAST PIPE LINES
City: FILLMORE
State: CA

SEMS:

Site ID: 901841
EPA ID: CAD980636781
Federal Facility: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0901841
EPA ID: CAD980636781
Facility County: VENTURA
Short Name: PACIFIC COAST PIPE LINES
Congressional District: 26
IFMS ID: 09J6
SMSA Number: 6000
USGC Hydro Unit: 18070102
Federal Facility: Not a Federal Facility
DMNSN Number: 100.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Not reported
Site Settings Code: RU

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

NPL Status: Currently on the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Not reported
Non NPL Status Date: / /
Site Fips Code: 06111
CC Concurrence Date: 09/27/96
CC Concurrence FY: 1996
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 9000074.00000
Contact Name: Holly Hadlock
Contact Tel: (415) 972-3171
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: FILLMORE TEXACO REFINERY
Alias Address: Not reported
CA

Alias ID: 102
Alias Name: PACIFIC COAST PIPE LINES
Alias Address: 67 E TELEGRAPH RD
FILLMORE, CA 93015

Alias ID: 101
Alias Comments: PREVIOUS EPA ID# AZD 981 416 977

Site Description: The Pacific Coast Pipeline (Texaco Fillmore Facility) site (the "Site") is located in Ventura County, California, on the eastern edge of the City of Fillmore. The Site address is 67 East Telegraph Road, Fillmore, California. The 20 acre Site was the location of a former Texas Company Inc. (Texaco) petro-chemical refinery which operated from the 1920s to 1950. The Site is currently used by Texaco as a pumping station for crude oil produced in the local oil fields of Ventura County. The Site is located just north of State Highway 126, which runs in an east to west direction between U.S. highways 101

PACIFIC COAST PIPE LINES (Continued)

1000251902

and 5. Along the western boundary of the Site are residential homes and San Cayetano Elementary School. To the north and east of the Site is vacant land with some agricultural use. Industrial and residential properties are located to the south of the Site. To the southwest of the Site is a gas station that removed leaking fuel tanks in 1989. Private agricultural, industrial and residential ground water supply wells exist within a half mile radius of the Site. An onsite production well is used to irrigate the orchards on a hill to the east of the Site. City of Fillmore municipal wells are located to the southwest of the Site. These wells are planned for use by the City of Fillmore. The Site surface structures include large holding tanks, piping and a small operations building. There are no wetlands on or near the Site. The Site is located between the Topa Topa Mountains to the northwest and the Fillmore ground water basin to the southwest. The Santa Clara River is approximately one half mile to the south of the Site. The Site slopes generally to the south and west toward the Santa Clara River and is bordered on the west by Pole Creek, the natural surface water drainage system in the immediate vicinity of the facility. The Site is located near the confluence of three major drainages: the Santa Clara River, Sespe Creek and Pole Creek. Pole Creek emptied directly into the Site prior to the construction of a flood control channel. Water in the Pole Creek Flood Control Channel discharges into the Santa Clara River. Surface water from the Site is either channeled along graded roads for collection in bermed storage areas or in excavated pits, or it flows into Pole Creek either over the ground's surface or through drainage pipes. The San Cayetano Thrust Fault that crosses the Site is associated with areas of natural oil seeps. Fractures associated with folding and fault zones can act as either seals or conduits for the migration of fluids. The Site lies at the eastern end of the Fillmore ground water basin. The Fillmore basin, the Pini basin and the Santa Clara River Valley sediments form a large connected ground water system. The ground water gradient slopes down toward the west with local variations reflecting irregularities along the boundaries of the basin. At the Site, the Fillmore basin suddenly widens and the regional ground water gradient turns towards the northwest on the north side of the Santa Clara River Valley. Three possible hydrogeologic units were identified during the Remedial Investigation. From the surface down they are as follows: - A perched zone generally shallower than 40 to 50 feet below grade; - Aquifer 1, is unconfined and found between 80 to 100 feet below grade; and - Aquifer 2, is confined and found generally 100 feet below grade. The base of Aquifer 1 is formed by the unit described as the deep fine-grained unit. Ground water in this unit flows in a westerly or northwesterly direction. Aquifer 2 appears to be confined beneath the same deep fine-grained unit. Ground water in this unit flows in a northwesterly direction. There appears to be some vertical migration of ground water down from Aquifer 1 to Aquifer 2 in the southern portion of the Site where the deep fine-grained soil unit is thinnest. Texaco operated a petroleum refinery at the Site from 1928 to 1950. The primary products of the Texaco refinery were gasoline, diesel and fuel oil. Wastes from the refinery process are believed to have consisted primarily of tank bottoms, filter clays, and sludges. These refinery wastes were disposed of onsite from 1928 to 1950 in a large main waste pit (MWP) located on the western border of the Site, and in eight smaller unlined sumps and pits located throughout the Site. In 1950, Texaco dismantled and converted the refinery to a crude oil pumping station. It is believed that the onsite refinery wastes disposal areas were not used since 1950. In 1986, under the guidance of the California Department of Toxic Substances Control (CADTSQ), Texaco removed 33,000 cubic yards of waste material and contaminated soils from the MWP and eight other waste disposal areas. These areas contained contaminants at concentrations considered to be hazardous substances. In June of 1988, the Site was proposed for the National Priorities List (NPL) and

MAP FINDINGS

PACIFIC COAST PIPE LINES (Continued)

1000251902

final listing occurred in September of 1989. Texaco completed a Feasibility Study (FS) for the site February 1992. There are currently [1992] two areas of VOC ground water contamination; one beneath the former MWP and one in the southwestern portion of the Site. The source of ground water contamination beneath the MWP is likely to have come from the refinery wastes in the MWP. The ground water contamination plume in the southern portion of the Site is likely to derive its source from suspected refinery waste pits located in the southern portion of the Site. However, the southern plume may also have been connected with sources in the northern portion of the facility given the high historical contaminant concentrations beneath the MWP. Since the removal of the refinery wastes in the MWP, concentrations of these contaminants in ground water have decreased. Based on the results of the Risk Assessment prepared in December 1991, contaminant concentrations in the ground water still exceed the Federal and California standards for drinking water and may present an imminent and substantial endangerment to human health if not remediated. Therefore, remediation of the ground water is required to reduce contaminant concentrations in the ground water. A Record of Decision for Operable Unit (OU) 01 (entire site) of the Pacific Coast Pipeline Site was completed in March 1992. EPA issued a ROD in 1992 for the groundwater; the selected remedy was groundwater pump and treat and soil vapor extraction (SVE) for the two distinct plumes of contamination. The chemicals of concern (COCs) in groundwater, those chemicals that needed to be addressed by the cleanup action, were benzene, toluene, ethylbenzene, and 1,2-DCA. The cleanup levels for these contaminants were California drinking water standards, also referred to as maximum contaminant levels (MCLs). The goal of the SVE system was to capture benzene, toluene, ethylbenzene, and xylenes (BTEX) in the vadose zone before it made its way into the groundwater. The treatment systems reached the limits of their effectiveness in 2002 and were shut off. The only chemicals remaining in groundwater above their MCLs were benzene and toluene in the southern plume and benzene in the northern plume. Monitoring indicated no rebound in contaminant concentrations. Groundwater monitoring has continued to the present. The footprint of both plumes has remained stable, with concentrations in the northern plume continuing to decline and concentrations in the southern plume holding steady. The goal of the 1992 Record of Decision (ROD) was to reduce groundwater contaminant levels below federal and state drinking water standards. The pump & treat and Soil Vapor Extraction (SVE) remedy addressed only groundwater and vadose zone contamination. While successful in reducing the contaminant mass in the groundwater and in the vadose zone directly above the contaminant plumes, the selected technology was not successful in achieving the goal of reducing groundwater contaminant levels below drinking water standards. In order to achieve this goal, the 1992 ROD needs to be amended. A ROD Amendment for Operable Unit 01 of the Pacific Coast Pipe Lines Site was completed in September 2011.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	06/01/81
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Action Code: 001
Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: / /
Date Completed: 06/01/87
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 07/01/87
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 06/24/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: SITE INSPECTION
Date Started: / /
Date Completed: 07/01/88
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: Notice Letters Issued
Date Started: / /
Date Completed: 03/30/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Action Anomaly: Not reported

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 07/26/89
Date Completed: 07/26/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 10/04/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: 07/13/89
Date Completed: 11/01/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 06/27/89
Date Completed: 11/15/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 11/15/89
Priority Level: Not reported
Operable Unit: SITEWIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PREPARATION OF COST DOCUMENT PACKAGE
Date Started: / /
Date Completed: 07/18/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 002
Action: REMOVAL ASSESSMENT
Date Started: 07/31/90
Date Completed: 07/31/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 003
Action: REMOVAL ASSESSMENT
Date Started: 02/15/91
Date Completed: 02/15/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: RISK/HEALTH ASSESSMENT
Date Started: 06/01/91
Date Completed: 12/11/91
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: ECOLOGICAL RISK ASSESSMENT
Date Started: / /
Date Completed: 12/11/91

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 11/15/89
Date Completed: 03/31/92
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 03/31/92
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 003
Action: PREPARATION OF COST DOCUMENT PACKAGE
Date Started: / /
Date Completed: 12/07/92
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 002
Action: PREPARATION OF COST DOCUMENT PACKAGE
Date Started: / /
Date Completed: 12/07/92
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 09/25/92

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Date Completed: 03/31/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: Lodged By DOJ
Date Started: / /
Date Completed: 05/24/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: CONSENT DECREE
Date Started: 03/31/93
Date Completed: 08/11/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/14/92
Date Completed: 12/29/94
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 004
Action: PREPARATION OF COST DOCUMENT PACKAGE
Date Started: 09/15/94
Date Completed: 07/26/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY CLOSE-OUT REPORT PREPARED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Date Started: / /
Date Completed: 09/27/96
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: COMMUNITY INVOLVEMENT
Date Started: 06/27/89
Date Completed: 09/30/96
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 12/29/94
Date Completed: 09/30/96
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: FIVE-YEAR REVIEW
Date Started: 03/01/01
Date Completed: 09/28/01
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 002
Action: FIVE-YEAR REVIEW
Date Started: 03/31/06
Date Completed: 09/28/06
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: UNILATERAL ADMIN ORDER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Date Started: / /
Date Completed: 09/24/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 003
Action: FIVE-YEAR REVIEW
Date Started: / /
Date Completed: 09/20/11
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 10/01/09
Date Completed: 09/29/11
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: RECORD OF DECISION AMENDMENT
Date Started: / /
Date Completed: 09/29/11
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 002
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 08/23/12
Date Completed: 04/03/13
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 04/03/13
Date Completed: 05/09/13
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 002
Action: CONSENT DECREE
Date Started: 04/03/13
Date Completed: 08/07/13
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 05/09/13
Date Completed: / /
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Federal Register Details:

Fed Register Date: 10/04/89
Fed Register Volume: 54
Page Number: 41015

Fed Register Date: 06/24/88
Fed Register Volume: 53
Page Number: 23988

US ENG CONTROLS:

EPA ID: CAD980636781
Site ID: 0901841
Name: PACIFIC COAST PIPE LINES
Address: 67 E TELEGRAPH RD
FILLMORE, CA 93015

EPA Region: 09
County: VENTURA
Event Code: Not reported
Actual Date: 09/30/2011
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Carbon Adsorption
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Extraction
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: ReInjection
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Residuals Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1992
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 09/29/2011
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Bioremediation (In-Situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 09/29/2011
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 09/29/2011
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Natural Attenuation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 09/29/2011
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Cap
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 09/29/2011
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 09/29/2011
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 09/29/2011
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

US INST CONTROL:

EPA ID: CAD980636781
Site ID: 0901841
Name: PACIFIC COAST PIPE LINES
Action Name: RECORD OF DECISION
Address: 67 E TELEGRAPH RD
FILLMORE, CA 93015

EPA Region: 09
County: VENTURA
Event Code: Not reported
Inst. Control: Access Restriction, Fencing
Actual Date: 03/31/1992
Comple. Date: 03/31/1992
Operable Unit: 01
Contaminated Media : Groundwater
Contact Name : Not reported
Contact Phone and Ext : Not reported
Event Code Description: Not reported

EPA ID: CAD980636781
Site ID: 0901841
Name: PACIFIC COAST PIPE LINES
Action Name: ROD Amendment
Address: 67 E TELEGRAPH RD
FILLMORE, CA 93015

EPA Region: 09
County: VENTURA
Event Code: Not reported
Inst. Control: Groundwater use/well drilling regulation
Actual Date: 09/30/2011
Comple. Date: 09/29/2011
Operable Unit: 01
Contaminated Media : Groundwater
Contact Name : Not reported
Contact Phone and Ext : Not reported
Event Code Description: Not reported

EPA ID: CAD980636781
Site ID: 0901841
Name: PACIFIC COAST PIPE LINES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1000251902

Action Name: ROD Amendment
Address: 67 E TELEGRAPH RD
FILLMORE, CA 93015
EPA Region: 09
County: VENTURA
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: 09/30/2011
Comple. Date: 09/29/2011
Operable Unit: 01
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description: Not reported

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:

PRP name: TEXACO, INC.
TEXACO, INC.
TEXACO, INC.
TEXACO, INC.

CONSENT:

EPA ID: CAD980636781
Site ID: Not reported
Case Title: U.S. V. TEXACO, INC.
Court Num: 93-2990
District: California, East
Entered Date: 19930810
Full-text of the consent decree for this site issued by the United States District Court is available from EDR. Contact your EDR Account Executive.

A3

**PHILLIPS INC.
534 SANTA CLARA ST
FILLMORE, CA 93015**

**LUST S101305606
HIST CORTESE N/A**

**< 1/8
1 ft.**

Site 3 of 25 in cluster A

**Relative:
Higher**

LUST:
Region: STATE
Global Id: T0611100497
Latitude: 34.3979334737574
Longitude: -118.914642333984
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/11/2010
Lead Agency: VENTURA COUNTY
Case Worker: DBW
Local Agency: VENTURA COUNTY
RB Case Number: C89088
LOC Case Number: 89088
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)

**Actual:
463 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILLIPS INC. (Continued)

S101305606

Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0611100497
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0611100497
Contact Type: Local Agency Caseworker
Contact Name: DIANE B. WAHL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE.
City: VENTURA
Email: diane.wahl@ventura.org
Phone Number: 8056545040

Status History:

Global Id: T0611100497
Status: Completed - Case Closed
Status Date: 06/11/2010

Global Id: T0611100497
Status: Open - Case Begin Date
Status Date: 07/12/1989

Global Id: T0611100497
Status: Open - Remediation
Status Date: 02/04/2003

Global Id: T0611100497
Status: Open - Remediation
Status Date: 02/14/2003

Global Id: T0611100497
Status: Open - Site Assessment
Status Date: 07/12/1989

Global Id: T0611100497
Status: Open - Verification Monitoring
Status Date: 09/26/2005

Regulatory Activities:

Global Id: T0611100497
Action Type: ENFORCEMENT
Date: 11/11/2009
Action: Staff Letter

Global Id: T0611100497
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILLIPS INC. (Continued)

S101305606

Date: 10/06/2009
Action: LOP Case Closure Summary to RB

Global Id: T0611100497
Action Type: ENFORCEMENT
Date: 02/18/2004
Action: * Historical Enforcement

Global Id: T0611100497
Action Type: ENFORCEMENT
Date: 01/15/2003
Action: * Historical Enforcement

Global Id: T0611100497
Action Type: RESPONSE
Date: 07/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0611100497
Action Type: RESPONSE
Date: 01/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0611100497
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0611100497
Action Type: ENFORCEMENT
Date: 11/23/2004
Action: * Historical Enforcement - #30

Global Id: T0611100497
Action Type: ENFORCEMENT
Date: 11/16/2004
Action: * Historical Enforcement

Global Id: T0611100497
Action Type: ENFORCEMENT
Date: 09/26/2005
Action: * Historical Enforcement - #32

Global Id: T0611100497
Action Type: ENFORCEMENT
Date: 06/11/2010
Action: Closure/No Further Action Letter

Global Id: T0611100497
Action Type: Other
Date: 07/12/1989
Action: Leak Reported

Global Id: T0611100497
Action Type: ENFORCEMENT
Date: 10/17/2006
Action: Technical Correspondence / Assistance / Other - #34

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILLIPS INC. (Continued)

S101305606

Global Id:	T0611100497
Action Type:	ENFORCEMENT
Date:	02/16/2006
Action:	* Historical Enforcement - #33
Global Id:	T0611100497
Action Type:	RESPONSE
Date:	01/31/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0611100497
Action Type:	RESPONSE
Date:	01/31/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0611100497
Action Type:	RESPONSE
Date:	08/24/2007
Action:	Other Report / Document
Global Id:	T0611100497
Action Type:	REMEDIATION
Date:	02/08/2001
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0611100497
Action Type:	ENFORCEMENT
Date:	06/05/2008
Action:	Technical Correspondence / Assistance / Other - #36
Global Id:	T0611100497
Action Type:	RESPONSE
Date:	01/15/2010
Action:	Well Destruction Report
Global Id:	T0611100497
Action Type:	ENFORCEMENT
Date:	06/01/2003
Action:	* Historical Enforcement
Global Id:	T0611100497
Action Type:	ENFORCEMENT
Date:	07/19/1989
Action:	* Historical Enforcement
Global Id:	T0611100497
Action Type:	RESPONSE
Date:	02/14/2003
Action:	Remedial Progress Report
Global Id:	T0611100497
Action Type:	RESPONSE
Date:	02/14/2003
Action:	Other Workplan
Global Id:	T0611100497
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILLIPS INC. (Continued)

S101305606

Date: 07/24/2007
Action: Technical Correspondence / Assistance / Other - #35

Global Id: T0611100497
Action Type: Other
Date: 07/12/1989
Action: Leak Discovery

Global Id: T0611100497
Action Type: RESPONSE
Date: 10/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0611100497
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611100497
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611100497
Action Type: ENFORCEMENT
Date: 02/07/2006
Action: File review

Global Id: T0611100497
Action Type: RESPONSE
Date: 03/19/2004
Action: Soil and Water Investigation Report

Global Id: T0611100497
Action Type: RESPONSE
Date: 03/19/2004
Action: Other Report / Document

Global Id: T0611100497
Action Type: ENFORCEMENT
Date: 04/15/2009
Action: Staff Letter

Global Id: T0611100497
Action Type: Other
Date: 07/13/1989
Action: Leak Stopped

Global Id: T0611100497
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0611100497
Action Type: RESPONSE
Date: 12/01/2005
Action: Soil and Water Investigation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILLIPS INC. (Continued)

S101305606

Global Id: T0611100497
Action Type: RESPONSE
Date: 12/15/2005
Action: Other Workplan

Global Id: T0611100497
Action Type: RESPONSE
Date: 05/05/2006
Action: Other Report / Document

Global Id: T0611100497
Action Type: RESPONSE
Date: 04/28/2006
Action: Monitoring Report - Quarterly

Global Id: T0611100497
Action Type: RESPONSE
Date: 01/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0611100497
Action Type: RESPONSE
Date: 07/29/2005
Action: Monitoring Report - Quarterly

LUST REG 4:

Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-89088
Status: Remedial action (cleanup) Underway
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 89088
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0611100497
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: LFOR
Date Leak Discovered: 7/12/1989
Date Leak First Reported: 7/12/1989
Date Leak Record Entered: Not reported
Date Confirmation Began: 7/12/1989
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: Not reported
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PHILLIPS INC. (Continued)

S101305606

Approx. Dist To Production Well (ft): 1006.5917700705694056216331677
 Source of Cleanup Funding: F
 Preliminary Site Assessment Workplan Submitted: 7/12/1989
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Remediation Plan Submitted: Not reported
 Remedial Action Underway: 2/4/2004
 Post Remedial Action Monitoring Began: Not reported
 Enforcement Action Date: 7/19/1989
 Historical Max MTBE Date: 10/31/1994
 Hist Max MTBE Conc in Groundwater: 12
 Hist Max MTBE Conc in Soil: Not reported
 Significant Interim Remedial Action Taken: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Organization: Not reported
 Owner Contact: Not reported
 Responsible Party: PHILLIPS INC.
 RP Address: Not reported
 Program: LUST
 Lat/Long: 34.3982792 / -1
 Local Agency Staff: KCK
 Beneficial Use: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Suspended: Not reported
 Assigned Name: Not reported
 Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
 Facility ID: 89088
 Status: Post remedial action monitoring

HIST CORTESE:

Region: CORTESE
 Facility County Code: 56
 Reg By: LTNKA
 Reg Id: C-89088

A4

**PHILLIPS INC.
 534 SANTA CLARA ST
 FILLMORE, CA**

**RGA LUST S114669483
 N/A**

**< 1/8
 1 ft.**

Site 4 of 25 in cluster A

**Relative:
 Higher**

RGA LUST:

2012	PHILLIPS INC.	534 SANTA CLARA ST
2011	PHILLIPS INC.	534 SANTA CLARA ST
2010	PHILLIPS INC.	534 SANTA CLARA ST
2009	PHILLIPS INC.	534 SANTA CLARA ST
2008	PHILLIPS INC.	534 SANTA CLARA ST
2007	PHILLIPS INC.	534 SANTA CLARA ST
2006	PHILLIPS INC.	534 SANTA CLARA ST
2005	PHILLIPS INC.	534 SANTA CLARA ST
2003	PHILLIPS INC.	534 SANTA CLARA ST
2002	PHILLIPS INC.	534 SANTA CLARA ST

**Actual:
 463 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHILLIPS INC. (Continued)

S114669483

2001 PHILLIPS INC. 534 SANTA CLARA ST
2000 PHILLIPS INC. 534 SANTA CLARA ST
1998 PHILLIPS INC. 534 SANTA CLARA ST
1997 PHILLIPS INC. 534 SANTA CLARA ST
1996 PHILLIPS INC. 534 SANTA CLARA ST
1995 PHILLIPS INC. 534 SANTA CLARA ST
1994 PHILLIPS INC. 534 SANTA CLARA ST

A5

**HAL PHILLIPS INC
534 SANTA CLARA STREET
FILLMORE, CA 93015**

**HAZNET S112840268
N/A**

**< 1/8
1 ft.**

Site 5 of 25 in cluster A

**Relative:
Higher**

HAZNET:
envid: S112840268
Year: 1994
GEPaid: CAC000722552
Contact: HAL PHILLIPS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 215 PALM STREET
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAD980883177
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 9.0280
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

**Actual:
463 ft.**

A6

**RICH J A
538 SANTA CLARA ST
FILLMORE, CA**

**EDR Hist Auto 1009024221
N/A**

**< 1/8
1 ft.**

Site 6 of 25 in cluster A

**Relative:
Higher**

EDR Hist Auto
Year: Name: Type:
1930 RICH J A AUTOMOBILE REPAIRING

**Actual:
463 ft.**

A7

**PHILLIPS INC.
534 SANTA CLARA ST
FILLMORE, CA 93015**

**FINDS 1023363068
N/A**

**< 1/8
1 ft.**

Site 7 of 25 in cluster A

**Relative:
Higher**

FINDS:
Registry ID: 110066603982
Environmental Interest/Information System

**Actual:
463 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PHILLIPS INC. (Continued)

1023363068

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A8

**553 VENTURA COUNTY ENVIRONMENTAL HEALTH
 534 SANTA CLARA**

**FINDS 1014673085
 N/A**

< 1/8
 1 ft.

FILLMORE, CA 93015

Site 8 of 25 in cluster A

**Relative:
 Higher**

FINDS:

Registry ID: 110043350370

**Actual:
 463 ft.**

Environmental Interest/Information System
 LEAKING UNDERGROUND STORAGE TANK - ARRA

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A9

**PHILLIPS HAL PONTIAC GMC INC
 534 SANTA CLARA**

**EDR Hist Auto 1009024269
 N/A**

< 1/8
 1 ft.

FILLMORE, CA 93015

Site 9 of 25 in cluster A

**Relative:
 Higher**

EDR Hist Auto

**Actual:
 463 ft.**

Year:	Name:	Type:
1949	JONES BROS	GASOLINE AND OIL SERVICE STATIONS
1957	JONES BROS TEXACO SERVICE	GASOLINE STATIONS
1961	JONES BROS TEXACO SERVICE	GASOLINE STATIONS
1969	JONES BROS & SONS*	New And Used Car Dealers
1970	JONES BROS & SONS*	New And Used Car Dealers
1971	JONES BROS & SONS*	New And Used Car Dealers
1972	JONES BROS & SONS*	New And Used Car Dealers
1973	JONES BROS & SONS*	New And Used Car Dealers
1974	JONES BROS & SONS*	New And Used Car Dealers
1975	JONES BROS & SONS*	New And Used Car Dealers
1976	JONES BROS & SONS*	New And Used Car Dealers
1977	PHILLIPS HAL PONTIAC GMC INC	New And Used Car Dealers
1978	PHILLIPS HAL PONTIAC GMC INC	New And Used Car Dealers
1979	PHILLIPS HAL PONTIAC GMC*	New And Used Car Dealers

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A10 **GRIMALDO ENTERPRISES**
233 PALM STREET
< 1/8 **FILLMORE, CA 93015**
1 ft.

FINDS **1023650313**
 N/A

Site 10 of 25 in cluster A

Relative:
Higher

FINDS:

Registry ID: 110070060752

Actual:
458 ft.

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

[Click this hyperlink](#) while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

A11 **HATTON'S PONTIAC BUICK GMC**
534 SANTA CLARA AVE
< 1/8 **FILLMORE, CA 93015**
1 ft.

SWEEPS UST **S101631258**
CA FID UST **N/A**

Site 11 of 25 in cluster A

Relative:
Higher

SWEEPS UST:

Status: Active
Comp Number: 1280
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-001280-000001
Tank Status: A
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 3

Actual:
463 ft.

Status: Active
Comp Number: 1280
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-001280-000002
Tank Status: A
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 1280

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HATTON'S PONTIAC BUICK GMC (Continued)

S101631258

Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-001280-000003
Tank Status: A
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 56000410
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 534 SANTA CLARA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: FILLMORE 93015
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

A12

**HATTON'S PONTIAC/BUICK/GMC
534 SANTA CLARA STREET
FILLMORE, CA**

**UST U002244210
N/A**

< 1/8
1 ft.

Site 12 of 25 in cluster A

**Relative:
Higher**

VENTURA CO. UST:
Facility ID: D 1103
Facility Status: inactive

**Actual:
463 ft.**

A13

**HAL PHILLIPS INC
534 SANTA CLARA STREET
FILLMORE, CA 93015**

**HAZNET S113084664
N/A**

< 1/8
1 ft.

Site 13 of 25 in cluster A

**Relative:
Higher**

HAZNET:
envid: S113084664
Year: 1998
GEPaid: CAL000159071
Contact: HAL PHILLIPS
Telephone: 0000000000

**Actual:
463 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAL PHILLIPS INC (Continued)

S113084664

Mailing Name: Not reported
Mailing Address: 215 PALM ST
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: 3.4402
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113084664
Year: 1998
GEPaid: CAL000159071
Contact: HAL PHILLIPS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 215 PALM ST
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 3.4402
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113084664
Year: 1998
GEPaid: CAL000159071
Contact: HAL PHILLIPS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 215 PALM ST
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAT080025711
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .9174
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113084664
Year: 1996
GEPaid: CAL000159071
Contact: HAL PHILLIPS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 215 PALM ST
Mailing City,St,Zip: FILLMORE, CA 930150000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAL PHILLIPS INC (Continued)

S113084664

Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 5.3167
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113084664
Year: 1996
GEPaid: CAL000159071
Contact: HAL PHILLIPS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 215 PALM ST
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 1.8000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A14 PHILLIPS INC.
534 SANTA CLARA STREET
FILLMORE, CA

RGA LUST S114669484
N/A

< 1/8
1 ft.

Site 14 of 25 in cluster A

Relative: RGA LUST:
Higher 1993 PHILLIPS INC. 534 SANTA CLARA STREET
1992 PHILLIPS INC. 534 SANTA CLARA STREET

Actual:
463 ft.

A15 JONES BROS
543 VENTURA ST
FILLMORE, CA

EDR Hist Auto 1009026094
N/A

< 1/8
0.005 mi.
24 ft.

Site 15 of 25 in cluster A

Relative: EDR Hist Auto
Lower
Year: Name: Type:
1961 JONES BROS AUTOMOBILE DEALERS-USED CARS

Actual:
451 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A16
SE
 < 1/8
 0.011 mi.
 57 ft.

BALDEN RANCH CO INC
5W CORNER CENTRAL AND VENTURA ST
FILLMORE, CA 93015

HIST UST **U001579409**
 N/A

Site 16 of 25 in cluster A

Relative:
 Lower

HIST UST:

File Number: 0002C471
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C471.pdf>
 Region: STATE
 Facility ID: 00000023966
 Facility Type: Other
 Other Type: RANCH
 Contact Name: Not reported
 Telephone: 8055253925
 Owner Name: BALDEN RANCH CO., INC.
 Owner Address: 265 BECKWITH RD. #58
 Owner City,St,Zip: SANTA PAULA, CA 93060
 Total Tanks: 0000

Actual:
 453 ft.

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000280
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: Not reported
 Leak Detection: None

[Click here for Geo Tracker PDF:](#)

A17
SE
 < 1/8
 0.011 mi.
 58 ft.

HAROLD BALDEN
CENTRAL & HWY 126
FILLMORE, CA

UST **U003187571**
 N/A

Site 17 of 25 in cluster A

Relative:
 Lower

VENTURA CO. UST:

Facility ID: D 157
 Facility Status: inactive

Actual:
 454 ft.

A18
NW
 < 1/8
 0.021 mi.
 113 ft.

CAMPBELLS AUTO REPAIR
562 SANTA CLARA ST
FILLMORE, CA 93015

EDR Hist Auto **1021938499**
 N/A

Site 18 of 25 in cluster A

Relative:
 Higher

EDR Hist Auto

Actual:
 462 ft.

Year:	Name:	Type:
1987	CAMPBELLS AUTO RPR	General Automotive Repair Shops
1988	CAMPBELLS AUTO RPR	General Automotive Repair Shops
1989	CAMPBELLS AUTO RPR	General Automotive Repair Shops
1990	CAMPBELLS AUTO RPR	General Automotive Repair Shops
1991	CAMPBELLS AUTO RPR	General Automotive Repair Shops
1992	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
1993	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
1994	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAMPBELLS AUTO REPAIR (Continued)

1021938499

1995	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
1996	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
1997	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
1998	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
1999	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
2000	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
2001	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
2001	BOBS RADIATOR SHOP	General Automotive Repair Shops
2002	BOBS RADIATOR SHOP	General Automotive Repair Shops
2002	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
2003	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
2003	BOBS RADIATOR SHOP	General Automotive Repair Shops
2004	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
2004	BOBS RADIATOR SHOP	General Automotive Repair Shops
2005	BOBS RADIATOR SHOP	General Automotive Repair Shops
2006	BOBS RADIATOR SHOP	General Automotive Repair Shops
2007	BOBS RADIATOR SHOP	General Automotive Repair Shops
2008	BOBS RADIATOR SHOP	General Automotive Repair Shops
2009	BOBS RADIATOR SHOP	General Automotive Repair Shops
2009	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
2010	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
2010	BOBS RADIATOR SHOP	General Automotive Repair Shops
2011	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
2011	BOBS RADIATOR SHOP	General Automotive Repair Shops
2012	CAMPBELLS AUTO REPAIR	General Automotive Repair Shops
2012	BOBS RADIATOR SHOP	General Automotive Repair Shops
2013	BOBS RADIATOR SHOP	General Automotive Repair Shops
2014	BOBS RADIATOR SHOP	General Automotive Repair Shops

**A19
 NW
 < 1/8
 0.021 mi.
 113 ft.**

**GAZZAWAY W E
 552 SANTA CLARA ST
 FILLMORE, CA
 Site 19 of 25 in cluster A**

**EDR Hist Auto 1009026004
 N/A**

**Relative:
 Higher**

EDR Hist Auto

**Actual:
 462 ft.**

Year: Name:
 1930 GAZZAWAY W E

Type:
 AUTOMOBILE REPAIRING

**A20
 NW
 < 1/8
 0.021 mi.
 113 ft.**

**CAMPBELL'S AUTO REPAIR
 562 SANTA CLARA STREET
 FILLMORE, CA
 Site 20 of 25 in cluster A**

**UST U001579421
 HIST UST N/A
 VENTURA CO. BWT**

**Relative:
 Higher**

VENTURA CO. UST:
 Facility ID: D 552
 Facility Status: inactive

**Actual:
 462 ft.**

HIST UST:
 File Number: 0002C80F
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C80F.pdf>
 Region: STATE
 Facility ID: 00000014969
 Facility Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMPBELL'S AUTO REPAIR (Continued)

U001579421

Other Type: AUTO REPAIR
Contact Name: Not reported
Telephone: 8055243683
Owner Name: GEORGE R. CAMPBELL & DAVID R.
Owner Address: 562 SANTA CLARA
Owner City,St,Zip: FILLMORE, CA 93015
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAMPBELL'S AUTO REPAIR (Continued)

U001579421

Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

VENTURA CO. BWT:

Facility ID: FA0004910
 Program: BUSINESS PLAN/HAZARDOUS WASTE GENERATOR

A21
NW
 < 1/8
 0.021 mi.
 113 ft.

BURKE S AUTO SERVICE
560 SANTA CLARA ST
FILLMORE, CA
 Site 21 of 25 in cluster A

EDR Hist Auto 1009026785
N/A

Relative:
Higher

EDR Hist Auto

Actual:
462 ft.

Year:	Name:	Type:
1949	GASSAWAY W E	GASOLINE AND OIL SERVICE STATIONS
1957	BURKE S AUTO SERVICE	AUTOMOBILE REPAIRING
1961	BURKE S AUTOMOTIVE SERVICE	AUTOMOBILE REPAIRING

A22
ESE
 < 1/8
 0.028 mi.
 149 ft.

ESTRADAS AUTOMOTIVE
515 W VENTURA ST B
FILLMORE, CA 93015
 Site 22 of 25 in cluster A

EDR Hist Auto 1020331961
N/A

Relative:
Lower

EDR Hist Auto

Actual:
454 ft.

Year:	Name:	Type:
1997	BOBLETTS AUTOMOTIVE	Automotive Transmission Repair Shops
1998	ESTRADAS AUTOMOTIVE	Automotive Transmission Repair Shops
1999	ESTRADAS AUTOMOTIVE	Automotive Transmission Repair Shops
2000	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2001	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ESTRADAS AUTOMOTIVE (Continued)

1020331961

2002	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2003	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2004	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2005	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2006	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2007	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2008	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2009	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2010	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2011	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2012	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2013	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops
2014	ESTRADAS AUTOMOTIVE	General Automotive Repair Shops

A23
ESE
 < 1/8
 0.028 mi.
 149 ft.

PARKER AUTO PARTS
515 VENTURA ST
FILLMORE, CA 93015

RCRA-SQG 1000269393
FINDS CAD982491169
ECHO
HAZNET

Site 23 of 25 in cluster A

Relative:
Lower

RCRA-SQG:

Date form received by agency: 05/24/1990
 Facility name: PARKER AUTO PARTS
 Facility address: 515 VENTURA ST
 FILLMORE, CA 93015

Actual:
 454 ft.

EPA ID: CAD982491169
 Mailing address: VENTURA ST
 FILLMORE, CA 93015
 Contact: ENVIRONMENTAL MANAGER
 Contact address: 515 VENTURA ST
 FILLMORE, CA 93015
 Contact country: US
 Contact telephone: 805-524-0222
 Contact email: Not reported
 EPA Region: 09

Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MARGARET PARKER
 Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999
 Owner/operator country: Not reported
 Owner/operator telephone: 415-555-1212
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PARKER AUTO PARTS (Continued)

1000269393

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002829583

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: 1000269393
Registry ID: 110002829583
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002829583>

HAZNET:

envid: 1000269393
Year: 1993
GEPaid: CAD982491169

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PARKER AUTO PARTS (Continued)

1000269393

Contact: Not reported
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: 515 VENTURA ST
 Mailing City,St,Zip: FILLMORE, CA 930150000
 Gen County: Not reported
 TSD EPA ID: CAD980883177
 TSD County: Not reported
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Tons: 0.95909999999
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Ventura

envid: 1000269393
 Year: 1993
 GEPAID: CAD982491169
 Contact: Not reported
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: 515 VENTURA ST
 Mailing City,St,Zip: FILLMORE, CA 930150000
 Gen County: Not reported
 TSD EPA ID: CAT080011059
 TSD County: Not reported
 Waste Category: Unspecified solvent mixture
 Disposal Method: Recycler
 Tons: 0.62549999999
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Ventura

A24
ESE
< 1/8
0.028 mi.
149 ft.

BULLARDS AUTO PARTS
515 VENTURA ST
FILLMORE, CA 93015
Site 24 of 25 in cluster A

HIST UST **S113080717**
VENTURA CO. BWT **N/A**
HAZNET

Relative:
Lower

Actual:
454 ft.

HIST UST:
 File Number: 0002C9CD
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C9CD.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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BULLARDS AUTO PARTS (Continued)

S113080717

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

VENTURA CO. BWT:

Facility ID: BP 2213
Program: Not reported

Facility ID: HM 2205
Program: Not reported

Facility ID: BP 1667
Program: Not reported

Facility ID: HM 1666
Program: Not reported

HAZNET:

envid: S113080717
Year: 2008
GEPaid: CAL000146786
Contact: RICK ESTRADA/OWNER
Telephone: 8057977550
Mailing Name: Not reported
Mailing Address: 515-B VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAD981427669
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Tons: 0.19
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113080717
Year: 2007
GEPaid: CAL000146786
Contact: RICK ESTRADA/OWNER
Telephone: 8057977550
Mailing Name: Not reported
Mailing Address: 515-B VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAD982042475
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 8
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BULLARDS AUTO PARTS (Continued)

S113080717

envid: S113080717
Year: 2004
GEPaid: CAL000146786
Contact: RICK ESTRADA/OWNER
Telephone: 8057977550
Mailing Name: Not reported
Mailing Address: 515-B VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: 0.22
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113080717
Year: 2004
GEPaid: CAL000146786
Contact: RICK ESTRADA/OWNER
Telephone: 8057977550
Mailing Name: Not reported
Mailing Address: 515-B VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.41
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113080717
Year: 2003
GEPaid: CAL000146786
Contact: RICK ESTRADA/OWNER
Telephone: 8057977550
Mailing Name: Not reported
Mailing Address: 515-B VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930150000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.5
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

[Click this hyperlink](#) while viewing on your computer to access 6 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A25
ESE
< 1/8
0.028 mi.
149 ft.

BULLARD'S AUTO PARTS
515 VENTURA ST.
FILLMORE, CA
Site 25 of 25 in cluster A

UST **U001579418**
HIST UST **N/A**

Relative:
Lower

VENTURA CO. UST:
Facility ID: D 717
Facility Status: inactive

Actual:
454 ft.

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000017781
Facility Type: Other
Other Type: AUTO PARTS MACHINE
Contact Name: FRED BULLARD
Telephone: 8055242844
Owner Name: KENNETH CANTWELL
Owner Address: 515 VENTURA ST.
Owner City,St,Zip: FILLMORR, CA 93015
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000070
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

B26
NE
< 1/8
0.038 mi.
199 ft.

PEYT S GARAGE
510 SANTA CLARA ST
FILLMORE, CA
Site 1 of 16 in cluster B

EDR Hist Auto **1009024217**
N/A

Relative:
Higher

EDR Hist Auto

Actual:
465 ft.

Year:	Name:	Type:
1930	PEYT S GARAGE	AUTOMOBILE REPAIRING
1973	MARTIN PAUL CO	General Automotive Repair Shops
1974	MARTIN PAUL CO	General Automotive Repair Shops
1975	MARTIN PAUL CO	General Automotive Repair Shops
1976	MARTIN PAUL CO	General Automotive Repair Shops
1977	MARTIN PAUL CO	General Automotive Repair Shops
1978	MARTIN PAUL CO	General Automotive Repair Shops
1979	MARTIN PAUL CO	General Automotive Repair Shops
1980	MARTIN PAUL CO	General Automotive Repair Shops
1982	MARTIN PAUL CO	General Automotive Repair Shops
1983	MARTIN PAUL CO	General Automotive Repair Shops

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

C27
SE
 < 1/8
 0.051 mi.
 270 ft.

CROWN DODGE
502 VENTURA ST
FILLMORE, CA 93015

Site 1 of 12 in cluster C

LUST **S100859684**
N/A

Relative:
Lower

LUST REG 4:

Actual:
453 ft.

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-92014	
Status:	Case Closed	
Substance:	Waste Oil	
Substance Quantity:	Not reported	
Local Case No:	92014	
Case Type:	Soil	
Abatement Method Used at the Site:		No Action Required
Global ID:	T0611100805	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	EF	
Date Leak Discovered:	4/17/1992	
Date Leak First Reported:		4/17/1992
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	4/17/1992	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		11/12/1997
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1550.8792858217777102937186529
Source of Cleanup Funding:		F
Preliminary Site Assessment Workplan Submitted:	4/17/1992	
Preliminary Site Assessment Began:	4/17/1992	
Pollution Characterization Began:	4/17/1992	
Remediation Plan Submitted:	11/10/1997	
Remedial Action Underway:	11/10/1997	
Post Remedial Action Monitoring Began:	Not reported	
Enforcement Action Date:	4/17/1992	
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:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BALDEN RANCH CO., INC.	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.3969933 / -1	
Local Agency Staff:	EHD	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROWN DODGE (Continued)

S100859684

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
Facility ID: 92014
Status: Case Closed

**C28
SE
< 1/8
0.051 mi.
270 ft.**

**CROWN DODGE
502 VENTURA
FILLMORE, CA 93015
Site 2 of 12 in cluster C**

**LUST
VENTURA CO. BWT
HIST CORTESE**

**S103662581
N/A**

**Relative:
Lower**

LUST:

Region: STATE
Global Id: T0611100805
Latitude: 34.396104
Longitude: -118.913399
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/12/1997
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C-92014
LOC Case Number: 92014
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

**Actual:
453 ft.**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0611100805
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611100805
Status: Completed - Case Closed
Status Date: 11/12/1997

Global Id: T0611100805
Status: Open - Case Begin Date
Status Date: 04/17/1992

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CROWN DODGE (Continued)

S103662581

Global Id: T0611100805
 Status: Open - Remediation
 Status Date: 11/10/1997

Global Id: T0611100805
 Status: Open - Site Assessment
 Status Date: 04/17/1992

Regulatory Activities:

Global Id: T0611100805
 Action Type: Other
 Date: 04/17/1992
 Action: Leak Reported

Global Id: T0611100805
 Action Type: Other
 Date: 04/17/1992
 Action: Leak Discovery

Global Id: T0611100805
 Action Type: ENFORCEMENT
 Date: 04/17/1992
 Action: * Historical Enforcement

VENTURA CO. BWT:

Facility ID: HM 1664
 Program: Not reported

Facility ID: BP 2211
 Program: Not reported

HIST CORTESE:

Region: CORTESE
 Facility County Code: 56
 Reg By: LTNKA
 Reg Id: C-92014

C29
SE
 < 1/8
 0.051 mi.
 270 ft.

CHRISS DETAIL SHOP
502 W VENTURA ST 316
FILLMORE, CA 93015

EDR Hist Auto 1020313053
N/A

Site 3 of 12 in cluster C

Relative:
Lower

EDR Hist Auto

Actual:
453 ft.

Year:	Name:	Type:
1989	CHRISS DETAIL SHOP	General Automotive Repair Shops
1989	ERNIES AUTOMOTIVE SERVICE	General Automotive Repair Shops
1990	ERNIES AUTOMOTIVE SERVICE	General Automotive Repair Shops
1991	CHRISS DETAIL SHOP	General Automotive Repair Shops
1992	CROWN CHRYSLER DODGE INC	Exterior Repair Services
1992	CHRISS DETAIL SHOP	General Automotive Repair Shops
1993	CROWN CHRYSLER DODGE INC	Exterior Repair Services
1994	CROWN CHRYSLER DODGE INC	Exterior Repair Services
1995	CROWN CHRYSLER DODGE	Exterior Repair Services

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRISS DETAIL SHOP (Continued)

1020313053

1998	MAY MICHAEL ENTERPRISES	General Automotive Repair Shops
1999	MAY MICHAEL ENTERPRISES	General Automotive Repair Shops
2000	MAY MICHAEL ENTERPRISES	General Automotive Repair Shops
2005	S&S AUTO REPAIR	General Automotive Repair Shops
2006	S & S AUTO REPAIR	General Automotive Repair Shops
2007	S & S AUTO REPAIR INC	General Automotive Repair Shops
2008	S & S AUTO REPAIR INC	General Automotive Repair Shops
2009	S & S AUTO REPAIR INC	General Automotive Repair Shops
2010	S & S AUTO REPAIR INC	General Automotive Repair Shops
2011	S & S AUTO REPAIR INC	General Automotive Repair Shops

C30
SE
< 1/8
0.051 mi.
270 ft.

BALDEN RANCH
502 VENTURA BLVD.
FILLMORE, CA

UST **U002169497**
N/A

Site 4 of 12 in cluster C

Relative:
Lower

VENTURA CO. UST:
Facility ID: D 693
Facility Status: inactive

Actual:
453 ft.

C31
SE
< 1/8
0.051 mi.
270 ft.

BALDEN RANCH CO INC
502 VENTURA ST
FILLMORE, CA 93015

SWEEPS UST **S101596339**
CA FID UST **N/A**

Site 5 of 12 in cluster C

Relative:
Lower

SWEEPS UST:
Status: Active
Comp Number: 4875
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-004875-000001
Tank Status: A
Capacity: 550
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 1

Actual:
453 ft.

CA FID UST:

Facility ID: 56000699
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 502 VENTURA ST
Mailing Address 2: Not reported
Mailing City,St,Zip: FILLMORE 93015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALDEN RANCH CO INC (Continued)

S101596339

Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

**C32
SE
< 1/8
0.051 mi.
270 ft.**

**CHRIS DETAIL SHOP
502 VENTURA ST
FILLMORE, CA 93015**

**RCRA-SQG 1000262114
FINDS CAD981630148
ECHO**

Site 6 of 12 in cluster C

**Relative:
Lower**

RCRA-SQG:

**Actual:
453 ft.**

Date form received by agency: 09/01/1996
Facility name: CHRIS DETAIL SHOP
Facility address: 502 VENTURA ST
FILLMORE, CA 93015
EPA ID: CAD981630148
Mailing address: VENTURA ST
FILLMORE, CA 93015
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: ELGGIO CORRAL
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRIS DETAIL SHOP (Continued)

1000262114

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002730509

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: 1000262114
Registry ID: 110002730509
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002730509>

D33
NW
< 1/8
0.055 mi.
289 ft.

R.W. RICHTER
603 SANTA CLARA ST
FILLMORE, CA 93015

Site 1 of 5 in cluster D

LUST S102435642
HIST CORTESE N/A

Relative:
Higher

LUST:

Region: STATE
Global Id: T0611100507
Latitude: 34.39814
Longitude: -118.915894

Actual:
460 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R.W. RICHTER (Continued)

S102435642

Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/05/1991
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C-89098
LOC Case Number: 89098
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0611100507
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611100507
Status: Completed - Case Closed
Status Date: 02/05/1991

Global Id: T0611100507
Status: Open - Case Begin Date
Status Date: 07/20/1989

Global Id: T0611100507
Status: Open - Site Assessment
Status Date: 07/20/1989

Global Id: T0611100507
Status: Open - Site Assessment
Status Date: 09/19/1990

Regulatory Activities:

Global Id: T0611100507
Action Type: Other
Date: 07/20/1989
Action: Leak Reported

Global Id: T0611100507
Action Type: Other
Date: 07/20/1989
Action: Leak Discovery

Global Id: T0611100507
Action Type: ENFORCEMENT
Date: 08/03/1989
Action: * Historical Enforcement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R.W. RICHTER (Continued)

S102435642

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-89098
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 89098
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0611100507
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: EF
Date Leak Discovered: 7/20/1989
Date Leak First Reported: 7/20/1989
Date Leak Record Entered: Not reported
Date Confirmation Began: 7/20/1989
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: 2/5/1991
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 845.3641838627317059329004498
Source of Cleanup Funding: S
Preliminary Site Assessment Workplan Submitted: 9/19/1990
Preliminary Site Assessment Began: 2/5/1991
Pollution Characterization Began: 2/5/1991
Remediation Plan Submitted: 2/5/1991
Remedial Action Underway: 2/5/1991
Post Remedial Action Monitoring Began: 2/5/1991
Enforcement Action Date: 8/3/1989
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: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: R. W. RICHTER
RP Address: Not reported
Program: LUST
Lat/Long: 34.3978342 / -1
Local Agency Staff: EHD
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R.W. RICHTER (Continued)

S102435642

Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
Facility ID: 89098
Status: Case Closed

HIST CORTESE:

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-89098

D34
NW
< 1/8
0.055 mi.
289 ft.

**ROLLIN W. RICHTER
603 SANTA CLARA STREET
FILLMORE, CA**

**UST U002169402
N/A**

Site 2 of 5 in cluster D

**Relative:
Higher**

VENTURA CO. UST:
Facility ID: D 546
Facility Status: inactive

**Actual:
460 ft.**

D35
NW
< 1/8
0.055 mi.
289 ft.

**R ELECTRIC
603 SANTA CLARA ST
FILLMORE, CA 93015**

**HIST UST U001579503
N/A**

Site 3 of 5 in cluster D

**Relative:
Higher**

HIST UST:
File Number: 0002CD6F
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002CD6F.pdf>
Region: STATE
Facility ID: 00000033149
Facility Type: Other
Other Type: ELECTRICAL CONTRACTO
Contact Name: ROLLIN W. RICHTER
Telephone: 8055242544
Owner Name: ROLLIN W. RICHTER
Owner Address: 603 SANTA CLARA ST.
Owner City,St,Zip: FILLMORE, CA 93015
Total Tanks: 0001

**Actual:
460 ft.**

Tank Num: 001
Container Num: 001
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R ELECTRIC (Continued)

U001579503

[Click here for Geo Tracker PDF:](#)

B36
NE
< 1/8
0.056 mi.
294 ft.

ARMSTRONG & RUDKIN
501 SANTA CLARA ST
FILLMORE, CA

EDR Hist Auto 1009024557
N/A

Site 2 of 16 in cluster B

Relative:
Higher

EDR Hist Auto

Actual:
468 ft.

Year: Name:
1930 ARMSTRONG & RUDKIN

Type:
GASOLINE AND OIL SERVICE STATIONS

E37
SW
< 1/8
0.056 mi.
295 ft.

FILLMORE CLEANERS
614 VENTURE ST
FILLMORE, CA 93015

DRYCLEANERS S105155869
N/A

Site 1 of 3 in cluster E

Relative:
Lower

DRYCLEANERS:

Actual:
444 ft.

EPA Id: CAL000229843
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 09/25/2001
Facility Active: No
Inactive Date: 06/30/2005
Facility Addr2: Not reported
Owner Name: SEONI MI LEE
Owner Address: 614 VENTURE ST
Owner Address 2: Not reported
Owner Telephone: 8055247700
Contact Name: SEON MI LEE
Contact Address: 614 VENTURE ST
Contact Address 2: Not reported
Contact Telephone: 8055247700
Mailing Name: Not reported
Mailing Address 1: 614 VENTURE ST
Mailing Address 2: Not reported
Mailing City: FILLMORE
Mailing State: CA
Mailing Zip: 930150000
Owner Fax: Not reported
Region Code: 3

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

B38	MORRIS WILLIAM	EDR Hist Auto	1009024545
NE	504 SANTA CLARA ST		N/A
< 1/8	FILLMORE, CA 93015		
0.057 mi.			
299 ft.	Site 3 of 16 in cluster B		

Relative:	EDR Hist Auto		
Higher			
	Year:	Name:	Type:
Actual:	1926	OPSAHL JOHN COMPANY INC	AUTOMOBILE REPAIRERS
466 ft.	1930	RUDKIN MOTOR SERVICE	AUTOMOBILE REPAIRING
	1992	MORRIS WILLIAM	New And Used Car Dealers, NEC

B39	OPSAHL JOHN COMPANY INC	EDR Hist Auto	1009023890
NE	506 SANTA CLARA ST		N/A
< 1/8	FILLMORE, CA		
0.057 mi.			
299 ft.	Site 4 of 16 in cluster B		

Relative:	EDR Hist Auto		
Higher			
	Year:	Name:	Type:
Actual:	1926	OPSAHL JOHN COMPANY INC	AUTOMOBILE REPAIRERS
466 ft.			

B40	WILLIAM L. MORRIS CHEVROLET	SWEEPS UST	S106934490
NE	504 SANTA CLARA AVE		N/A
< 1/8	FILLMORE, CA 93015		
0.057 mi.			
299 ft.	Site 5 of 16 in cluster B		

Relative:	SWEEPS UST:		
Higher	Status:	Active	
	Comp Number:	1279	
Actual:	Number:	9	
466 ft.	Board Of Equalization:	44-030788	
	Referral Date:	09-30-92	
	Action Date:	09-30-92	
	Created Date:	02-29-88	
	Owner Tank Id:	Not reported	
	SWRCB Tank Id:	56-000-001279-000001	
	Tank Status:	A	
	Capacity:	10000	
	Active Date:	Not reported	
	Tank Use:	UNKNOWN	
	STG:	P	
	Content:	Not reported	
	Number Of Tanks:	2	
	Status:	Active	
	Comp Number:	1279	
	Number:	9	
	Board Of Equalization:	44-030788	
	Referral Date:	09-30-92	
	Action Date:	09-30-92	
	Created Date:	02-29-88	
	Owner Tank Id:	Not reported	
	SWRCB Tank Id:	56-000-001279-000002	
	Tank Status:	A	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM L. MORRIS CHEVROLET (Continued)

S106934490

Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

**B41
NE
< 1/8
0.057 mi.
299 ft.**

**FISCHER R F
502 SANTA CLARA ST
FILLMORE, CA**

**EDR Hist Auto 1009024281
N/A**

Site 6 of 16 in cluster B

**Relative:
Higher**

EDR Hist Auto

**Actual:
466 ft.**

Year: Name:
1926 FISCHER R F
1926 OPSAHL JOHN COMPANY INC

Type:
GASOLINE AND OIL SERVICE STATIONS
AUTOMOBILE REPAIRERS

**B42
NE
< 1/8
0.057 mi.
299 ft.**

**WILLIAM L MORRIS CHEVROLET
508 SANTA CLARA AVE
FILLMORE, CA 93015**

**RCRA-SQG 1000284199
LUST CAD981662174
FINDS
ECHO
VENTURA CO. BWT
HAZNET
HIST CORTESE**

Site 7 of 16 in cluster B

**Relative:
Higher**

RCRA-SQG:

**Actual:
466 ft.**

Date form received by agency: 09/01/1996
Facility name: WILLIAM L MORRIS CHEVROLET
Facility address: 508 SANTA CLARA AVE
FILLMORE, CA 93015
EPA ID: CAD981662174
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: WILLIAM MORRIS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM L MORRIS CHEVROLET (Continued)

1000284199

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/06/1986
Site name: WILLIAM L MORRIS CHEVROLET
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/04/1993
Date achieved compliance: 11/04/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM L MORRIS CHEVROLET (Continued)

1000284199

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 09/09/1992
Date achieved compliance: 11/04/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 11/04/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/04/1998
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/09/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/04/1993
Evaluation lead agency: State Contractor/Grantee

LUST:

Region: STATE
Global Id: T0611100223
Latitude: 34.3981502
Longitude: -118.9137928
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/18/1990
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C-87092
LOC Case Number: 87092
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0611100223
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM L MORRIS CHEVROLET (Continued)

1000284199

Status History:

Global Id: T0611100223
Status: Completed - Case Closed
Status Date: 12/18/1990

Global Id: T0611100223
Status: Open - Case Begin Date
Status Date: 08/11/1987

Global Id: T0611100223
Status: Open - Remediation
Status Date: 11/15/1990

Global Id: T0611100223
Status: Open - Site Assessment
Status Date: 08/11/1987

Global Id: T0611100223
Status: Open - Site Assessment
Status Date: 07/01/1988

Global Id: T0611100223
Status: Open - Site Assessment
Status Date: 11/01/1990

Regulatory Activities:

Global Id: T0611100223
Action Type: Other
Date: 08/11/1987
Action: Leak Reported

Global Id: T0611100223
Action Type: Other
Date: 08/11/1987
Action: Leak Discovery

Global Id: T0611100223
Action Type: ENFORCEMENT
Date: 08/11/1987
Action: * Historical Enforcement

LUST REG 4:

Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-87092
Status: Case Closed
Substance: Premium Gasoline
Substance Quantity: Not reported
Local Case No: 87092
Case Type: Soil
Abatement Method Used at the Site: Excavate and Treat
Global ID: T0611100223
W Global ID: Not reported
Staff: UNK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM L MORRIS CHEVROLET (Continued)

1000284199

Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: EF
Date Leak Discovered: 8/11/1987
Date Leak First Reported: 8/11/1987
Date Leak Record Entered: Not reported
Date Confirmation Began: 7/1/1988
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: 12/18/1990
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1139.4449719004108216852733002
Source of Cleanup Funding: S
Preliminary Site Assessment Workplan Submitted: 8/11/1987
Preliminary Site Assessment Began: 11/1/1990
Pollution Characterization Began: 11/1/1990
Remediation Plan Submitted: 11/15/1990
Remedial Action Underway: 12/18/1990
Post Remedial Action Monitoring Began: 12/18/1990
Enforcement Action Date: 8/11/1987
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: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: WM. L. MORRIS CHEV
RP Address: Not reported
Program: LUST
Lat/Long: 34.3983632 / -1
Local Agency Staff: EHD
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
Facility ID: 87092
Status: Case Closed

FINDS:

Registry ID: 110002741524

Environmental Interest/Information System

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM L MORRIS CHEVROLET (Continued)

1000284199

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: 1000284199
Registry ID: 110002741524
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002741524>

VENTURA CO. BWT:

Facility ID: BP 2074
Program: Not reported

HAZNET:

envid: 1000284199
Year: 2003
GEPaid: CAD981662174
Contact: EUGENE WALINSKI
Telephone: 8055240333
Mailing Name: Not reported
Mailing Address: 1024 VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930150457
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.41
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: 1000284199
Year: 2001
GEPaid: CAD981662174
Contact: EUGENE WALINSKI
Telephone: 8055240333
Mailing Name: Not reported
Mailing Address: 1024 VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930150457
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.64
Cat Decode: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM L MORRIS CHEVROLET (Continued)

1000284199

Method Decode: Not reported
Facility County: Ventura

envid: 1000284199
Year: 2000
GEPaid: CAD981662174
Contact: EUGENE WALINSKI
Telephone: 8055240333
Mailing Name: Not reported
Mailing Address: 1024 VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930150457
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.37
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: 1000284199
Year: 1999
GEPaid: CAD981662174
Contact: JOHN CHAPMAN MORRIS SR
Telephone: 8055240333
Mailing Name: Not reported
Mailing Address: 1024 VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930150457
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.6471
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: 1000284199
Year: 1998
GEPaid: CAD981662174
Contact: JOHN CHAPMAN MORRIS SR
Telephone: 8055240333
Mailing Name: Not reported
Mailing Address: 1024 VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930150457
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: .0667
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLIAM L MORRIS CHEVROLET (Continued)

1000284199

[Click this hyperlink](#) while viewing on your computer to access
 7 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 56
 Reg By: LTNKA
 Reg Id: C-87092

**B43
 NE
 < 1/8
 0.057 mi.
 299 ft.**

**WM L MORRIS-FILLMORE
 508 SANTA CLARA ST
 FILLMORE, CA 93015**

**HIST UST U001579551
 N/A**

Site 8 of 16 in cluster B

**Relative:
 Higher**

HIST UST:
 File Number: 0002D187
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D187.pdf>
 Region: STATE
 Facility ID: 00000005675
 Facility Type: Other
 Other Type: AUTO DEALER
 Contact Name: J. C. MORRIS-PRES.
 Telephone: 8055240333
 Owner Name: WM. L. MORRIS-FILLMORE
 Owner Address: 508 SANTA CLARA ST
 Owner City,St,Zip: FILLMORE, CA 93015
 Total Tanks: 0004

**Actual:
 466 ft.**

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000500
 Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Container Construction Thickness: Not reported
 Leak Detection: None

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00004000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Container Construction Thickness: Not reported
 Leak Detection: None

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: None

Tank Num: 004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WM L MORRIS-FILLMORE (Continued)

U001579551

Container Num: 4
Year Installed: Not reported
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

B44
NE
< 1/8
0.057 mi.
299 ft.

508 SANTA CLARA ST
FILLMORE, CA 93015
Site 9 of 16 in cluster B

EDR Hist Auto 1009023892
N/A

Relative:
Higher

EDR Hist Auto

Actual:
466 ft.

Year: Name: Type:
1926 OPSAHL JOHN COMPANY INC AUTOMOBILE REPAIRERS

B45
NE
< 1/8
0.057 mi.
299 ft.

OPSAHL JOHN COMPANY INC
503 SANTA CLARA ST
FILLMORE, CA
Site 10 of 16 in cluster B

EDR Hist Auto 1009023889
N/A

Relative:
Higher

EDR Hist Auto

Actual:
468 ft.

Year: Name: Type:
1926 OPSAHL JOHN COMPANY INC AUTOMOBILE REPAIRERS

B46
NE
< 1/8
0.059 mi.
309 ft.

OPSAHL JOHN COMPANY INC
505 SANTA CLARA ST
FILLMORE, CA
Site 11 of 16 in cluster B

EDR Hist Auto 1009024511
N/A

Relative:
Higher

EDR Hist Auto

Actual:
468 ft.

Year: Name: Type:
1926 OPSAHL JOHN COMPANY INC AUTOMOBILE REPAIRERS
1949 RUDKIN MOTOR SERVICE GASOLINE AND OIL SERVICE STATIONS
1978 RUDKIN MOTOR SERVICE General Automotive Repair Shops

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B47
NE
< 1/8
0.059 mi.
309 ft.

WILLIAM L. MORRIS CHEVROLET
505 SANTA CLARA ST
FILLMORE, CA 93015
Site 12 of 16 in cluster B

LUST **S103995961**
N/A

Relative:
Higher

LUST:

Actual:
468 ft.

Region: STATE
Global Id: T0611184368
Latitude: 34.398182
Longitude: -118.913719
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/23/2006
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C04043
LOC Case Number: 04043
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0611184368
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611184368
Status: Completed - Case Closed
Status Date: 05/23/2006

Global Id: T0611184368
Status: Open - Case Begin Date
Status Date: 10/26/2004

Global Id: T0611184368
Status: Open - Remediation
Status Date: 03/03/2005

Global Id: T0611184368
Status: Open - Remediation
Status Date: 04/08/2005

Global Id: T0611184368
Status: Open - Remediation
Status Date: 05/16/2005

Global Id: T0611184368
Status: Open - Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM L. MORRIS CHEVROLET (Continued)

S103995961

Status Date: 10/26/2004

Global Id: T0611184368
Status: Open - Site Assessment
Status Date: 11/23/2004

Regulatory Activities:

Global Id: T0611184368
Action Type: RESPONSE
Date: 07/15/2005
Action: Electronic Reporting Submittal Due

Global Id: T0611184368
Action Type: RESPONSE
Date: 05/25/2006
Action: Request for Closure

Global Id: T0611184368
Action Type: Other
Date: 11/19/2004
Action: Leak Reported

Global Id: T0611184368
Action Type: ENFORCEMENT
Date: 02/10/2005
Action: * Historical Enforcement - #L01

Global Id: T0611184368
Action Type: ENFORCEMENT
Date: 04/01/1935
Action: Technical Correspondence / Assistance / Other - #4

Global Id: T0611184368
Action Type: ENFORCEMENT
Date: 04/12/2005
Action: * Historical Enforcement - #L02

Global Id: T0611184368
Action Type: ENFORCEMENT
Date: 06/08/2005
Action: * Historical Enforcement - #L03

Global Id: T0611184368
Action Type: ENFORCEMENT
Date: 05/23/2006
Action: Closure/No Further Action Letter - #5

Global Id: T0611184368
Action Type: REMEDIATION
Date: 03/03/2005
Action: Excavation

Global Id: T0611184368
Action Type: ENFORCEMENT
Date: 04/25/2006
Action: Technical Correspondence / Assistance / Other - #4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM L. MORRIS CHEVROLET (Continued)

S103995961

Global Id: T0611184368
Action Type: Other
Date: 10/26/2004
Action: Leak Discovery

Global Id: T0611184368
Action Type: RESPONSE
Date: 05/30/2005
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0611184368
Action Type: RESPONSE
Date: 04/08/2005
Action: Interim Remedial Action Report

VENTURA CO. LUST:

Region: VENTURA
Facility ID: 04043
Status: Case Closed

**B48
NE
< 1/8
0.059 mi.
309 ft.**

**WM L MORRIS CHEVROLET
505 SANTA CLARA ST
FILLMORE, CA**

**UST U004022052
N/A**

Site 13 of 16 in cluster B

**Relative:
Higher**

VENTURA CO. UST:
Facility ID: D 1545
Facility Status: inactive

**Actual:
468 ft.**

Facility ID: D 1509
Facility Status: inactive

**B49
NE
< 1/8
0.061 mi.
321 ft.**

**OPSAHL JOHN COMPANY INC
507 SANTA CLARA ST
FILLMORE, CA**

**EDR Hist Auto 1009023891
N/A**

Site 14 of 16 in cluster B

**Relative:
Higher**

EDR Hist Auto

**Actual:
468 ft.**

Year: Name: Type:
1926 OPSAHL JOHN COMPANY INC AUTOMOBILE REPAIRERS

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
C50 ESE < 1/8 0.062 mi. 329 ft.	ROGERS & MILUMN 505 VENTURA ST FILLMORE, CA Site 7 of 12 in cluster C	EDR Hist Auto	1009025682 N/A
Relative: Lower	EDR Hist Auto		
Actual: 456 ft.	Year: Name: 1949 ROGERS & MILUMN 1957 ROGERS K B CHEVRON SERVICE 1961 BOREN CHEVRON SERVICE	Type: GASOLINE AND OIL SERVICE STATIONS GASOLINE STATIONS GASOLINE STATIONS	
C51 East < 1/8 0.065 mi. 342 ft.	MORRIS WM L 215 CENTRAL AVE FILLMORE, CA Site 8 of 12 in cluster C	EDR Hist Auto	1009026428 N/A
Relative: Higher	EDR Hist Auto		
Actual: 460 ft.	Year: Name: 1961 MORRIS WM L	Type: AUTOMOBILE DEALERS-USED CARS	
B52 ENE < 1/8 0.065 mi. 342 ft.	CASE L W 245 CENTRAL AVE FILLMORE, CA Site 15 of 16 in cluster B	EDR Hist Auto	1009024564 N/A
Relative: Higher	EDR Hist Auto		
Actual: 465 ft.	Year: Name: 1930 CASE L W	Type: GASOLINE AND OIL SERVICE STATIONS	
E53 SW < 1/8 0.072 mi. 380 ft.	FILLMORE CLEANERS 614 W VENTURA ST FILLMORE, CA 93015 Site 2 of 3 in cluster E	DRYCLEANERS	S106858420 N/A
Relative: Lower	DRYCLEANERS:		
Actual: 442 ft.	EPA Id: CAL000228843 NAICS Code: 81232 NAICS Description: Drycleaning and Laundry Services (except Coin-Operated) SIC Code: 7211 SIC Description: Power Laundries, Family and Commercial Create Date: 09/25/2001 Facility Active: No Inactive Date: 06/30/2002 Facility Addr2: Not reported Owner Name: FILMORE CLEANERS Owner Address: 614 W VENTURA ST Owner Address 2: Not reported Owner Telephone: 0000000000 Contact Name: Not reported Contact Address: 614 W VENTURA ST		

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FILLMORE CLEANERS (Continued)

S106858420

Contact Address 2: Not reported
 Contact Telephone: 4157800000
 Mailing Name: Not reported
 Mailing Address 1: 614 W VENTURA ST
 Mailing Address 2: Not reported
 Mailing City: FILLMORE
 Mailing State: CA
 Mailing Zip: 930151925
 Owner Fax: Not reported
 Region Code: 3

**E54
 SW
 < 1/8
 0.072 mi.
 380 ft.**

**FILLMORE CLEANERS
 614 W VENTURA ST
 FILLMORE, CA 93015
 Site 3 of 3 in cluster E**

**EDR Hist Cleaner 1019988098
 N/A**

**Relative:
 Lower**

EDR Hist Cleaner

**Actual:
 442 ft.**

Year:	Name:	Type:
1999	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC
2000	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC
2001	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC
2002	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC
2003	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC
2004	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC
2005	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC
2006	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC
2007	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC
2008	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC
2009	FILLMORE CLEANERS	Drycleaning Plants, Except Rugs, NEC

**C55
 ESE
 < 1/8
 0.074 mi.
 391 ft.**

**HAROLD BALDEN
 NW X CENTRAL/HWY 126
 FILLMORE, CA 93015
 Site 9 of 12 in cluster C**

**LUST S104164588
 HIST CORTESE N/A**

**Relative:
 Lower**

LUST REG 4:

**Actual:
 456 ft.**

Region: 4
 Regional Board: 04
 County: Ventura
 Facility Id: C-90039
 Status: Case Closed
 Substance: Waste Oil
 Substance Quantity: Not reported
 Local Case No: 90039
 Case Type: Soil
 Abatement Method Used at the Site: Excavate and Dispose
 Global ID: T0611100623
 W Global ID: Not reported
 Staff: UNK
 Local Agency: 56000L
 Cross Street: Not reported
 Enforcement Type: EF
 Date Leak Discovered: 3/12/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAROLD BALDEN (Continued)

S104164588

Date Leak First Reported: 3/12/1990
Date Leak Record Entered: Not reported
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: 6/6/1990
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 514.724154505039988612125735
Source of Cleanup Funding: S
Preliminary Site Assessment Workplan Submitted: 3/12/1990
Preliminary Site Assessment Began: 6/6/1990
Pollution Characterization Began: 6/6/1990
Remediation Plan Submitted: 6/6/1990
Remedial Action Underway: 6/6/1990
Post Remedial Action Monitoring Began: 6/6/1990
Enforcement Action Date: 3/12/1990
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: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: HAROLD BALDEN
RP Address: Not reported
Program: LUST
Lat/Long: 34.3993431 / -1
Local Agency Staff: EHD
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
Facility ID: 90039
Status: Case Closed

HIST CORTESE:

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-90039

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

F56
NNE
 < 1/8
 0.078 mi.
 412 ft.

CITY OF FILLMORE
519 MAIN STREET
FILLMORE, CA
 Site 1 of 7 in cluster F

UST **U002169264**
 N/A

Relative:
Higher

VENTURA CO. UST:
 Facility ID: D 332
 Facility Status: inactive

Actual:
 472 ft.

F57
NNE
 < 1/8
 0.078 mi.
 412 ft.

CITY OF FILLMORE PUBLIC WORKS
519 MAIN ST
FILLMORE, CA 93015
 Site 2 of 7 in cluster F

SWEEPS UST **U001966074**
CA FID UST **N/A**

Relative:
Higher

SWEEPS UST:
 Status: Active
 Comp Number: 2177
 Number: 9
 Board Of Equalization: 44-030896
 Referral Date: 09-30-92
 Action Date: 09-30-92
 Created Date: 02-29-88
 Owner Tank Id: Not reported
 SWRCB Tank Id: 56-000-002177-000001
 Tank Status: A
 Capacity: 1000
 Active Date: Not reported
 Tank Use: UNKNOWN
 STG: P
 Content: Not reported
 Number Of Tanks: 2

Actual:
 472 ft.

Status: Active
 Comp Number: 2177
 Number: 9
 Board Of Equalization: 44-030896
 Referral Date: 09-30-92
 Action Date: 09-30-92
 Created Date: 02-29-88
 Owner Tank Id: Not reported
 SWRCB Tank Id: 56-000-002177-000002
 Tank Status: A
 Capacity: Not reported
 Active Date: Not reported
 Tank Use: UNKNOWN
 STG: P
 Content: Not reported
 Number Of Tanks: Not reported

CA FID UST:
 Facility ID: 56000840
 Regulated By: UTNKA
 Regulated ID: Not reported
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: Not reported
 Mail To: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CITY OF FILLMORE PUBLIC WORKS (Continued)

U001966074

Mailing Address: 519 MAIN ST
 Mailing Address 2: Not reported
 Mailing City,St,Zip: FILLMORE 93015
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

G58	BARLOW DONALD E	EDR Hist Auto	1022083016
East	218 CENTRAL AVE		N/A
< 1/8	FILLMORE, CA 93015		
0.083 mi.			
440 ft.	Site 1 of 7 in cluster G		
Relative:	EDR Hist Auto		
Higher			
Actual:	Year: Name: Type:		
461 ft.	1971 BARLOW DONALD E General Automotive Repair Shops		
	1972 BARLOW DONALD E General Automotive Repair Shops		

B59	236 CENTRAL AVE	EDR Hist Auto	1009024347
ENE	FILLMORE, CA 93015		N/A
< 1/8			
0.083 mi.			
440 ft.	Site 16 of 16 in cluster B		
Relative:	EDR Hist Auto		
Higher			
Actual:	Year: Name: Type:		
464 ft.	1926 MCKENDRY GARAGE AUTOMOBILE REPAIRERS		

G60	IRWIN E P	EDR Hist Auto	1009023363
East	224 CENTRAL AVE		N/A
< 1/8	FILLMORE, CA		
0.086 mi.			
456 ft.	Site 2 of 7 in cluster G		
Relative:	EDR Hist Auto		
Higher			
Actual:	Year: Name: Type:		
462 ft.	1930 IRWIN E P AUTOMOBILE REPAIRING		
	1949 WALSH T H AUTOMOBILE REPAIRING		
	1957 WALSH TOM AUTO ELECTRIC AUTOMOBILE REPAIRING		
	1961 WALSH TOM AUTO ELECTRIC AUTOMOBILE REPAIRING		
	1969 FILLMORE AUTO ELECTRIC Automotive Repair Shops, NEC		
	1970 FILLMORE AUTO ELECTRIC Automotive Repair Shops, NEC		
	1971 FILLMORE AUTO ELECTRIC Automotive Repair Shops, NEC		
	1972 FILLMORE AUTO ELECTRIC Automotive Repair Shops, NEC		
	1973 FILLMORE AUTO ELECTRIC Automotive Repair Shops, NEC		
	1974 FILLMORE AUTO ELECTRIC Automotive Repair Shops, NEC		
	1975 FILLMORE AUTO ELECTRIC Automotive Repair Shops, NEC		
	1976 FILLMORE AUTO ELECTRIC Automotive Repair Shops, NEC		

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

IRWIN E P (Continued)

1009023363

1977	FILLMORE AUTO ELECTRIC	Automotive Repair Shops, NEC
1978	FILLMORE AUTO ELECTRIC	Automotive Repair Shops, NEC
1979	FILLMORE AUTO ELECTRIC	Automotive Repair Shops, NEC
1980	FILLMORE AUTO ELECTRIC	Automotive Repair Shops, NEC
1982	FILLMORE AUTO ELECTRIC	Automotive Repair Shops, NEC
1983	FILLMORE AUTO ELECTRIC	Automotive Repair Shops, NEC
1985	FILLMORE AUTO ELECTRIC	Automotive Repair Shops, NEC
1986	FILLMORE AUTO ELECTRIC	Automotive Repair Shops, NEC
1987	FILLMORE AUTO ELECTRIC	Automotive Repair Shops, NEC
1988	FILLMORE AUTO ELECTRIC	Automotive Repair Shops, NEC
1990	FILLMORE AUTO ELECTRIC	Electrical Services

F61
NNE
 < 1/8
 0.090 mi.
 474 ft.

CITY OF SANTA PAULA COMM. CTR.
530 MAIN STREET
SANTA PAULA, CA

UST U002244077
N/A

Site 3 of 7 in cluster F

Relative:
Higher

VENTURA CO. UST:
 Facility ID: D 333
 Facility Status: inactive

Actual:
 472 ft.

F62
NNE
 < 1/8
 0.094 mi.
 494 ft.

FRANK CLEANERS
518 MAIN STREET
SANTA PAULA, CA

UST U002244076
N/A

Site 4 of 7 in cluster F

Relative:
Higher

VENTURA CO. UST:
 Facility ID: D 331
 Facility Status: inactive

Actual:
 472 ft.

G63
East
 < 1/8
 0.095 mi.
 504 ft.

SADIE S TEXACO SERVICE
461 VENTURA ST
FILLMORE, CA

EDR Hist Auto 1009025854
N/A

Site 3 of 7 in cluster G

Relative:
Higher

EDR Hist Auto

Actual:
 459 ft.

Year:	Name:	Type:
1949	MIDDLETON I W	GASOLINE AND OIL SERVICE STATIONS
1957	SADIE S TEXACO SERVICE	GASOLINE STATIONS
1961	SADIE S TEXACO SERVICE	GASOLINE STATIONS
1969	BARLOW DON	Gasoline Service Stations
1970	BARLOW DON	Gasoline Service Stations
1971	TOMS TEXACO	Gasoline Service Stations
1972	TOMS TEXACO	Gasoline Service Stations
1975	DAVISON JAMES F & MILLARD	Gasoline Service Stations
1976	FILLMORE TEXACO	Gasoline Service Stations
1977	FILLMORE TEXACO	Gasoline Service Stations
1978	FILLMORE TEXACO	Gasoline Service Stations
1979	FILLMORE TEXACO	Gasoline Service Stations
1980	FILLMORE TEXACO	Gasoline Service Stations
1982	FILLMORE TEXACO	Gasoline Service Stations

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SADIE S TEXACO SERVICE (Continued)

1009025854

1983	FILLMORE TEXACO	Gasoline Service Stations
1985	FILLMORE TEXACO	Gasoline Service Stations
1989	HARRIS TRAILER SALES	Automotive Repair Shops, NEC
2011	FAMILY AUTO CENTERS	General Automotive Repair Shops

G64
East
< 1/8
0.095 mi.
504 ft.

CHARLOTTE CORRAL
461 VENTURA ST.
FILLMORE, CA

UST U001966551
N/A

Site 4 of 7 in cluster G

Relative:
Higher

VENTURA CO. UST:
 Facility ID: D 716
 Facility Status: inactive

Actual:
459 ft.

C65
ESE
< 1/8
0.096 mi.
508 ft.

SUNDANCE ENTERPRISES
460 VENTURA ST.
FILLMORE, CA

UST U002244328
N/A

Site 10 of 12 in cluster C

Relative:
Lower

VENTURA CO. UST:
 Facility ID: D 715
 Facility Status: inactive

Actual:
456 ft.

C66
ESE
< 1/8
0.096 mi.
508 ft.

MILTON RANCHES
460 VENTURA ST
FILLMORE, CA 93015

LUST S102769948
VENTURA CO. BWT
HIST CORTESE
N/A

Site 11 of 12 in cluster C

Relative:
Lower

LUST:
 Region: STATE
 Global Id: T0611100429
 Latitude: 34.3966905
 Longitude: -118.9141997
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 07/18/1996
 Lead Agency: VENTURA COUNTY
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: C-89006
 LOC Case Number: 89006
 File Location: Not reported
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
 Site History: Not reported

Actual:
456 ft.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0611100429
 Contact Type: Regional Board Caseworker
 Contact Name: DANIEL PIROTTON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILTON RANCHES (Continued)

S102769948

Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611100429
Status: Completed - Case Closed
Status Date: 07/18/1996

Global Id: T0611100429
Status: Open - Case Begin Date
Status Date: 01/11/1989

Global Id: T0611100429
Status: Open - Remediation
Status Date: 06/01/1995

Global Id: T0611100429
Status: Open - Site Assessment
Status Date: 01/11/1989

Global Id: T0611100429
Status: Open - Site Assessment
Status Date: 01/12/1989

Global Id: T0611100429
Status: Open - Site Assessment
Status Date: 03/31/1992

Global Id: T0611100429
Status: Open - Verification Monitoring
Status Date: 01/16/1996

Regulatory Activities:

Global Id: T0611100429
Action Type: Other
Date: 01/11/1989
Action: Leak Reported

Global Id: T0611100429
Action Type: Other
Date: 01/11/1989
Action: Leak Discovery

Global Id: T0611100429
Action Type: ENFORCEMENT
Date: 01/11/1989
Action: * Historical Enforcement

LUST REG 4:

Region: 4
Regional Board: 04
County: Ventura

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILTON RANCHES (Continued)

S102769948

Facility Id: C-89006
Status: Case Closed
Substance: Waste Oil
Substance Quantity: Not reported
Local Case No: 89006
Case Type: Soil
Abatement Method Used at the Site: EDCD
Global ID: T0611100429
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: EF
Date Leak Discovered: 1/11/1989
Date Leak First Reported: 1/11/1989
Date Leak Record Entered: Not reported
Date Confirmation Began: 1/11/1989
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: 7/18/1996
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1751.6208350857371787622389019
Source of Cleanup Funding: F
Preliminary Site Assessment Workplan Submitted: 1/12/1989
Preliminary Site Assessment Began: 3/31/1992
Pollution Characterization Began: 3/31/1992
Remediation Plan Submitted: 6/1/1995
Remedial Action Underway: 6/1/1995
Post Remedial Action Monitoring Began: 1/16/1996
Enforcement Action Date: 1/11/1989
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: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MILTON RANCHES
RP Address: Not reported
Program: LUST
Lat/Long: 34.3971303 / -1
Local Agency Staff: KCK
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MILTON RANCHES (Continued)

S102769948

VENTURA CO. LUST:

Region: VENTURA
 Facility ID: 89006
 Status: Case Closed

VENTURA CO. BWT:

Facility ID: FA0005700
 Program: BUSINESS PLANHAZARDOUS WASTE GENERATOR

HIST CORTESE:

Region: CORTESE
 Facility County Code: 56
 Reg By: LTNKA
 Reg Id: C-89006

C67
ESE
 < 1/8
 0.096 mi.
 508 ft.

DAVISON JAMES F & MILLARD G
460 VENTURA ST
FILLMORE, CA 93015

EDR Hist Auto 1009024252
N/A

Site 12 of 12 in cluster C

Relative:
Lower

EDR Hist Auto

Actual:
456 ft.

Year:	Name:	Type:
1957	FERNANDEZ MOBILGAS STATION	GASOLINE STATIONS
1961	FERNANDEZ MOBILGAS STATION	GASOLINE STATIONS
1974	DAVISON JAMES F & MILLARD G	Gasoline Service Stations
1974	DAVISON JAMES F & MILLARD G	Gasoline Service Stations
1975	DAVISON JAMES F & MILLARD G	Gasoline Service Stations
1976	DAVISON JAMES F & MILLARD G	Gasoline Service Stations
1991	ERNIES AUTOMOTIVE SERVICE	General Automotive Repair Shops
1992	ERNIES AUTOMOTIVE SERVICE	General Automotive Repair Shops
1993	ERNIES AUTOMOTIVE SERVICE	General Automotive Repair Shops
1994	ERNIES AUTOMOTIVE SERVICE	General Automotive Repair Shops
1995	ERNIES AUTOMOTIVE SERVICE	General Automotive Repair Shops
2001	ERNIES AUTOMOTIVE SERVICE	General Automotive Repair Shops
2002	ERNIES AUTOMOTIVE SERVICE	General Automotive Repair Shops
2003	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC
2004	ERNIES AUTOMOTIVE SERVICE	General Automotive Repair Shops
2005	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC
2006	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC
2007	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC
2008	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC
2009	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC
2010	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC
2011	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC
2012	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC
2013	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC
2014	ERNIES AUTOMOTIVE SERVICE	Automotive Repair Shops, NEC

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
F68 NNE < 1/8 0.098 mi. 519 ft.	SHERWOOD H E 505 MAIN ST SANTA PAULA, CA Site 5 of 7 in cluster F	EDR Hist Auto	1009024103 N/A
Relative: Higher	EDR Hist Auto		
Actual: 472 ft.	Year: 1949 Name: SHERWOOD H E	Type: GASOLINE AND OIL SERVICE STATIONS	
D69 WNW < 1/8 0.103 mi. 546 ft.	MOBILE RIG WORX 302 ORANGE GROVE AVE FILLMORE, CA 93015 Site 4 of 5 in cluster D	EDR Hist Auto	1022179647 N/A
Relative: Higher	EDR Hist Auto		
Actual: 460 ft.	Year: 2012 Name: MOBILE RIG WORX	Type: General Automotive Repair Shops	
D70 WNW < 1/8 0.103 mi. 546 ft.	HOYLE PRODUCTS 302 ORANGE GROVE AVE FILLMORE, CA Site 5 of 5 in cluster D	UST	U002244140 N/A
Relative: Higher	VENTURA CO. UST: Facility ID: D 1069 Facility Status: inactive		
Actual: 460 ft.			
F71 NNE < 1/8 0.107 mi. 565 ft.	SNOW WHITE LAUNDRY 323 CENTRAL AVE FILLMORE, CA Site 6 of 7 in cluster F	EDR Hist Cleaner	1009148450 N/A
Relative: Higher	EDR Hist Cleaner		
Actual: 474 ft.	Year: 1961 Name: SNOW WHITE LAUNDRY	Type: LAUNDRIES-SELF SERVE	
72 South < 1/8 0.109 mi. 573 ft.	RITE AID #5777 600 W VENTURA ST FILLMORE, CA 93015	RCRA-CESQG	1001111750 CAR000012880
Relative: Lower	RCRA-CESQG: Date form received by agency: 04/14/2017 Facility name: RITE AID #5777 Facility address: 600 W VENTURA ST FILLMORE, CA 930150000 EPA ID: CAR000012880		
Actual: 441 ft.			

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5777 (Continued)

100111750

Mailing address: HUNTER LN
CAMP HILL, PA 17011
Contact: DAVID W CROZIER
Contact address: HUNTER LN
CAMP HILL, PA 17011
Contact country: US
Contact telephone: (717) 975-8643
Contact email: EHS@RITEAID.COM
EPA Region: 09
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: BALDEN TOWNE PLAZA LIMITED PARTNERSHIP
Owner/operator address: W SIXTH ST 6TH FLOOR
LOS ANGELES, CA 90017
Owner/operator country: US
Owner/operator telephone: (213) 683-0500
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/01/1996
Owner/Op end date: Not reported

Owner/operator name: RITE AID CORP
Owner/operator address: P O BOX 3165
HARRISBURG, PA 17105
Owner/operator country: Not reported
Owner/operator telephone: 717-761-2633
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: THRIFTY PAYLESS INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5777 (Continued)

100111750

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/11/1997
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

- . Waste code: 122
- . Waste name: Alkaline solution without metals (pH > 12.5)

- . Waste code: 131
- . Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics

- . Waste code: 214
- . Waste name: Unspecified solvent mixture

- . Waste code: 223
- . Waste name: Unspecified oil-containing waste

- . Waste code: 261
- . Waste name: Polychlorinated biphenyls and material containing PCB's

- . Waste code: 291
- . Waste name: Latex waste

- . Waste code: 311
- . Waste name: Pharmaceutical waste

- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5777 (Continued)

1001111750

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 541
. Waste name: Photochemicals / photo processing waste

. Waste code: 561
. Waste name: Detergent and soap

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U279
. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Historical Generators:

Date form received by agency: 08/05/2014

Site name: RITE AID NO 5777

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5777 (Continued)

1001111750

Classification: Large Quantity Generator

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 232
. Waste name: Pesticides and other waste associated with pesticide production

. Waste code: 311
. Waste name: Pharmaceutical waste

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Date form received by agency: 09/08/2010
Site name: RITE AID 5777

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5777 (Continued)

1001111750

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D016
. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

Date form received by agency: 11/04/1998
Site name: RITE AID CORP 5777
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D011
. Waste name: SILVER

Violation Status: No violations found

G73
East
< 1/8
0.112 mi.
594 ft.

VALLEY FORD TRACTOR
449 VENTURA ST
FILLMORE, CA 93015
Site 5 of 7 in cluster G

LUST **S104161051**
HIST UST **N/A**
VENTURA CO. BWT
HIST CORTESE

Relative:
Higher

LUST:
Region: STATE
Global Id: T0611100893
Latitude: 34.378458
Longitude: -118.9332432
Case Type: LUST Cleanup Site

Actual:
457 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY FORD TRACTOR (Continued)

S104161051

Status: Completed - Case Closed
Status Date: 02/22/1999
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C-94039
LOC Case Number: 94039
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0611100893
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611100893
Status: Completed - Case Closed
Status Date: 02/22/1999

Global Id: T0611100893
Status: Open - Case Begin Date
Status Date: 08/17/1994

Global Id: T0611100893
Status: Open - Site Assessment
Status Date: 08/17/1994

Global Id: T0611100893
Status: Open - Site Assessment
Status Date: 09/15/1998

Global Id: T0611100893
Status: Open - Verification Monitoring
Status Date: 09/15/1998

Regulatory Activities:

Global Id: T0611100893
Action Type: ENFORCEMENT
Date: 02/22/1999
Action: Closure/No Further Action Letter

Global Id: T0611100893
Action Type: Other
Date: 08/17/1994
Action: Leak Reported

Global Id: T0611100893

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY FORD TRACTOR (Continued)

S104161051

Action Type: Other
Date: 08/17/1994
Action: Leak Discovery

HIST UST:

File Number: 0002D093
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D093.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:

VENTURA CO. BWT:

Facility ID: HM 3545
Program: Not reported

Facility ID: FA0004855
Program: BUSINESS PLAN/HAZARDOUS WASTE GENERATOR

HIST CORTESE:

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-94039

G74
East
< 1/8
0.112 mi.
594 ft.

VALLEY FORD TRACTOR
449 VENTURA ST.
FILLMORE, CA
Site 6 of 7 in cluster G

LUST **U001579540**
UST **N/A**
SWEEPS UST
HIST UST

Relative:
Higher

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-94039
Status: Case Closed
Substance: Waste Oil

Actual:
457 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY FORD TRACTOR (Continued)

U001579540

Substance Quantity: Not reported
Local Case No: 94039
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0611100893
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: CLOS
Date Leak Discovered: 8/17/1994
Date Leak First Reported: 8/17/1994
Date Leak Record Entered: Not reported
Date Confirmation Began: 8/17/1994
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: 2/22/1999
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1850.6493265171971143399261982
Source of Cleanup Funding: F
Preliminary Site Assessment Workplan Submitted: 8/17/1994
Preliminary Site Assessment Began: 9/15/1998
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: 9/15/1998
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: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: VALLEY FORD TRACTOR
RP Address: Not reported
Program: LUST
Lat/Long: 34.3970173 / -1
Local Agency Staff: EHD
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
Facility ID: 94039
Status: Case Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY FORD TRACTOR (Continued)

U001579540

VENTURA CO. UST:

Facility ID: D 1137
Facility Status: inactive

SWEEPS UST:

Status: Active
Comp Number: 183
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-000183-000001
Tank Status: A
Capacity: 280
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 1

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000019464
Facility Type: Other
Other Type: Not reported
Contact Name: DON CRAWFORD
Telephone: 8055242011
Owner Name: VALLEY FORD TRACTOR
Owner Address: 449 VENTURA ST.
Owner City,St,Zip: FILLMORE, CA 93015
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

H75
NNE
< 1/8
0.117 mi.
619 ft.

CAMPBELL PUBLIC AFFAIRS
459 MAIN ST
FILLMORE, CA 93015

EDR Hist Auto 1020889118
N/A

Site 1 of 2 in cluster H

Relative:
Higher

EDR Hist Auto

Actual:
473 ft.

Year: Name:
2002 CAMPBELL PUBLIC AFFAIRS
2003 CAMPBELL PUBLIC AFFAIRS

Type:
General Automotive Repair Shops
General Automotive Repair Shops

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMPBELL PUBLIC AFFAIRS (Continued)

1020889118

2004	CAMPBELL PUBLIC AFFAIRS	General Automotive Repair Shops
2005	CAMPBELL PUBLIC AFFAIRS	General Automotive Repair Shops
2006	CAMPBELL PUBLIC AFFAIRS	General Automotive Repair Shops
2007	CAMPBELL PUBLIC AFFAIRS	General Automotive Repair Shops
2008	CAMPBELL PUBLIC AFFAIRS	General Automotive Repair Shops
2009	CAMPBELL PUBLIC AFFAIRS	General Automotive Repair Shops
2011	CAMPBELL PUBLIC AFFAIRS	General Automotive Repair Shops

F76
NNE
< 1/8
0.120 mi.
633 ft.

KLOTZ B C
331 CENTRAL
FILLMORE, CA

EDR Hist Cleaner **1009145912**
N/A

Site 7 of 7 in cluster F

Relative:
Higher

EDR Hist Cleaner

Actual:
476 ft.

Year: Name:
1930 KLOTZ B C

Type:
CLOTHES PRESSERS AND CLEANERS

H77
NNE
< 1/8
0.124 mi.
653 ft.

BIB-N-TUCKER CLEANERS
324 CENTRAL AVE
FILLMORE, CA

EDR Hist Cleaner **1009146648**
N/A

Site 2 of 2 in cluster H

Relative:
Higher

EDR Hist Cleaner

Actual:
475 ft.

Year: Name:
1957 BIB-N-TUCKER CLEANERS
1961 BIB-N-TUCKER CLEANERS

Type:
CLEANERS AND DYERS
CLEANERS AND DYERS

G78
East
< 1/8
0.124 mi.
654 ft.

FILLMORE SHELL SERVICE
441 VENTURA ST
FILLMORE, CA

EDR Hist Auto **1009026191**
N/A

Site 7 of 7 in cluster G

Relative:
Higher

EDR Hist Auto

Actual:
459 ft.

Year: Name:
1949 DAVIS G B
1957 FILLMORE SHELL SERVICE
1961 FILLMORE SHELL SERVICE

Type:
GASOLINE AND OIL SERVICE STATIONS
GASOLINE STATIONS
GASOLINE STATIONS

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

I79
SW
< 1/8
0.125 mi.
660 ft.

DINOS AANDW DRIVE-IN
650 VENTURA ST
FILLMORE, CA 93015

Site 1 of 13 in cluster I

HIST UST **U001579432**
N/A

Relative:
Lower

HIST UST:

File Number: 0002C6E4
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C6E4.pdf>
Region: STATE
Facility ID: 00000027674
Facility Type: Other
Other Type: RESTAURANT
Contact Name: Not reported
Telephone: 8055243577
Owner Name: DUKE BRADBURY
Owner Address: 301 DEL VALLE DR
Owner City,St,Zip: FILLMORE, CA 93015
Total Tanks: 0000

Actual:
440 ft.

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

80
ESE
1/8-1/4
0.127 mi.
669 ft.

SUNDANCE ENTERPRISES
446 VENTURA ST
FILLMORE, CA 93015

HIST UST **U001579536**
N/A

Relative:
Lower

HIST UST:

File Number: 0002CAF9
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002CAF9.pdf>
Region: STATE
Facility ID: 00000065065
Facility Type: Other
Other Type: USED CAR LOT
Contact Name: BRENT SMITH
Telephone: 8055240522
Owner Name: MILTON RANCHES, INC.
Owner Address: 1100 CLIFF AVE.
Owner City,St,Zip: FILLMORE, CA 93015
Total Tanks: 0001

Actual:
450 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUNDANCE ENTERPRISES (Continued)

U001579536

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Container Construction Thickness: Not reported
 Leak Detection: None

[Click here for Geo Tracker PDF:](#)

I81
WSW
1/8-1/4
0.131 mi.
694 ft.

DINO'S A & W DRIVE-IN
650 VENTURA ST.
FILLMORE, CA

UST U004065360
N/A

Site 2 of 13 in cluster I

Relative:
Lower

VENTURA CO. UST:
 Facility ID: D 719
 Facility Status: inactive

Actual:
440 ft.

Facility ID: D 953
 Facility Status: inactive

J82
SSW
1/8-1/4
0.146 mi.
769 ft.

CAL RECYCLING
636 W VENTURA ST
FILLMORE, CA 93015

SWRCY S113138380
N/A

Site 1 of 2 in cluster J

Relative:
Lower

SWRCY:
 Reg Id: 192909
 Cert Id: RC192909.001
 Mailing Address: 10705 White Oak Ave
 Mailing City: Granada Hills
 Mailing State: CA
 Mailing Zip Code: 91344
 Website: Not reported
 Email: alex@gerecycling.com
 Phone Number: (818) 523-8778
 Grand Father: N
 Rural: Y
 Operation Begin Date: 08/01/2013
 Aluminium: Y
 Glass: Y
 Plastic: Y
 Bimetal: Y
 Agency: N/A
 Monday Hours Of Operation: 9:00 am - 5:00 pm
 Tuesday Hours Of Operation: 9:00 am - 5:00 pm
 Wednesday Hours Of Operation: CLOSED
 Thursday Hours Of Operation: 9:00 am - 5:00 pm
 Friday Hours Of Operation: 9:00 am - 5:00 pm
 Saturday Hours Of Operation: 9:00 am - 5:00 pm
 Sunday Hours Of Operation: 9:00 am - 3:00 pm
 Organization ID: 31763

Actual:
435 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL RECYCLING (Continued)

S113138380

Organization Name: G E Recycling Co Inc

J83
SSW
1/8-1/4
0.147 mi.
778 ft.

VONS STORE NO 2442
636 VENTURA ST
FILLMORE, CA 93015

RCRA NonGen / NLR

1001115402
CAR000013367

Site 2 of 2 in cluster J

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 12/17/2012

Facility name: VONS STORE NO 2442

Facility address: 636 VENTURA ST
FILLMORE, CA 93015

EPA ID: CAR000013367

Contact: KEITH B POWERS
Contact address: 5918 STONERIDGE MALL RD
PLEASANTON, CA 94588

Contact country: US

Contact telephone: 925-226-5655

Contact email: KEITH.POWERS@SAFEWAY.COM

EPA Region: 09

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
434 ft.

Owner/Operator Summary:

Owner/operator name: BALDEN TOWNE PLAZA LP
Owner/operator address: C O WATT MNGMT CO 2716 OCEAN PARK BLVD
SANTA MONICA, CA 90405

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1996
Owner/Op end date: Not reported

Owner/operator name: VONS
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/19/1996
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VONS STORE NO 2442 (Continued)

1001115402

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 05/31/2012

Site name: VONS STORE NO 2442

Classification: Large Quantity Generator

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 311
. Waste name: Pharmaceutical waste

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Date form received by agency: 06/24/1996

Site name: VONS NO 442

Classification: Small Quantity Generator

Violation Status: No violations found

I84
WSW
1/8-1/4
0.153 mi.
810 ft.

USA PETROLEUM SS #838
660 VENTURA ST
FILLMORE, CA

LUST S105974915
N/A

Site 3 of 13 in cluster I

Relative:
Lower

VENTURA CO. LUST:

Region: VENTURA

Facility ID: 00020

Status: Remedial action (cleanup) Underway

Actual:
439 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

I85
WSW
1/8-1/4
0.153 mi.
810 ft.

UNOCAL #3290
660 VENTURA ST
FILLMORE, CA 93015
Site 4 of 13 in cluster I

LUST **S101305614**
SWEEPS UST **N/A**

Relative:
Lower

LUST REG 4:

Actual:
439 ft.

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-89160	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	89160	
Case Type:	Groundwater	
Abatement Method Used at the Site:	EDVE	
Global ID:	T0611100559	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	EF	
Date Leak Discovered:	10/26/1989	
Date Leak First Reported:	10/26/1989	
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	10/24/1989	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:	Not reported	
Date the Case was Closed:	3/2/1998	
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):	1280.5109728842505730805209459	
Source of Cleanup Funding:	F	
Preliminary Site Assessment Workplan Submitted:	10/24/1989	
Preliminary Site Assessment Began:	1/10/1991	
Pollution Characterization Began:	1/10/1991	
Remediation Plan Submitted:	7/1/1991	
Remedial Action Underway:	10/18/1993	
Post Remedial Action Monitoring Began:	10/8/1997	
Enforcement Action Date:	10/26/1989	
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:	Not reported	
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	UNOCAL CORP	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.3964883 / -1	
Local Agency Staff:	DCS	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S101305614

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

SWEEPS UST:

Status: Active
Comp Number: 1277
Number: 9
Board Of Equalization: 44-000051
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-001277-000001
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 3

Status: Active
Comp Number: 1277
Number: 9
Board Of Equalization: 44-000051
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-001277-000002
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 1277
Number: 9
Board Of Equalization: 44-000051
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-001277-000003
Tank Status: A
Capacity: 500
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S101305614

Number Of Tanks: Not reported

186
WSW
1/8-1/4
0.153 mi.
810 ft.

TESORO WEST COAST COMPANY LLC 68135
660 VENTURA ST
FILLMORE, CA 93015

RCRA-SQG 1006806042
FINDS CAR000144451
ECHO

Site 5 of 13 in cluster I

Relative:
Lower

RCRA-SQG:

Date form received by agency: 05/09/2007

Facility name: TESORO WEST COAST COMPANY LLC 68135

Facility address: 660 VENTURA ST
FILLMORE, CA 93015

EPA ID: CAR000144451
Mailing address: 3450 S 344TH WAY
STE 201

AUBURN, WA 98001

Contact: ROB DONOVAN
Contact address: 3450 S 344TH WAY STE 201
AUBURN, WA 98001

Contact country: US
Contact telephone: 253-896-8716
Contact email: Not reported

EPA Region: 09
Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: TESORO WEST COAST COMPANY LLC

Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 05/01/2007

Owner/Op end date: Not reported

Owner/operator name: TESORO WEST COAST COMPANY LLC

Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 05/01/2007

Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TESORO WEST COAST COMPANY LLC 68135 (Continued)

1006806042

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D018
. Waste name: BENZENE

Historical Generators:

Date form received by agency: 03/13/2003
Site name: US GASOLINE CORPORATION FACILITY NO 838
Classification: Small Quantity Generator

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110014461402

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.

Registry ID: 110055869074

Environmental Interest/Information System
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

TESORO WEST COAST COMPANY LLC 68135 (Continued)

1006806042

ECHO:

Envid: 1006806042
Registry ID: 110014461402
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110014461402>

I87
WSW
1/8-1/4
0.153 mi.
810 ft.

UNOCAL #3290
660 VENTURA ST
FILLMORE, CA 93015
Site 6 of 13 in cluster I

LUST
VENTURA CO. BWT
HIST CORTESE

S103668447
N/A

Relative:
Lower

LUST:

Actual:
439 ft.

Region: STATE
Global Id: T0611100559
Latitude: 34.3964883
Longitude: -118.9167958
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/02/1998
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C-89160
LOC Case Number: 89160
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0611100559
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611100559
Status: Completed - Case Closed
Status Date: 03/02/1998

Global Id: T0611100559
Status: Open - Case Begin Date
Status Date: 10/24/1989

Global Id: T0611100559
Status: Open - Remediation
Status Date: 07/01/1991

Global Id: T0611100559
Status: Open - Remediation
Status Date: 10/18/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S103668447

Global Id: T0611100559
Status: Open - Site Assessment
Status Date: 10/24/1989

Global Id: T0611100559
Status: Open - Site Assessment
Status Date: 01/10/1991

Global Id: T0611100559
Status: Open - Verification Monitoring
Status Date: 10/08/1997

Regulatory Activities:

Global Id: T0611100559
Action Type: ENFORCEMENT
Date: 10/26/1989
Action: * Historical Enforcement

Global Id: T0611100559
Action Type: Other
Date: 10/26/1989
Action: Leak Reported

Global Id: T0611100559
Action Type: Other
Date: 10/26/1989
Action: Leak Discovery

Region: STATE
Global Id: T0603792896
Latitude: 34.396016614
Longitude: -118.917389
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/09/2013
Lead Agency: VENTURA COUNTY
Case Worker: EKO
Local Agency: VENTURA COUNTY
RB Case Number: 00020
LOC Case Number: 00020
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Gasoline
Site History: BLANK

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0603792896
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S103668447

Global Id: T0603792896
Contact Type: Local Agency Caseworker
Contact Name: DIANE B. WAHL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE.
City: VENTURA
Email: diane.wahl@ventura.org
Phone Number: 8056545040

Global Id: T0603792896
Contact Type: Local Agency Caseworker
Contact Name: ERIN K. O'CONNELL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE
City: VENTURA
Email: erin.oconnell@ventura.org
Phone Number: Not reported

Status History:

Global Id: T0603792896
Status: Completed - Case Closed
Status Date: 07/09/2013

Global Id: T0603792896
Status: Open - Case Begin Date
Status Date: 03/02/2000

Global Id: T0603792896
Status: Open - Remediation
Status Date: 05/16/2007

Global Id: T0603792896
Status: Open - Site Assessment
Status Date: 03/02/2000

Global Id: T0603792896
Status: Open - Site Assessment
Status Date: 01/01/2004

Global Id: T0603792896
Status: Open - Verification Monitoring
Status Date: 01/01/2012

Regulatory Activities:

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 08/11/2009
Action: File review

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 02/18/2010
Action: Staff Letter

Global Id: T0603792896
Action Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S103668447

Date: 03/02/2000
Action: Leak Reported

Global Id: T0603792896
Action Type: RESPONSE
Date: 09/15/2005
Action: Other Workplan

Global Id: T0603792896
Action Type: RESPONSE
Date: 06/30/2006
Action: Other Report / Document

Global Id: T0603792896
Action Type: RESPONSE
Date: 11/09/2012
Action: Correspondence

Global Id: T0603792896
Action Type: RESPONSE
Date: 11/30/2012
Action: Correspondence

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 08/21/2003
Action: * Historical Enforcement

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 08/25/2003
Action: * Historical Enforcement

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 04/06/2010
Action: File review

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 05/24/2010
Action: Staff Letter

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 01/01/2007
Action: File review

Global Id: T0603792896
Action Type: RESPONSE
Date: 01/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 01/06/2005
Action: File review

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S103668447

Global Id:	T0603792896
Action Type:	ENFORCEMENT
Date:	04/22/2005
Action:	* Historical Enforcement - #10
Global Id:	T0603792896
Action Type:	ENFORCEMENT
Date:	08/30/2010
Action:	Staff Letter
Global Id:	T0603792896
Action Type:	ENFORCEMENT
Date:	09/19/2011
Action:	Staff Letter
Global Id:	T0603792896
Action Type:	ENFORCEMENT
Date:	08/19/2010
Action:	Notice of Responsibility
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	01/31/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	07/31/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	12/17/2007
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	08/31/2007
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	04/30/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	07/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	10/31/2008
Action:	Remedial Progress Report
Global Id:	T0603792896
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S103668447

Date: 08/26/2005
Action: * Historical Enforcement - #11

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 06/06/2011
Action: Staff Letter

Global Id: T0603792896
Action Type: RESPONSE
Date: 05/23/2008
Action: Interim Remedial Action Plan

Global Id: T0603792896
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0603792896
Action Type: RESPONSE
Date: 10/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0603792896
Action Type: RESPONSE
Date: 04/20/2012
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0603792896
Action Type: RESPONSE
Date: 06/14/2013
Action: Well Destruction Report - Regulator Responded

Global Id: T0603792896
Action Type: REMEDIATION
Date: 08/29/2007
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603792896
Action Type: REMEDIATION
Date: 02/18/2009
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603792896
Action Type: REMEDIATION
Date: 03/22/2011
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603792896
Action Type: REMEDIATION
Date: 05/29/2012
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 09/18/2006
Action: Technical Correspondence / Assistance / Other - #13

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S103668447

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 08/06/2007
Action: Technical Correspondence / Assistance / Other - #17

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 09/24/2007
Action: Technical Correspondence / Assistance / Other - #19

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 09/24/2007
Action: Technical Correspondence / Assistance / Other - #20

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 12/12/2007
Action: Technical Correspondence / Assistance / Other - #20

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 07/10/2007
Action: Technical Correspondence / Assistance / Other - #16

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 11/14/2007
Action: Technical Correspondence / Assistance / Other - #18

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 12/16/2010
Action: Staff Letter

Global Id: T0603792896
Action Type: RESPONSE
Date: 10/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0603792896
Action Type: RESPONSE
Date: 10/29/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 03/20/2008
Action: Technical Correspondence / Assistance / Other - #21

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 06/20/2008
Action: Staff Letter - #22

Global Id: T0603792896
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S103668447

Date: 04/03/2012
Action: File review

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 04/06/2012
Action: Staff Letter

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 04/04/2013
Action: Staff Letter

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 10/29/2012
Action: Staff Letter

Global Id: T0603792896
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0603792896
Action Type: RESPONSE
Date: 10/30/2009
Action: Other Report / Document

Global Id: T0603792896
Action Type: RESPONSE
Date: 11/30/2010
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 07/02/2007
Action: Technical Correspondence / Assistance / Other - #15

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 07/31/2008
Action: File review

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 07/09/2013
Action: Closure/No Further Action Letter

Global Id: T0603792896
Action Type: RESPONSE
Date: 02/08/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603792896
Action Type: ENFORCEMENT
Date: 11/18/2010
Action: File review

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S103668447

Global Id:	T0603792896
Action Type:	ENFORCEMENT
Date:	12/10/2008
Action:	Staff Letter - #23
Global Id:	T0603792896
Action Type:	Other
Date:	03/02/2000
Action:	Leak Discovery
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	03/09/2011
Action:	Correspondence
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	07/29/2011
Action:	Site Assessment Report
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	06/30/2012
Action:	Remedial Progress Report
Global Id:	T0603792896
Action Type:	ENFORCEMENT
Date:	05/16/2007
Action:	Technical Correspondence / Assistance / Other - #14
Global Id:	T0603792896
Action Type:	ENFORCEMENT
Date:	04/19/2006
Action:	Technical Correspondence / Assistance / Other - #12
Global Id:	T0603792896
Action Type:	ENFORCEMENT
Date:	09/16/2009
Action:	Staff Letter
Global Id:	T0603792896
Action Type:	Other
Date:	03/02/2000
Action:	Leak Stopped
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	04/29/2005
Action:	Well Installation Report
Global Id:	T0603792896
Action Type:	RESPONSE
Date:	07/13/2007
Action:	Other Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #3290 (Continued)

S103668447

VENTURA CO. BWT:

Facility ID: HM 3550
Program: Not reported

Facility ID: HM 3836
Program: Not reported

Facility ID: FA0005863
Program: CUPA UNDERGROUND TANKS/HAZARDOUS WASTE GENERATOR/BUSINESS PLAN

HIST CORTESE:

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-89160

I88
WSW
1/8-1/4
0.153 mi.
810 ft.

USA PETROLEUM #838
660 VENTURA ST
FILLMORE, CA 93015
Site 7 of 13 in cluster I

LUST S104773289
N/A

Relative:
Lower

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: C-00020
Status: Leak being confirmed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 00020
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603792896
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: LFOR
Date Leak Discovered: 3/2/2000
Date Leak First Reported: 3/2/2000
Date Leak Record Entered: Not reported
Date Confirmation Began: 3/2/2000
Date Leak Stopped: 3/2/2000
Date Case Last Changed on Database: 3/2/2000
Date the Case was Closed: Not reported
How Leak Discovered: Repair Tank
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Piping
Operator: USA GASOLINE CORP.
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1957.7693498305877847536645606
Source of Cleanup Funding: Piping
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported

Actual:
439 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USA PETROLEUM #838 (Continued)

S104773289

Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
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:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	USA GASOLINE CORP.
RP Address:	30101 AGOURA COURT, STE #200, AGOURA HILLS 91301
Program:	LUST
Lat/Long:	34.395713 / -1
Local Agency Staff:	KCK
Beneficial Use:	AGR, MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

I89
WSW
1/8-1/4
0.153 mi.
810 ft.

UNOCAL #3290
660 VENTURA ST
FILLMORE, CA
Site 8 of 13 in cluster I

LUST S103820761
N/A

Relative:
Lower

VENTURA CO. LUST:
 Region: VENTURA
 Facility ID: 89160
 Status: Case Closed

Actual:
439 ft.

I90
WSW
1/8-1/4
0.153 mi.
810 ft.

TESORO-USA #68135
660 VENTURA ST.
FILLMORE, CA 93015
Site 9 of 13 in cluster I

UST U004118048
N/A

Relative:
Lower

UST:
 Facility ID: Not reported
 Permitting Agency: Ventura County Environmental Health
 Latitude: 34.39592
 Longitude: -118.91736

Actual:
439 ft.

Facility ID: 886
 Permitting Agency: VENTURA COUNTY
 Latitude: 34.3972327
 Longitude: -118.915927

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I91
WSW
1/8-1/4
0.153 mi.
810 ft.

TESORO WEST COAST COMPANY LLC #68135
660 VENTURA ST
FILLMORE, CA 93015

HIST UST S113177291
HAZNET N/A

Site 10 of 13 in cluster I

Relative:
Lower

HIST UST:

File Number: 0002D018
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D018.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

Actual:
439 ft.

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

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:](#)

HAZNET:

envid: S113177291
Year: 2015
GEPaid: CAR000144451
Contact: ROSIE RANGEL
Telephone: 2106266564
Mailing Name: Not reported
Mailing Address: 19100 RIDGEWOOD PKWY
Mailing City,St,Zip: SAN ANTONIO, TX 782590000
Gen County: Ventura
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.24
Cat Decode: Other organic solids
Method Decode: 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

TESORO WEST COAST COMPANY LLC #68135 (Continued)

S113177291

Facility County: Ventura

envid: S113177291
Year: 2015
GEPaid: CAR000144451
Contact: ROSIE RANGEL
Telephone: 2106266564
Mailing Name: Not reported
Mailing Address: 19100 RIDGEWOOD PKWY
Mailing City,St,Zip: SAN ANTONIO, TX 782590000
Gen County: Ventura
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.609
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Facility County: Ventura

envid: S113177291
Year: 2014
GEPaid: CAR000144451
Contact: LISA GOMEZ
Telephone: 2106264994
Mailing Name: Not reported
Mailing Address: 19100 RIDGEWOOD PKWY
Mailing City,St,Zip: SAN ANTONIO, TX 782590000
Gen County: Ventura
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To
Include On-Site Treatment And/Or Stabilization)
Tons: 0.0875
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113177291
Year: 2014
GEPaid: CAR000144451
Contact: LISA GOMEZ
Telephone: 2106264994
Mailing Name: Not reported
Mailing Address: 19100 RIDGEWOOD PKWY
Mailing City,St,Zip: SAN ANTONIO, TX 782590000
Gen County: Ventura
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.126
Cat Decode: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TESORO WEST COAST COMPANY LLC #68135 (Continued)

S113177291

Method Decode: Not reported
Facility County: Ventura

envid: S113177291
Year: 2013
GEPaid: CAR000144451
Contact: Lisa Gomez
Telephone: 2106264994
Mailing Name: Not reported
Mailing Address: 19100 RIDGEWOOD PKWY
Mailing City,St,Zip: SAN ANTONIO, TX 782590000
Gen County: Ventura
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect

Tons: 0.8022
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access
47 additional CA_HAZNET: record(s) in the EDR Site Report.

I92
WSW
1/8-1/4
0.156 mi.
822 ft.

THOMAS P. EATON
665 VENTURA ST.
FILLMORE, CA
Site 11 of 13 in cluster I

UST U002244331
N/A

Relative:
Lower

VENTURA CO. UST:
Facility ID: D 720
Facility Status: inactive

Actual:
442 ft.

K93
West
1/8-1/4
0.156 mi.
824 ft.

PETE CARRILLO
663 SANTA CLARA STREET
FILLMORE, CA
Site 1 of 6 in cluster K

UST U002244215
N/A

Relative:
Lower

VENTURA CO. UST:
Facility ID: D 554
Facility Status: inactive

Actual:
449 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

K94
West
1/8-1/4
0.156 mi.
824 ft.

GASOLINE STATION
663 SANTA CLARA ST
FILLMORE, CA 93015
Site 2 of 6 in cluster K

HIST UST **U001579455**
 N/A

Relative:
Lower

HIST UST:
 File Number: 0002C535
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C535.pdf>
 Region: STATE
 Facility ID: 00000001045
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: PETE CARRILLO
 Telephone: 8055241010
 Owner Name: CARRILLO & BESERRA PARTNERSHIP
 Owner Address: 663 SANTA CLARA ST
 Owner City,St,Zip: FILLMORE, CA 93015
 Total Tanks: 0003

Actual:
449 ft.

Tank Num: 001
 Container Num: 001
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: Not reported
 Leak Detection: Visual

Tank Num: 002
 Container Num: 002
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: Not reported
 Leak Detection: Visual

Tank Num: 003
 Container Num: 003
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: Not reported
 Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

195
WSW
1/8-1/4
0.156 mi.
824 ft.

UNION OIL SERVICE STATION #329
660 W VENTURA ST
FILLMORE, CA 93015
Site 12 of 13 in cluster I

HIST UST **1000167022**
 N/A

Relative:
Lower

HIST UST:
 File Number: Not reported
 URL: Not reported
 Region: STATE
 Facility ID: 00000058873

Actual:
439 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SERVICE STATION #329 (Continued)

1000167022

Facility Type: Gas Station
Other Type: Not reported
Contact Name: JAMES A. SASSER
Telephone: 8055242083
Owner Name: UNION OIL COMPANY OF CALIFORNI
Owner Address: 3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip: LOS ANGELES, CA 90010
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

I96
WSW
1/8-1/4
0.156 mi.
824 ft.

SERVICE STATION 3290
660 W VENTURA ST
FILLMORE, CA 93015

HIST UST **U001579525**
N/A

Site 13 of 13 in cluster I

Relative:
Lower

HIST UST:

Actual:
439 ft.

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000019157
Facility Type: Gas Station
Other Type: Not reported
Contact Name: JAMES A SASSER
Telephone: 8055242083
Owner Name: UNION OIL COMPANY OF CALIFORNI
Owner Address: 3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip: LOS ANGELES, CA 90010
Total Tanks: 0003

Tank Num: 001
Container Num: 3290-1
Year Installed: 1966
Tank Capacity: 00009950
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test

Tank Num: 002
Container Num: 3290-2
Year Installed: 1966
Tank Capacity: 00009950
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test

Tank Num: 003
Container Num: 3290-4

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SERVICE STATION 3290 (Continued)

U001579525

Year Installed: 1966
 Tank Capacity: 00000280
 Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor, Pressure Test

L97
NW
 1/8-1/4
 0.157 mi.
 830 ft.

SATICOY LEMON PACKING FACILITY PROPERTY
616 SESPE AVENUE AND 348 A STREET
FILLMORE, CA 93015

US BROWNFIELDS 1012261321
N/A

Site 1 of 4 in cluster L

Relative:
Higher

US BROWNFIELDS:

Actual:
466 ft.

Property Name: SATICOY LEMON PACKING FACILITY PROPERTY
 Recipient Name: R9 TBA (STAG Funded)
 Grant Type: TBA
 Property Number: 053-0-060-535, 053-0-060-575
 Parcel size: 9.25
 Latitude: 34.4008351
 Longitude: -118.9125612
 HCM Label: Not reported
 Map Scale: Not reported
 Point of Reference: Not reported
 Highlights: Not reported
 Datum: World Geodetic System of 1984
 Acres Property ID: 103823
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported
 Cleanup Funding: Not reported
 Cleanup Funding Source: Not reported
 Assessment Funding: 8275
 Assessment Funding Source: US EPA - TBA Funding
 Redevelopment Funding: Not reported
 Redev. Funding Source: Not reported
 Redev. Funding Entity Name: Not reported
 Redevelopment Start Date: Not reported
 Assessment Funding Entity: EPA
 Cleanup Funding Entity: Not reported
 Grant Type: Hazardous
 Accomplishment Type: Phase I Environmental Assessment
 Accomplishment Count: 1
 Cooperative Agreement Number: n/a
 Start Date: 02/14/2009 00:00:00
 Ownership Entity: Not reported
 Completion Date: 04/30/2009 00:00:00
 Current Owner: Not reported
 Did Owner Change: Not reported
 Cleanup Required: U
 Video Available: Not reported
 Photo Available: Not reported
 Institutional Controls Required: Not reported
 IC Category Proprietary Controls: Not reported
 IC Cat. Info. Devices: Not reported
 IC Cat. Gov. Controls: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATICOY LEMON PACKING FACILITY PROPERTY (Continued)

1012261321

IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Y
Other contams found description:	4,4-DDE, 4,4-DDT
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATICOY LEMON PACKING FACILITY PROPERTY (Continued)

1012261321

Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	1070
Below Poverty Percent:	5.5%
Meidan Income:	13793
Meidan Income Number:	2282
Meidan Income Percent:	2.6%
Vacant Housing Number:	46
Vacant Housing Percent:	128.3%
Unemployed Number:	304
Unemployed Percent:	19.4%

Property Name:	SATICOY LEMON PACKING FACILITY PROPERTY
Recipient Name:	R9 TBA (STAG Funded)
Grant Type:	TBA
Property Number:	053-0-060-535, 053-0-060-575
Parcel size:	9.25
Latitude:	34.4008351
Longitude:	-118.9125612
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103823
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	40000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATICOY LEMON PACKING FACILITY PROPERTY (Continued)

1012261321

Assessment Funding Source:	US EPA - TBA Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	n/a
Start Date:	05/07/2009 00:00:00
Ownership Entity:	Not reported
Completion Date:	09/29/2009 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Y
Other contams found description:	4,4-DDE, 4,4-DDT
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATICOY LEMON PACKING FACILITY PROPERTY (Continued)

1012261321

Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	1070
Below Poverty Percent:	5.5%
Meidan Income:	13793
Meidan Income Number:	2282
Meidan Income Percent:	2.6%
Vacant Housing Number:	46
Vacant Housing Percent:	128.3%
Unemployed Number:	304

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATICOY LEMON PACKING FACILITY PROPERTY (Continued)

1012261321

Unemployed Percent: 19.4%

L98
NW
1/8-1/4
0.157 mi.
830 ft.

SATICOY LEMON ASSOC.-PLANT 2
348 A STREET
FILLMORE, CA

UST U003758202
EMI N/A

Site 2 of 4 in cluster L

Relative:
Higher

VENTURA CO. UST:
Facility ID: D 2
Facility Status: inactive

Actual:
466 ft.

EMI:
Year: 1987
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
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

Year: 1990
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
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

Year: 1995
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATICOY LEMON ASSOC.-PLANT 2 (Continued)

U003758202

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

Year: 1996
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
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

Year: 1997
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
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

Year: 1998
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATICOY LEMON ASSOC.-PLANT 2 (Continued)

U003758202

Year: 1999
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
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

Year: 2000
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
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

Year: 2001
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
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

Year: 2002
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATICOY LEMON ASSOC.-PLANT 2 (Continued)

U003758202

Air District Name: VENTURA COUNTY APCD
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: 1
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

Year: 2003

County Code: 56

Air Basin: SCC

Facility ID: 156

Air District Name: VEN

SIC Code: 723

Air District Name: VENTURA COUNTY APCD

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: 1

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

Year: 2004

County Code: 56

Air Basin: SCC

Facility ID: 156

Air District Name: VEN

SIC Code: 723

Air District Name: VENTURA COUNTY APCD

Community Health Air Pollution Info System: Not reported

Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 0.07

Reactive Organic Gases Tons/Yr: 0.03

Carbon Monoxide Emissions Tons/Yr: 0.5

NOX - Oxides of Nitrogen Tons/Yr: 0.22

SOX - Oxides of Sulphur Tons/Yr: 0

Particulate Matter Tons/Yr: 0.05

Part. Matter 10 Micrometers and Smlr Tons/Yr:0.05

Year: 2005

County Code: 56

Air Basin: SCC

Facility ID: 156

Air District Name: VEN

SIC Code: 723

Air District Name: VENTURA COUNTY APCD

Community Health Air Pollution Info System: Not reported

Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: .07

Reactive Organic Gases Tons/Yr: .029554

Carbon Monoxide Emissions Tons/Yr: .5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATICOY LEMON ASSOC.-PLANT 2 (Continued)

U003758202

NOX - Oxides of Nitrogen Tons/Yr: .22
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .05
Part. Matter 10 Micrometers and Smlr Tons/Yr:.05

Year: 2006
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .07
Reactive Organic Gases Tons/Yr: .029554
Carbon Monoxide Emissions Tons/Yr: .5
NOX - Oxides of Nitrogen Tons/Yr: .22
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .05
Part. Matter 10 Micrometers and Smlr Tons/Yr:.05

Year: 2007
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .07
Reactive Organic Gases Tons/Yr: .029554
Carbon Monoxide Emissions Tons/Yr: .5
NOX - Oxides of Nitrogen Tons/Yr: .22
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .05
Part. Matter 10 Micrometers and Smlr Tons/Yr:.05

Year: 2008
County Code: 56
Air Basin: SCC
Facility ID: 156
Air District Name: VEN
SIC Code: 723
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .07
Reactive Organic Gases Tons/Yr: .029554
Carbon Monoxide Emissions Tons/Yr: .5
NOX - Oxides of Nitrogen Tons/Yr: .22
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .05
Part. Matter 10 Micrometers and Smlr Tons/Yr:.05

Year: 2009

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SATICOY LEMON ASSOC.-PLANT 2 (Continued)

U003758202

County Code: 56
 Air Basin: SCC
 Facility ID: 156
 Air District Name: VEN
 SIC Code: 723
 Air District Name: VENTURA COUNTY APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 7.0000000000000007E-2
 Reactive Organic Gases Tons/Yr: 0.029554
 Carbon Monoxide Emissions Tons/Yr: 0.5
 NOX - Oxides of Nitrogen Tons/Yr: 0.22
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 5.0000000000000003E-2
 Part. Matter 10 Micrometers and Smllr Tons/Yr:5.0000000000000003E-2

Year: 2010
 County Code: 56
 Air Basin: SCC
 Facility ID: 156
 Air District Name: VEN
 SIC Code: 723
 Air District Name: VENTURA COUNTY APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 7.0000000000000007E-2
 Reactive Organic Gases Tons/Yr: 0.029554
 Carbon Monoxide Emissions Tons/Yr: 0.5
 NOX - Oxides of Nitrogen Tons/Yr: 0.22
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 5.0000000000000003E-2
 Part. Matter 10 Micrometers and Smllr Tons/Yr:5.0000000000000003E-2

**L99
 NW
 1/8-1/4
 0.157 mi.
 830 ft.**

**SATICOY LEMON ASSOCIATION
 348 A STREET
 FILLMORE, CA 93015
 Site 3 of 4 in cluster L**

**HIST UST S112864747
 HAZNET N/A**

**Relative:
 Higher
 Actual:
 466 ft.**

HIST UST:
 File Number: 0002CDC2
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002CDC2.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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SATICOY LEMON ASSOCIATION (Continued)

S112864747

Type of Fuel: Not reported
 Container Construction Thickness: Not reported
 Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:

envid: S112864747
 Year: 1995
 GEPAID: CAC001070024
 Contact: SATICOY LEMON ASSOCIATION
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: SATICOY LEMON #3
 Mailing City,St,Zip: SANTA PAULA, CA 930610000
 Gen County: Not reported
 TSD EPA ID: CAD982444481
 TSD County: Not reported
 Waste Category: Unspecified solvent mixture
 Disposal Method: Transfer Station
 Tons: .1459
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Ventura

**L100
 NW
 1/8-1/4
 0.157 mi.
 830 ft.**

**SATICOY LEMON ASSOCIATION #
 348 A ST
 FILLMORE, CA 93015
 Site 4 of 4 in cluster L**

**HIST UST U001579523
 VENTURA CO. BWT N/A
 WDS**

**Relative:
 Higher**

HIST UST:

File Number: Not reported
 URL: Not reported
 Region: STATE
 Facility ID: 00000006095
 Facility Type: Other
 Other Type: LEMON PROCESSING
 Contact Name: RON DAVIS HOUSE SUPERVISOR
 Telephone: 8055241333
 Owner Name: SATICOY LEMON ASSOCIATION
 Owner Address: 348 A STREET
 Owner City,St,Zip: FILLMORE, CA 93015
 Total Tanks: 0001

**Actual:
 466 ft.**

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000550
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor, None

VENTURA CO. BWT:

Facility ID: HM 2459
 Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SATICOY LEMON ASSOCIATION # (Continued)

U001579523

WDS:

Facility ID: 4 56I016655
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: Not reported
Facility Contact: Tessa Godinez
Agency Name: SATICOY LEMON ASSOCIATION
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 174
SIC Code 2: Not reported
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste: STORMS
Waste Type2: Not reported
Waste2: Stormwater Runoff
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
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 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.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

M101 **GIANT TRUCK STOP**
North **540 SESPE AVENUE**
1/8-1/4 **FILLMORE, CA 93015**
0.162 mi.
854 ft. **Site 1 of 3 in cluster M**

HIST UST **U001579456**
 N/A

Relative:
Higher

HIST UST:

Actual:
480 ft.

File Number: 0002C6F0 URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C6F0.pdf Region: STATE Facility ID: 00000024305 Facility Type: Other Other Type: TRUCK STOP Contact Name: DAN SABOVICH Telephone: 8058242433 Owner Name: EAST KERN AIRPORT DISTRICT Owner Address: P.O. BOX 711 Owner City,St,Zip: MOJAVE, CA 93501 Total Tanks: 0008 Tank Num: 001 Container Num: 126 Year Installed: 1942 Tank Capacity: 00025000 Tank Used for: PRODUCT Type of Fuel: DIESEL Container Construction Thickness: 8 Leak Detection: Visual Tank Num: 002 Container Num: 124 Year Installed: 1942 Tank Capacity: 00050000 Tank Used for: PRODUCT Type of Fuel: DIESEL Container Construction Thickness: 8 Leak Detection: Visual Tank Num: 003 Container Num: 123 Year Installed: 1942 Tank Capacity: 00025000 Tank Used for: PRODUCT Type of Fuel: DIESEL Container Construction Thickness: 8 Leak Detection: Visual Tank Num: 004 Container Num: 112 Year Installed: 1942 Tank Capacity: 00050000 Tank Used for: PRODUCT Type of Fuel: DIESEL Container Construction Thickness: 8 Leak Detection: Visual Tank Num: 005 Container Num: 114 Year Installed: 1942

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GIANT TRUCK STOP (Continued)

U001579456

Tank Capacity: 00025000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Container Construction Thickness: 8
 Leak Detection: Visual

Tank Num: 006
 Container Num: 113
 Year Installed: 1942
 Tank Capacity: 00050000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 8
 Leak Detection: Visual

Tank Num: 007
 Container Num: 125
 Year Installed: 1942
 Tank Capacity: 00050000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 8
 Leak Detection: Visual

Tank Num: 008
 Container Num: 111
 Year Installed: 1942
 Tank Capacity: 00050000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 8
 Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

N102
East
1/8-1/4
0.164 mi.
864 ft.

DELAROSA EXXON
423 W VENTURA ST
FILLMORE, CA 93015
Site 1 of 9 in cluster N

HIST UST **U001579429**
N/A

Relative:
Higher

HIST UST:
 File Number: Not reported
 URL: Not reported
 Region: STATE
 Facility ID: 00000051873
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: JUAN DELAROSA
 Telephone: 8055240368
 Owner Name: MARTIN V SMITH
 Owner Address: 500 ESPLANADE DR
 Owner City,St,Zip: OXNARD, CA 93031
 Total Tanks: 0005

Actual:
459 ft.

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELAROSA EXXON (Continued)

U001579429

Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
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: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00000200
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

N103
East
1/8-1/4
0.164 mi.
864 ft.

SAIF'S FOOD MART
423 VENTURA ST
FILLMORE, CA 93015

Site 2 of 9 in cluster N

LUST
VENTURA CO. BWT
HIST CORTESE

S101305611
N/A

Relative:
Higher

LUST:
Region: STATE
Global Id: T0611149170
Latitude: 34.39731
Longitude: -118.911506
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/20/2005
Lead Agency: VENTURA COUNTY
Case Worker: Not reported

Actual:
459 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAIF'S FOOD MART (Continued)

S101305611

Local Agency: Not reported
RB Case Number: C04023
LOC Case Number: 04023
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0611149170
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611149170
Status: Completed - Case Closed
Status Date: 10/20/2005

Global Id: T0611149170
Status: Open - Case Begin Date
Status Date: 04/22/2004

Global Id: T0611149170
Status: Open - Site Assessment
Status Date: 04/23/2004

Regulatory Activities:

Global Id: T0611149170
Action Type: ENFORCEMENT
Date: 10/28/2005
Action: Closure/No Further Action Letter

Global Id: T0611149170
Action Type: ENFORCEMENT
Date: 01/12/2005
Action: * Historical Enforcement - #2

Global Id: T0611149170
Action Type: ENFORCEMENT
Date: 08/26/2004
Action: * Historical Enforcement - #L01

Global Id: T0611149170
Action Type: ENFORCEMENT
Date: 09/20/2005
Action: * Historical Enforcement - #4

Global Id: T0611149170
Action Type: Other
Date: 04/23/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAIF'S FOOD MART (Continued)

S101305611

Action: Leak Reported

Global Id: T0611149170
Action Type: ENFORCEMENT
Date: 06/23/2005
Action: * No Action

Global Id: T0611149170
Action Type: ENFORCEMENT
Date: 06/28/2005
Action: Staff Letter - #3

Global Id: T0611149170
Action Type: ENFORCEMENT
Date: 01/01/2016
Action: File review

Global Id: T0611149170
Action Type: Other
Date: 04/22/2004
Action: Leak Discovery

Global Id: T0611149170
Action Type: RESPONSE
Date: 10/15/2004
Action: Electronic Reporting Submittal Due

Global Id: T0611149170
Action Type: Other
Date: 04/22/2004
Action: Leak Stopped

Global Id: T0611149170
Action Type: RESPONSE
Date: 09/21/2005
Action: Other Report / Document

Global Id: T0611149170
Action Type: RESPONSE
Date: 10/01/2005
Action: Electronic Reporting Submittal Due

Region: STATE
Global Id: T0611100338
Latitude: 34.39731
Longitude: -118.911506
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/03/1997
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C-88095
LOC Case Number: 88095
File Location: 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

SAIF'S FOOD MART (Continued)

S101305611

Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0611100338
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611100338
Status: Completed - Case Closed
Status Date: 03/03/1997

Global Id: T0611100338
Status: Open - Case Begin Date
Status Date: 07/28/1988

Global Id: T0611100338
Status: Open - Remediation
Status Date: 06/15/1995

Global Id: T0611100338
Status: Open - Remediation
Status Date: 02/15/1997

Global Id: T0611100338
Status: Open - Site Assessment
Status Date: 07/28/1988

Global Id: T0611100338
Status: Open - Site Assessment
Status Date: 10/31/1988

Global Id: T0611100338
Status: Open - Site Assessment
Status Date: 04/12/1991

Global Id: T0611100338
Status: Open - Site Assessment
Status Date: 04/15/1991

Global Id: T0611100338
Status: Open - Verification Monitoring
Status Date: 12/15/1996

Regulatory Activities:

Global Id: T0611100338
Action Type: ENFORCEMENT
Date: 07/29/1988
Action: * Historical Enforcement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAIF'S FOOD MART (Continued)

S101305611

Global Id: T0611100338
Action Type: Other
Date: 07/28/1988
Action: Leak Reported

Global Id: T0611100338
Action Type: Other
Date: 07/28/1988
Action: Leak Discovery

LUST REG 4:

Region: 4
Regional Board: 04
County: Ventura
Facility Id: C04023
Status: Leak being confirmed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 04023
Case Type: Undefined
Abatement Method Used at the Site: Not reported
Global ID: T0611149170
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: 4/22/2004
Date Leak First Reported: 4/23/2004
Date Leak Record Entered: Not reported
Date Confirmation Began: 4/23/2004
Date Leak Stopped: 4/22/2004
Date Case Last Changed on Database: Not reported
Date the Case was Closed: Not reported
How Leak Discovered: SAS
How Leak Stopped: Other Means
Cause of Leak: Other Cause
Leak Source: Other Source
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): Not reported
Source of Cleanup Funding: Other Source
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
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: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAIF'S FOOD MART (Continued)

S101305611

Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	TOM SAIF	
RP Address:	423 VENTURA ST	
Program:	Not reported	
Lat/Long:	0 / 0	
Local Agency Staff:	DCS	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	
Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-88095	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	88095	
Case Type:	Groundwater	
Abatement Method Used at the Site:	EDVE	
Global ID:	T0611100338	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	EF	
Date Leak Discovered:	7/28/1988	
Date Leak First Reported:	7/28/1988	
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	7/28/1988	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:	Not reported	
Date the Case was Closed:	3/3/1997	
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):	2011.7152641593159976802800894	
Source of Cleanup Funding:	F	
Preliminary Site Assessment Workplan Submitted:	10/31/1988	
Preliminary Site Assessment Began:	4/12/1991	
Pollution Characterization Began:	4/15/1991	
Remediation Plan Submitted:	6/15/1995	
Remedial Action Underway:	2/15/1997	
Post Remedial Action Monitoring Began:	12/15/1996	
Enforcement Action Date:	7/29/1988	
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:	Not reported	

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAIF'S FOOD MART (Continued)

S101305611

GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Organization: Not reported
 Owner Contact: Not reported
 Responsible Party: MARTIN SMITH & ASSOC
 RP Address: Not reported
 Program: LUST
 Lat/Long: 34.3970363 / -1
 Local Agency Staff: EHD
 Beneficial Use: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Suspended: Not reported
 Assigned Name: Not reported
 Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
 Facility ID: 04023
 Status: Case Closed

Region: VENTURA
 Facility ID: 88095
 Status: Case Closed

VENTURA CO. BWT:

Facility ID: HM 3835
 Program: Not reported

Facility ID: HM 1662
 Program: Not reported

Facility ID: FA0006079
 Program: HAZARDOUS WASTE GENERATOR/BUSINESS PLAN/CUPA UNDERGROUND TANKS

HIST CORTESE:

Region: CORTESE
 Facility County Code: 56
 Reg By: LTNKA
 Reg Id: C-88095

N104
East
1/8-1/4
0.164 mi.
864 ft.

FILLMORE ARCO AM/PM
423 VENTURA ST
FILLMORE, CA 93015
Site 3 of 9 in cluster N

SWEEPS UST **S101596318**
HIST UST **N/A**
CA FID UST

Relative:
Higher

SWEEPS UST:
 Status: Active
 Comp Number: 4924
 Number: 9
 Board Of Equalization: Not reported
 Referral Date: 09-30-92
 Action Date: 09-30-92
 Created Date: 02-29-88
 Owner Tank Id: Not reported

Actual:
459 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILLMORE ARCO AM/PM (Continued)

S101596318

SWRCB Tank Id: 56-000-004924-000001
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 4

Status: Active
Comp Number: 4924
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-004924-000002
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 4924
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-004924-000003
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 4924
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-004924-000004
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILLMORE ARCO AM/PM (Continued)

S101596318

Content: Not reported
Number Of Tanks: Not reported

HIST UST:

File Number: 0002CA8D
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002CA8D.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: 56000326
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 423 VENTURA ST
Mailing Address 2: Not reported
Mailing City,St,Zip: FILLMORE 93015
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
N105 East 1/8-1/4 0.164 mi. 864 ft.	SAIFS FOOD MART 423 W VENTURA ST FILLMORE, CA 93015 Site 4 of 9 in cluster N UST: Relative: Higher Facility ID: 056-000-003743 Permitting Agency: VENTURA COUNTY Actual: 459 ft. Latitude: 34.398661 Longitude: -118.910155	UST	U003778488 N/A
N106 East 1/8-1/4 0.164 mi. 864 ft.	SAIFS FOOD MART 423 VENTURA ST FILLMORE, CA 93015 Site 5 of 9 in cluster N UST: Relative: Higher Facility ID: Not reported Permitting Agency: Ventura County Environmental Health Actual: 459 ft. Latitude: 34.39731 Longitude: -118.91151	UST	U004266292 N/A
M107 North 1/8-1/4 0.173 mi. 911 ft.	CITY OF FILLMORE 524 SESPE AVENUE FILLMORE, CA Site 2 of 3 in cluster M VENTURA CO. UST: Relative: Higher Facility ID: D 1377 Facility Status: inactive Actual: 484 ft.	UST	U003697697 N/A
K108 West 1/8-1/4 0.177 mi. 933 ft.	PACIFIC BELL DBA AT & T (KD100) 233 A ST FILLMORE, CA 93015 Site 3 of 6 in cluster K UST: Relative: Lower Facility ID: 056-000-001088 Permitting Agency: VENTURA COUNTY Actual: 445 ft. Latitude: 34.3985548 Longitude: -118.9167813	UST	U003778373 N/A

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

K109 West 1/8-1/4 0.177 mi. 933 ft.	PACIFIC BELL (KD-100) 233 A STREET FILLMORE, CA 93015 Site 4 of 6 in cluster K	HIST UST	S118413737 N/A
--	--	-----------------	--------------------------

Relative: Lower	HIST UST: File Number: 0002CC2B URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002CC2B.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		
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Click here for Geo Tracker PDF:

K110 West 1/8-1/4 0.177 mi. 933 ft.	PACIFIC BELL - (KD100) 233 A ST FILLMORE, CA 93015 Site 5 of 6 in cluster K	UST	U004263861 N/A
--	---	------------	--------------------------

Relative: Lower	UST: Facility ID: FA0005033 Permitting Agency: Ventura County Environmental Health Latitude: 34.39734 Longitude: -118.91807		
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K111 West 1/8-1/4 0.177 mi. 933 ft.	AT&T CALIFORNIA - KD100 233 A ST FILLMORE, CA 93015 Site 6 of 6 in cluster K	RCRA-SQG LUST AST SWEEPS UST HIST UST FINDS ECHO VENTURA CO. BWT HIST CORTESE	1000250756 CAD982522823
--	--	--	--

Relative: Lower	RCRA-SQG: Date form received by agency: 04/13/1989 Facility name: PACIFIC BELL CO PACKER KD100 Facility address: 233 A STREET FILLMORE, CA 93015		
---------------------------	--	--	--

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - KD100 (Continued)

1000250756

EPA ID: CAD982522823
Mailing address: 3020 WILSHIRE BLVD
LOS ANGELES, CA 90010
Contact: ENVIRONMENTAL MANAGER
Contact address: 233 A STREET
FILMORE, CA 93015
Contact country: US
Contact telephone: 213-738-8454
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: PACIFIC BELL
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - KD100 (Continued)

1000250756

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

LUST:

Region: STATE
Global Id: T0611101099
Latitude: 34.3969083
Longitude: -118.9179288
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/12/1996
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C-96030
LOC Case Number: 96030
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0611101099
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611101099
Status: Completed - Case Closed
Status Date: 08/12/1996

Global Id: T0611101099
Status: Open - Case Begin Date
Status Date: 06/02/1996

Global Id: T0611101099
Status: Open - Remediation
Status Date: 06/13/1996

Global Id: T0611101099
Status: Open - Site Assessment
Status Date: 06/10/1996

Global Id: T0611101099
Status: Open - Site Assessment
Status Date: 06/11/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - KD100 (Continued)

1000250756

Global Id: T0611101099
Status: Open - Site Assessment
Status Date: 06/13/1996

Regulatory Activities:

Global Id: T0611101099
Action Type: Other
Date: 06/02/1996
Action: Leak Reported

Global Id: T0611101099
Action Type: Other
Date: 06/02/1996
Action: Leak Discovery

LUST REG 4:

Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-96030
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: 96030
Case Type: Soil
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0611101099
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: 6/2/1996
Date Leak First Reported: 6/2/1996
Date Leak Record Entered: Not reported
Date Confirmation Began: 6/11/1996
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: 8/12/1996
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1189.0539388318800341353116736
Source of Cleanup Funding: F
Preliminary Site Assessment Workplan Submitted: 6/10/1996
Preliminary Site Assessment Began: 6/10/1996
Pollution Characterization Began: 6/13/1996
Remediation Plan Submitted: 6/13/1996
Remedial Action Underway: 6/13/1996
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - KD100 (Continued)

1000250756

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:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	PACIFIC BELL
RP Address:	Not reported
Program:	LUST
Lat/Long:	34.3969083 / -1
Local Agency Staff:	DCS
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

VENTURA CO. LUST:

Region:	VENTURA
Facility ID:	96030
Status:	Case Closed

AST:

Certified Unified Program Agencies:	Not reported
Owner:	Pacific Bell Telephone Company dba AT&T California
Total Gallons:	Not reported
CERSID:	10336771
Facility ID:	FA0005033
Business Name:	PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA
Phone:	(805) 583-6544
Fax:	925-973-0584
Mailing Address:	308 S. Akard Street, Room 1708
Mailing Address City:	Dallas
Mailing Address State:	TX
Mailing Address Zip Code:	75202
Operator Name:	AT&T California
Operator Phone:	(805) 583-6544
Owner Phone:	214-464-2626
Owner Mail Address:	308 S. Akard Street, Room 1708
Owner State:	TX
Owner Zip Code:	75202
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	CAD982522823

SWEEPS UST:

Status:	Active
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - KD100 (Continued)

1000250756

Comp Number: 1650
Number: 9
Board Of Equalization: 44-030846
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-001650-000001
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 1

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000057485
Facility Type: Other
Other Type: SIC 4800
Contact Name: E. J. KOEHLER
Telephone: 4155426758
Owner Name: PACIFIC BELL
Owner Address: 370 THIRD STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94107
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1961
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

FINDS:

Registry ID: 110006480833

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - KD100 (Continued)

1000250756

STATE MASTER

Registry ID: 110055899880

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000250756
Registry ID: 110006480833
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006480833>

VENTURA CO. BWT:

Facility ID: FA0005033
Program: BUSINESS PLAN/ABOVEGROUND PETROLEUM TANKS

HIST CORTESE:

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-96030

N112
East
1/8-1/4
0.181 mi.
954 ft.

HOWARD BROTHERS
422 VENTURA ST.
FILLMORE, CA

UST U001966549
N/A

Site 6 of 9 in cluster N

Relative:
Higher

VENTURA CO. UST:
Facility ID: D 713
Facility Status: inactive

Actual:
462 ft.

N113
East
1/8-1/4
0.181 mi.
954 ft.

HOWARD BROS RANCH
422 VENTURA ST
FILLMORE, CA 93015

HIST UST U001579465
N/A

Site 7 of 9 in cluster N

Relative:
Higher

HIST UST:
File Number: 0002C8AA
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C8AA.pdf>
Region: STATE
Facility ID: 00000031946
Facility Type: Other
Other Type: RANCH
Contact Name: Not reported
Telephone: 8055240743
Owner Name: HOWARD BROS
Owner Address: 552 KENSINGTON DR
Owner City,St,Zip: FILLMORE, CA 93015
Total Tanks: 0002

Actual:
462 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOWARD BROS RANCH (Continued)

U001579465

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000275
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1979
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

M114
North
1/8-1/4
0.187 mi.
985 ft.

FAIRIFIELD VOLUNTEER PETROLEM C
533 SESPE AVENUE
FILLMORE, CA 93015

HIST UST
MED WASTE VENTURA

U001579442
N/A

Site 3 of 3 in cluster M

Relative:
Higher

HIST UST:

Actual:
482 ft.

File Number: 0002C772
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C772.pdf>
Region: STATE
Facility ID: 00000049905
Facility Type: Other
Other Type: Not reported
Contact Name: Not reported
Telephone: 8055241040
Owner Name: FAIRFIELD VOLUNTEER PETROLEM C
Owner Address: 533 SESPE AVENUE
Owner City,St,Zip: FILLMORE, CA 93015
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

MED WASTE VENTURA:

File Id: FA0007890
Permits: - MEDICAL WASTE SMALL QTY GENERATOR RECORDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O115
WNW
1/8-1/4
0.187 mi.
989 ft.

VERIZON WIRELESS - FILLMORE
310 A ST
FILLMORE, CA
Site 1 of 3 in cluster O

AST **S105511658**
VENTURA CO. BWT **N/A**

Relative:
Lower

AST:
Certified Unified Program Agencies: Not reported
Owner: BRENDA HAMPTON-ORTIZ
Total Gallons: Not reported
CERSID: 10331875
Facility ID: FA0004947
Business Name: SUPER SEAL & STRIPE
Phone: (805) 524-7345
Fax: Not reported
Mailing Address: PO BOX 755
Mailing Address City: FILLMORE
Mailing Address State: CA
Mailing Address Zip Code: 93016
Operator Name: BRENDA HAMPTON-ORTIZ
Operator Phone: (805) 524-7345
Owner Phone: (805) 524-7345
Owner Mail Address: PO BOX 755
Owner State: CA
Owner Zip Code: 93016
Owner Country: United States
Property Owner Name: Brenda Hampton-Ortiz
Property Owner Phone: Not reported
Property Owner Mailing Address: P.O. Box 755
Property Owner City: FILLMORE
Property Owner Stat : CA
Property Owner Zip Code: 93016
Property Owner Country: United States
EPAID: CAL000183739

VENTURA CO. BWT:
Facility ID: FA0004947
Program: BUSINESS PLAN/HAZARDOUS WASTE GENERATOR/ABOVEGROUND PETROLEUM TANKS

Facility ID: FA0032455
Program: BUSINESS PLAN

O116
WNW
1/8-1/4
0.187 mi.
989 ft.

ORTIZ BROTHERS
310 A STREET
FILLMORE, CA
Site 2 of 3 in cluster O

UST **U001965642**
N/A

Relative:
Lower

VENTURA CO. UST:
Facility ID: D 1066
Facility Status: inactive

Actual:
453 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

P117 **CHASE BROS.**
WSW **707 W VENTURA ST**
1/8-1/4 **FILLMORE, CA 93015**
0.189 mi.
1000 ft. **Site 1 of 17 in cluster P**

HIST UST **U001579425**
N/A

Relative:
Lower

HIST UST:
 File Number: Not reported
 URL: Not reported
 Region: STATE
 Facility ID: 00000038436
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: GLENN CHASE
 Telephone: 8054874981
 Owner Name: VIRGINIA PURVES C/O BARBARA PU
 Owner Address: 1890 GUIBERSON ROAD
 Owner City,St,Zip: FILLMORE, CA 93015
 Total Tanks: 0003

Actual:
440 ft.

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor

P118 **CHASE BROS**
WSW **707 VENTURA STREET**
1/8-1/4 **FILLMORE, CA 93015**
0.191 mi.
1008 ft. **Site 2 of 17 in cluster P**

HIST UST **S113143624**
HAZNET **N/A**

Relative:
Lower

HIST UST:
 File Number: 0002D11B
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D11B.pdf>
 Region: Not reported
 Facility ID: Not reported
 Facility Type: Not reported
 Other Type: Not reported

Actual:
439 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHASE BROS (Continued)

S113143624

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:](#)

HAZNET:

envid: S113143624
Year: 2009
GEPaid: CAL000309343
Contact: PAUL ROKNIPOUR
Telephone: 6619476202
Mailing Name: Not reported
Mailing Address: 37140 25TH ST E
Mailing City,St,Zip: PALMDALE, CA 935500000
Gen County: Not reported
TSD EPA ID: CAT080025711
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.418
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113143624
Year: 2009
GEPaid: CAL000309343
Contact: PAUL ROKNIPOUR
Telephone: 6619476202
Mailing Name: Not reported
Mailing Address: 37140 25TH ST E
Mailing City,St,Zip: PALMDALE, CA 935500000
Gen County: Not reported
TSD EPA ID: CAT080025711
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.105
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P119
WSW
1/8-1/4
0.191 mi.
1008 ft.

CHASE BROS. DAIRY
707 VENTURA ST.
FILLMORE, CA

Site 3 of 17 in cluster P

UST U001966557
N/A

Relative:
Lower

Actual:
439 ft.

VENTURA CO. UST:
Facility ID: D 721
Facility Status: inactive

P120
WSW
1/8-1/4
0.191 mi.
1008 ft.

CHASE BROTHERS DAIRY
707 VENTURA ST
FILLMORE, CA 93015

Site 4 of 17 in cluster P

LUST S100849094
N/A

Relative:
Lower

Actual:
439 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-86007
Status: Remediation Plan
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 86007
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0611100126
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: LFOR
Date Leak Discovered: 6/1/1986
Date Leak First Reported: 6/1/1986
Date Leak Record Entered: Not reported
Date Confirmation Began: 6/1/1986
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: Not reported
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1454.6859405132110940449875705
Source of Cleanup Funding: F
Preliminary Site Assessment Workplan Submitted: 6/1/1986
Preliminary Site Assessment Began: 10/1/1994
Pollution Characterization Began: 10/1/1994
Remediation Plan Submitted: 10/15/1995
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: 9/18/1997
Hist Max MTBE Conc in Groundwater: 2400
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHASE BROTHERS DAIRY (Continued)

S100849094

GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Organization: Not reported
 Owner Contact: Not reported
 Responsible Party: PURVES FAMILY TRUST
 RP Address: Not reported
 Program: LUST
 Lat/Long: 34.3961253 / -1
 Local Agency Staff: EKO
 Beneficial Use: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Suspended: Not reported
 Assigned Name: Not reported
 Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
 Facility ID: 86007
 Status: Case Closed

P121
WSW
1/8-1/4
0.191 mi.
1008 ft.

CHASE BROTHERS DAIRY
707 VENTURA ST
FILLMORE, CA 93015
Site 5 of 17 in cluster P

LUST
VENTURA CO. BWT
HIST CORTESE
S103996431
N/A

Relative:
Lower

LUST:

Region: STATE
 Global Id: T0611100126
 Latitude: 34.3964284967932
 Longitude: -118.918182849884
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 10/01/2005
 Lead Agency: VENTURA COUNTY
 Case Worker: EKO
 Local Agency: VENTURA COUNTY
 RB Case Number: C86007
 LOC Case Number: 86007
 File Location: Not reported
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

Actual:
439 ft.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0611100126
 Contact Type: Regional Board Caseworker
 Contact Name: DANIEL PIROTTON
 Organization Name: LOS ANGELES RWQCB (REGION 4)
 Address: Not reported
 City: R4 UNKNOWN
 Email: dpirotton@waterboards.ca.gov
 Phone Number: 2135766714

Global Id: T0611100126

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHASE BROTHERS DAIRY (Continued)

S103996431

Contact Type: Local Agency Caseworker
Contact Name: ERIN K. O'CONNELL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE
City: VENTURA
Email: erin.oconnell@ventura.org
Phone Number: Not reported

Status History:

Global Id: T0611100126
Status: Completed - Case Closed
Status Date: 10/01/2005

Global Id: T0611100126
Status: Open - Case Begin Date
Status Date: 06/01/1986

Global Id: T0611100126
Status: Open - Remediation
Status Date: 10/15/1995

Global Id: T0611100126
Status: Open - Remediation
Status Date: 04/05/2000

Global Id: T0611100126
Status: Open - Remediation
Status Date: 07/26/2000

Global Id: T0611100126
Status: Open - Remediation
Status Date: 11/14/2003

Global Id: T0611100126
Status: Open - Site Assessment
Status Date: 06/01/1986

Global Id: T0611100126
Status: Open - Site Assessment
Status Date: 10/01/1994

Global Id: T0611100126
Status: Open - Verification Monitoring
Status Date: 09/24/2004

Regulatory Activities:

Global Id: T0611100126
Action Type: ENFORCEMENT
Date: 12/31/2003
Action: * Historical Enforcement - #33

Global Id: T0611100126
Action Type: ENFORCEMENT
Date: 10/29/2003
Action: * Historical Enforcement - #32

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHASE BROTHERS DAIRY (Continued)

S103996431

Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	10/23/2002
Action:	* Historical Enforcement - #28
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	04/28/2003
Action:	* Historical Enforcement - #29
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	08/12/2003
Action:	* Historical Enforcement - #30
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	09/29/2003
Action:	* Historical Enforcement - #31
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	06/19/2000
Action:	* Historical Enforcement - #21
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	12/23/1999
Action:	* Historical Enforcement - #20
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	09/22/2000
Action:	* Historical Enforcement - #23
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	07/05/2002
Action:	* Historical Enforcement - #26
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	01/21/2005
Action:	* Historical Enforcement - #34
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	08/28/2002
Action:	* Historical Enforcement - #27
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	03/28/2005
Action:	Technical Correspondence / Assistance / Other - #36
Global Id:	T0611100126
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHASE BROTHERS DAIRY (Continued)

S103996431

Date: 05/05/2005
Action: * Historical Enforcement - #36

Global Id: T0611100126
Action Type: ENFORCEMENT
Date: 03/28/2005
Action: Technical Correspondence / Assistance / Other - #35

Global Id: T0611100126
Action Type: Other
Date: 06/01/1986
Action: Leak Reported

Global Id: T0611100126
Action Type: ENFORCEMENT
Date: 06/22/2000
Action: Technical Correspondence / Assistance / Other

Global Id: T0611100126
Action Type: RESPONSE
Date: 07/31/2000
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0611100126
Action Type: ENFORCEMENT
Date: 05/10/2005
Action: Petition Submitted for Review

Global Id: T0611100126
Action Type: Other
Date: 06/01/1986
Action: Leak Discovery

Global Id: T0611100126
Action Type: ENFORCEMENT
Date: 03/02/2001
Action: * Historical Enforcement - #24

Global Id: T0611100126
Action Type: ENFORCEMENT
Date: 09/01/2000
Action: * Historical Enforcement - #22

Global Id: T0611100126
Action Type: ENFORCEMENT
Date: 04/23/2002
Action: * Historical Enforcement - #25

Global Id: T0611100126
Action Type: RESPONSE
Date: 02/29/2000
Action: Well Installation Report

Global Id: T0611100126
Action Type: RESPONSE
Date: 04/30/2000
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHASE BROTHERS DAIRY (Continued)

S103996431

Global Id: T0611100126
Action Type: RESPONSE
Date: 07/30/2000
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 10/30/2000
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 01/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 04/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 07/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 10/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 01/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 04/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 07/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 10/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHASE BROTHERS DAIRY (Continued)

S103996431

Date: 04/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 07/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 10/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 07/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 11/07/2003
Action: Electronic Reporting Submittal Due

Global Id: T0611100126
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 07/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611100126
Action Type: RESPONSE
Date: 10/30/2004
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHASE BROTHERS DAIRY (Continued)

S103996431

Global Id:	T0611100126
Action Type:	RESPONSE
Date:	01/30/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0611100126
Action Type:	RESPONSE
Date:	11/14/2003
Action:	Remedial Progress Report
Global Id:	T0611100126
Action Type:	RESPONSE
Date:	01/15/2004
Action:	Soil and Water Investigation Report
Global Id:	T0611100126
Action Type:	RESPONSE
Date:	09/30/2000
Action:	Interim Remedial Action Report
Global Id:	T0611100126
Action Type:	RESPONSE
Date:	10/31/2000
Action:	Unknown
Global Id:	T0611100126
Action Type:	RESPONSE
Date:	02/29/2000
Action:	Final Remedial Action Report / Corrective Action Report
Global Id:	T0611100126
Action Type:	RESPONSE
Date:	01/30/2000
Action:	Monitoring Report - Quarterly
Global Id:	T0611100126
Action Type:	RESPONSE
Date:	07/31/2000
Action:	Sensitive Receptor Survey Report
Global Id:	T0611100126
Action Type:	RESPONSE
Date:	10/31/2000
Action:	Unknown
Global Id:	T0611100126
Action Type:	ENFORCEMENT
Date:	10/01/2005
Action:	Closure/No Further Action Letter
Global Id:	T0611100126
Action Type:	Other
Date:	06/01/1986
Action:	Leak Stopped
Global Id:	T0611100126
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHASE BROTHERS DAIRY (Continued)

S103996431

Date: 03/11/2005
Action: Other Report / Document

VENTURA CO. BWT:

Facility ID: BP 2215
Program: Not reported

Facility ID: HM 3553
Program: Not reported

Facility ID: HM 1669
Program: Not reported

Facility ID: FA0006318
Program: ABOVEGROUND PETROLEUM TANKS/BUSINESS PLAN/HAZARDOUS WASTE GENERATOR

HIST CORTESE:

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-86007

P122
WSW
1/8-1/4
0.191 mi.
1008 ft.

CHASE BROS. DAIRY #11
707 VENTURA ST
FILLMORE, CA
Site 6 of 17 in cluster P

SWEEPS UST **S101596312**
CA FID UST **N/A**

Relative:
Lower

SWEEPS UST:

Status: Active
Comp Number: 1390
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-001390-000001
Tank Status: A
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 3

Actual:
439 ft.

Status: Active
Comp Number: 1390
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-001390-000002
Tank Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHASE BROS. DAIRY #11 (Continued)

S101596312

Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 1390
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-001390-000003
Tank Status: A
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 56000217
Regulated By: UTNKA
Regulated ID: 38436
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 707 VENTURA ST
Mailing Address 2: Not reported
Mailing City,St,Zip: FILLMORE
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

P123
WSW
1/8-1/4
0.195 mi.
1029 ft.

JIFFY LUBE # 3265
707 VENTURA ST
FILLMORE, CA 93015
Site 7 of 17 in cluster P

AST A100421161
N/A

Relative:
Lower

AST:

Actual:
440 ft.

Certified Unified Program Agencies: Not reported
Owner: PAUL ROKNIPOUR
Total Gallons: Not reported
CERSID: 10501426
Facility ID: Not reported
Business Name: Matt Ty Inc. Roknipour Inc.
Phone: (805) 524-3435

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JIFFY LUBE # 3265 (Continued)

A100421161

Fax: Not reported
 Mailing Address: 28041 SMYTH DRIVE
 Mailing Address City: VALENCIA
 Mailing Address State: CA
 Mailing Address Zip Code: 91355
 Operator Name: PAUL ROKNIPOUR
 Operator Phone: 6612702371
 Owner Phone: (661) 947-6202
 Owner Mail Address: 28041 SMYTH DRIVE
 Owner State: CA
 Owner Zip Code: 91355
 Owner Country: United States
 Property Owner Name: Not reported
 Property Owner Phone: Not reported
 Property Owner Mailing Address: Not reported
 Property Owner City: Not reported
 Property Owner Stat : Not reported
 Property Owner Zip Code: Not reported
 Property Owner Country: Not reported
 EPAID: CAL000309343

P124
WSW
1/8-1/4
0.195 mi.
1029 ft.

FILLMORE CHEVRON
704 W VENTURA ST
FILLMORE, CA 93015
Site 8 of 17 in cluster P

UST U004270886
N/A

Relative:
Lower

Actual:
437 ft.

UST:
 Facility ID: FA0005207
 Permitting Agency: Ventura County Environmental Health
 Latitude: 34.39576
 Longitude: -118.91801

P125
WSW
1/8-1/4
0.195 mi.
1029 ft.

97983
704 W VENTURA ST
FILLMORE, CA 93015
Site 9 of 17 in cluster P

HIST UST U001579403
VENTURA CO. BWT N/A

Relative:
Lower

Actual:
437 ft.

HIST UST:
 File Number: Not reported
 URL: Not reported
 Region: STATE
 Facility ID: 00000063056
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: BROWN,ROBERT L.
 Telephone: 8055242157
 Owner Name: CHEVRON U.S.A. INC.
 Owner Address: 575 MARKET
 Owner City,St,Zip: SAN FRANCISCO, CA 94105
 Total Tanks: 0005

 Tank Num: 001
 Container Num: 1
 Year Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

97983 (Continued)

U001579403

Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000370
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000370
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000370
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000370
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 0000370
Leak Detection: Stock Inventor

VENTURA CO. BWT:

Facility ID: FA0005207
Program: CUPA UNDERGROUND TANKS/HAZARDOUS WASTE GENERATOR/BUSINESS PLAN

P126
WSW
1/8-1/4
0.195 mi.
1029 ft.

CHEVRON 97983
704 W VENTURA ST.
FILMORE, CA 93015
Site 10 of 17 in cluster P

RCRA-LQG 1006805028
CAR000119941

Relative:
Lower

RCRA-LQG:
Date form received by agency: 02/19/2008
Facility name: CHEVRON 97983
Facility address: 704 W VENTURA ST.
FILMORE, CA 93015

Actual:
437 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 97983 (Continued)

1006805028

EPA ID: CAR000119941
Mailing address: PO BOX 6004
SAN RAMON, CA 94583
Contact: KATHY L NORRIS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 925-842-5931
Contact email: NAWTDESK@CHEVRON.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CHEVRON PRODUCTS CO.
Owner/operator address: PO BOX 6004
SAN RAMON, CA 94583
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/08/1971
Owner/Op end date: Not reported

Owner/operator name: CHEVRON PRODUCTS CO.
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/08/1971
Owner/Op end date: Not reported

Owner/operator name: CHEVRON PRODUCTS CO
Owner/operator address: P O BOX 6004
SAN RAMON, CA 94583
Owner/operator country: Not reported
Owner/operator telephone: 925-842-5931
Owner/operator email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 97983 (Continued)

1006805028

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Historical Generators:

Date form received by agency: 05/16/2002
Site name: CHEVRON STATION NO 97983
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

P127 CHEVRON STATION #97983
WSW 704 W VENTURA ST
1/8-1/4 FILLMORE, CA 93015
0.195 mi.
1029 ft. Site 11 of 17 in cluster P

UST U004263127
N/A

Relative: UST:
Lower Facility ID: Not reported
Permitting Agency: Ventura County Environmental Health
Actual: Latitude: 34.39576
437 ft. Longitude: -118.91801

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

P128 WSW 1/8-1/4 0.195 mi. 1032 ft.	CHEVRON #9-7983 704 VENTURA ST FILLMORE, CA Site 12 of 17 in cluster P Relative: VENTURA CO. LUST: Lower Region: VENTURA Facility ID: 96026 Actual: Status: Post remedial action monitoring 437 ft.	LUST S105974916 N/A
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P129 WSW 1/8-1/4 0.195 mi. 1032 ft.	CHEVRON #9-7983 704 VENTURA ST FILLMORE, CA 93015 Site 13 of 17 in cluster P Relative: LUST REG 4: Lower Region: 4 Regional Board: 04 Actual: County: Ventura 437 ft. Facility Id: C-88153 Status: Case Closed Substance: Waste Oil Substance Quantity: Not reported Local Case No: 88153 Case Type: Soil Abatement Method Used at the Site: Not reported Global ID: T0611100384 W Global ID: Not reported Staff: UNK Local Agency: 56000L Cross Street: Not reported Enforcement Type: EF Date Leak Discovered: 10/26/1988 Date Leak First Reported: 10/26/1988 Date Leak Record Entered: Not reported Date Confirmation Began: 10/26/1988 Date Leak Stopped: Not reported Date Case Last Changed on Database: Not reported Date the Case was Closed: 8/28/1991 How Leak Discovered: Not reported How Leak Stopped: Not reported Cause of Leak: Not reported Leak Source: Not reported Operator: Not reported Water System: Not reported Well Name: Not reported Approx. Dist To Production Well (ft): 1375.3375631027904385690246815 Source of Cleanup Funding: F Preliminary Site Assessment Workplan Submitted: 10/26/1988 Preliminary Site Assessment Began: Not reported Pollution Characterization Began: Not reported Remediation Plan Submitted: Not reported Remedial Action Underway: Not reported Post Remedial Action Monitoring Began: Not reported Enforcement Action Date: 10/26/1988 Historical Max MTBE Date: Not reported Hist Max MTBE Conc in Groundwater: Not reported Hist Max MTBE Conc in Soil: Not reported	LUST S105974917 N/A
--	---	---

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-7983 (Continued)

S105974917

Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CHEVRON
RP Address:	Not reported
Program:	LUST
Lat/Long:	34.3963493 / -1
Local Agency Staff:	EHD
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported
Region:	4
Regional Board:	04
County:	Ventura
Facility Id:	C96026
Status:	Pollution Characterization
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	96026
Case Type:	Groundwater
Abatement Method Used at the Site:	EDVS
Global ID:	T0611101095
W Global ID:	Not reported
Staff:	UNK
Local Agency:	56000L
Cross Street:	Not reported
Enforcement Type:	LFOR
Date Leak Discovered:	12/3/1995
Date Leak First Reported:	12/5/1995
Date Leak Record Entered:	Not reported
Date Confirmation Began:	6/13/1996
Date Leak Stopped:	12/4/1995
Date Case Last Changed on Database:	Not reported
Date the Case was Closed:	Not reported
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	1511.7123346367525538749866343
Source of Cleanup Funding:	F
Preliminary Site Assessment Workplan Submitted:	10/30/1995
Preliminary Site Assessment Began:	6/9/1998
Pollution Characterization Began:	1/12/1999
Remediation Plan Submitted:	6/9/1998
Remedial Action Underway:	11/16/1995
Post Remedial Action Monitoring Began:	6/9/1998
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	8/21/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-7983 (Continued)

S105974917

Hist Max MTBE Conc in Groundwater: 280
Hist Max MTBE Conc in Soil: 1
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: =
Soil Qualifier: <
Organization: Not reported
Owner Contact: Not reported
Responsible Party: CHEVRON USA PRODUCTS COMPANY
RP Address: Not reported
Program: LUST
Lat/Long: 34.39598118 / -1
Local Agency Staff: EKO
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
Facility ID: 88153
Status: Case Closed

P130 **CHEVRON #97983**
WSW **704 VENTURA ST**
1/8-1/4 **FILLMORE, CA 93015**
0.195 mi.
1032 ft. **Site 14 of 17 in cluster P**

UST **U003938825**
N/A

Relative: UST:
Lower Facility ID: 056-000-001595
Permitting Agency: VENTURA COUNTY
Actual: Latitude: 34.3969566
437 ft. Longitude: -118.91664

P131 **ROBERT LEWIS BROWN INC**
WSW **704 VENTURA ST**
1/8-1/4 **FILLMORE, CA 93015**
0.195 mi.
1032 ft. **Site 15 of 17 in cluster P**

RCRA-SQG **1000685907**
FINDS **CAD983628413**
ECHO

Relative: RCRA-SQG:
Lower Date form received by agency: 04/01/1992
Facility name: ROBERT LEWIS BROWN INC
Actual: Facility address: 704 VENTURA ST
437 ft. FILLMORE, CA 93015
EPA ID: CAD983628413
Contact: ROBERT BROWN
Contact address: 704 VENTURA ST
FILLMORE, CA 93015
Contact country: US
Contact telephone: 805-524-2157
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERT LEWIS BROWN INC (Continued)

1000685907

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CHEVRON USA INC
Owner/operator address: 1300 S BEACH BLVD
LA HABRA, CA 90632
Owner/operator country: Not reported
Owner/operator telephone: 310-694-7300
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002872650

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERT LEWIS BROWN INC (Continued)

1000685907

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000685907
Registry ID: 110002872650
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002872650>

P132
WSW
1/8-1/4
0.195 mi.
1032 ft.

CHEVRON #97983
704 VENTURA ST
FILLMORE, CA 93015
Site 16 of 17 in cluster P

SWEEPS UST
HIST UST
CA FID UST
S101703462
N/A

Relative:
Lower

SWEEPS UST:

Status: Active
Comp Number: 953
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-000953-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 4

Actual:
437 ft.

Status: Active
Comp Number: 953
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-000953-000002
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 953
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #97983 (Continued)

S101703462

Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-000953-000003
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 953
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-000953-000004
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

HIST UST:

File Number: 0002C5B0
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C5B0.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: 56002852
Regulated By: UTNKA
Regulated ID: 63056

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #97983 (Continued)

S101703462

Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 704 VENTURA ST
Mailing Address 2: Not reported
Mailing City,St,Zip: FILLMORE 93015
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

**P133
WSW
1/8-1/4
0.195 mi.
1032 ft.**

**CHEVRON SS #7983
704 VENTURA
FILLMORE, CA 93015
Site 17 of 17 in cluster P**

**LUST
VENTURA CO. BWT
HIST CORTESE**

**S104752478
N/A**

**Relative:
Lower**

LUST:

Region: STATE
Global Id: T0611101095
Latitude: 34.39598118
Longitude: -118.9179098
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/01/2009
Lead Agency: VENTURA COUNTY
Case Worker: GLT
Local Agency: VENTURA COUNTY
RB Case Number: 96026
LOC Case Number: 96026
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

**Actual:
437 ft.**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0611101095
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0611101095
Contact Type: Local Agency Caseworker
Contact Name: GINA TERESA
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVENUE
City: VENTURA
Email: gina.teresa@ventura.org

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Phone Number: Not reported

Status History:

Global Id: T0611101095
Status: Completed - Case Closed
Status Date: 12/01/2009

Global Id: T0611101095
Status: Open - Case Begin Date
Status Date: 10/30/1995

Global Id: T0611101095
Status: Open - Remediation
Status Date: 11/16/1995

Global Id: T0611101095
Status: Open - Remediation
Status Date: 06/09/1998

Global Id: T0611101095
Status: Open - Site Assessment
Status Date: 10/30/1995

Global Id: T0611101095
Status: Open - Site Assessment
Status Date: 06/13/1996

Global Id: T0611101095
Status: Open - Site Assessment
Status Date: 08/12/1996

Global Id: T0611101095
Status: Open - Site Assessment
Status Date: 06/09/1998

Global Id: T0611101095
Status: Open - Site Assessment
Status Date: 01/12/1999

Global Id: T0611101095
Status: Open - Verification Monitoring
Status Date: 06/09/1998

Global Id: T0611101095
Status: Open - Verification Monitoring
Status Date: 09/30/2005

Regulatory Activities:

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 09/17/2009
Action: Staff Letter - #42

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 12/01/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Action: Closure/No Further Action Letter

Global Id: T0611101095
Action Type: RESPONSE
Date: 07/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 11/26/2003
Action: * Historical Enforcement - #25

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 05/12/1999
Action: * Historical Enforcement - #13

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 01/24/2000
Action: * Historical Enforcement - #14

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 05/02/2000
Action: * Historical Enforcement - #15

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 08/08/2000
Action: * Historical Enforcement - #17

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 08/10/2000
Action: * Historical Enforcement - #18

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 03/01/2001
Action: * Historical Enforcement - #20

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 08/22/2001
Action: * Historical Enforcement - #21

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 04/09/2002
Action: * Historical Enforcement - #22

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 11/18/2002
Action: * Historical Enforcement - #24

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 09/17/2002
Action: * Historical Enforcement - #23

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 06/18/1996
Action: Notice of Responsibility - #1

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 06/18/1996
Action: * Historical Enforcement - #2

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 04/10/1997
Action: * Historical Enforcement - #6

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 06/29/1998
Action: * Historical Enforcement - #8

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 11/05/1998
Action: File review - #10

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 04/01/1999
Action: * Historical Enforcement - #12

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 08/05/2004
Action: * Historical Enforcement - #26

Global Id: T0611101095
Action Type: RESPONSE
Date: 09/18/2006
Action: Other Report / Document

Global Id: T0611101095
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Date: 06/30/2006
Action: Electronic Reporting Submittal Due

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 04/21/2005
Action: * Historical Enforcement - #28

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 06/07/2005
Action: * Historical Enforcement - #29

Global Id: T0611101095
Action Type: Other
Date: 12/05/1995
Action: Leak Reported

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 07/28/2005
Action: * Historical Enforcement - #30

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 11/22/2005
Action: * Historical Enforcement - #31

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 12/18/2006
Action: Technical Correspondence / Assistance / Other - #34

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 01/11/2007
Action: Technical Correspondence / Assistance / Other - #35

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 06/19/2006
Action: Technical Correspondence / Assistance / Other - #32

Global Id: T0611101095
Action Type: RESPONSE
Date: 11/20/2009
Action: Well Destruction Report

Global Id: T0611101095
Action Type: RESPONSE
Date: 07/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 01/30/2001
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Global Id:	T0611101095
Action Type:	RESPONSE
Date:	10/30/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	07/30/1999
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	07/30/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	01/31/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	REMEDIATION
Date:	10/25/1995
Action:	Excavation
Global Id:	T0611101095
Action Type:	ENFORCEMENT
Date:	08/31/2006
Action:	Technical Correspondence / Assistance / Other - #33
Global Id:	T0611101095
Action Type:	ENFORCEMENT
Date:	03/18/2008
Action:	Technical Correspondence / Assistance / Other - #39
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	01/30/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	ENFORCEMENT
Date:	07/05/2007
Action:	Technical Correspondence / Assistance / Other - #36
Global Id:	T0611101095
Action Type:	ENFORCEMENT
Date:	10/31/2007
Action:	Technical Correspondence / Assistance / Other - #38
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	10/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Date: 11/17/1998
Action: * Historical Enforcement - #11

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 08/22/2000
Action: * Historical Enforcement - #19

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 06/18/1996
Action: * Historical Enforcement - #3

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 08/05/1997
Action: * Historical Enforcement - #7

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 01/10/2005
Action: * Historical Enforcement - #27

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 12/04/1996
Action: * Historical Enforcement - #5

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 10/29/1998
Action: LOP Case Closure Summary to RB - #9

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 08/20/2007
Action: Technical Correspondence / Assistance / Other - #37

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 09/04/2008
Action: Staff Letter - #40

Global Id: T0611101095
Action Type: Other
Date: 12/03/1995
Action: Leak Discovery

Global Id: T0611101095
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 04/30/2003
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Global Id:	T0611101095
Action Type:	RESPONSE
Date:	07/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	10/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	08/04/1999
Action:	Soil and Water Investigation Report
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	12/22/1999
Action:	Other Report / Document
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	05/31/2000
Action:	Other Report / Document
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	08/08/2000
Action:	Other Workplan
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	09/30/2000
Action:	Soil and Water Investigation Report
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	10/30/2000
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	04/30/2001
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	07/30/2001
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	10/30/2001
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Date: 01/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 04/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 07/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 12/09/2002
Action: Other Report / Document

Global Id: T0611101095
Action Type: RESPONSE
Date: 06/25/1999
Action: Other Report / Document

Global Id: T0611101095
Action Type: RESPONSE
Date: 08/13/1996
Action: Soil and Water Investigation Workplan

Global Id: T0611101095
Action Type: RESPONSE
Date: 01/31/1997
Action: Soil and Water Investigation Report

Global Id: T0611101095
Action Type: RESPONSE
Date: 07/02/1997
Action: Soil and Water Investigation Report

Global Id: T0611101095
Action Type: RESPONSE
Date: 10/30/1997
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 01/30/1998
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 04/30/1998
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 07/30/1998
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Global Id:	T0611101095
Action Type:	RESPONSE
Date:	10/30/1998
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	01/30/1999
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	07/30/1998
Action:	Other Report / Document
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	09/30/1998
Action:	Other Report / Document
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	01/14/1998
Action:	Soil and Water Investigation Workplan
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	06/30/1999
Action:	Soil and Water Investigation Report
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	04/30/1999
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	10/30/1999
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	01/30/2000
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	04/30/2000
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE
Date:	07/30/2000
Action:	Monitoring Report - Quarterly
Global Id:	T0611101095
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Date: 10/31/2002
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 12/09/2002
Action: Sensitive Receptor Survey Report

Global Id: T0611101095
Action Type: RESPONSE
Date: 12/09/2002
Action: Soil and Water Investigation Report

Global Id: T0611101095
Action Type: RESPONSE
Date: 07/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 02/23/2009
Action: File review

Global Id: T0611101095
Action Type: RESPONSE
Date: 12/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 06/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: ENFORCEMENT
Date: 07/07/2009
Action: LOP Case Closure Summary to RB - #41

Global Id: T0611101095
Action Type: Other
Date: 12/04/1995
Action: Leak Stopped

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Global Id: T0611101095
Action Type: RESPONSE
Date: 08/31/2005
Action: Soil and Water Investigation Report

Global Id: T0611101095
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0611101095
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Region: STATE
Global Id: T0611100384
Latitude: 34.395767
Longitude: -118.918012
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/28/1991
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C-88153
LOC Case Number: 88153
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:
Global Id: T0611100384
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:
Global Id: T0611100384
Status: Completed - Case Closed
Status Date: 08/28/1991

Global Id: T0611100384
Status: Open - Case Begin Date

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON SS #7983 (Continued)

S104752478

Status Date: 10/26/1988
Global Id: T0611100384
Status: Open - Site Assessment
Status Date: 10/26/1988

Regulatory Activities:

Global Id: T0611100384
Action Type: Other
Date: 10/26/1988
Action: Leak Reported

Global Id: T0611100384
Action Type: Other
Date: 10/26/1988
Action: Leak Discovery

Global Id: T0611100384
Action Type: ENFORCEMENT
Date: 10/26/1988
Action: * Historical Enforcement

VENTURA CO. BWT:

Facility ID: HM 3552
Program: Not reported

Facility ID: HM 3837
Program: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-96026

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-88153

**Q134
NNE
1/8-1/4
0.196 mi.
1033 ft.**

**HUTCHINS-RANDALL, EDITH
404 CENTRAL AVENUE
FILLMORE, CA
Site 1 of 7 in cluster Q**

**UST U003187572
N/A**

**Relative:
Higher**

VENTURA CO. UST:
Facility ID: D 1120
Facility Status: inactive

**Actual:
487 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N135 **FILLMORE AUTO ELECTRIC**
East **401 VENTURA ST**
1/8-1/4 **FILLMORE, CA 93015**
0.197 mi.
1038 ft. **Site 8 of 9 in cluster N**

HIST UST **S113041998**
HAZNET **N/A**

Relative:
Higher

HIST UST:

File Number: 0002C6BE
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C6BE.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

Actual:
462 ft.

Click here for Geo Tracker PDF:

HAZNET:

envid: S113041998
Year: 1997
GEPID: CAL000049599
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 401 W VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930152027
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .8340
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113041998
Year: 1996
GEPID: CAL000049599
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 401 W VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930152027
Gen County: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILLMORE AUTO ELECTRIC (Continued)

S113041998

TSD EPA ID: CAL000113451
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 2.1266
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113041998
Year: 1996
GEPaid: CAL000049599
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 401 W VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930152027
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 13.3856
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113041998
Year: 1995
GEPaid: CAL000049599
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 401 W VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930152027
Gen County: Not reported
TSD EPA ID: CAL000113451
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 4.1698
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

envid: S113041998
Year: 1994
GEPaid: CAL000049599
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 401 W VENTURA ST
Mailing City,St,Zip: FILLMORE, CA 930152027
Gen County: Not reported
TSD EPA ID: CAL000113451
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILLMORE AUTO ELECTRIC (Continued)

S113041998

Disposal Method: Transfer Station
Tons: 5.6294
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Ventura

[Click this hyperlink](#) while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

N136
East
1/8-1/4
0.197 mi.
1038 ft.

DEWEY L. THOMPSON
401 VENTURA ST.
FILLMORE, CA
Site 9 of 9 in cluster N

UST **U001579430**
HIST UST **N/A**

Relative:
Higher

VENTURA CO. UST:
Facility ID: D 711
Facility Status: inactive

Actual:
462 ft.

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000013865
Facility Type: Other
Other Type: AUTO PARTS STORE
Contact Name: Not reported
Telephone: 8055240811
Owner Name: DEWEY L. THOMPSON
Owner Address: 401 VENTURA ST.
Owner City,St,Zip: FILLMORE, CA 93015
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: 1948
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1948
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: 1948
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: REGULAR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEWEY L. THOMPSON (Continued)

U001579430

Container Construction Thickness: Not reported
Leak Detection: None

**137
NE
1/8-1/4
0.199 mi.
1052 ft.**

**CITY OF FILLMORE-EQUIPMENT YAR
419 MAIN ST (REAR OF CITY HAL
FILLMORE, CA 93015**

**HIST UST U001579427
N/A**

**Relative:
Higher**

HIST UST:

File Number: 0002C5CB
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C5CB.pdf>
Region: STATE
Facility ID: 00000037161
Facility Type: Other
Other Type: EQUIPMENT YARD STORA
Contact Name: SIMON CARRILLO
Telephone: 8055243701
Owner Name: CITY OF FILLMORE
Owner Address: 524 SESPE AVENUE
Owner City,St,Zip: FILLMORE, CA 93015
Total Tanks: 0002

**Actual:
479 ft.**

Tank Num: 001
Container Num: NO. 2
Year Installed: 1956
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: NO. 1
Year Installed: 1956
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

**Q138
North
1/8-1/4
0.201 mi.
1060 ft.**

**TEXACO/CORY BURCH AUTO REPAIR
405 CENTRAL AVE
FILLMORE, CA 93015**

**SWEEPS UST S101596296
CA FID UST N/A**

Site 2 of 7 in cluster Q

**Relative:
Higher**

SWEEPS UST:

Status: Active
Comp Number: 840
Number: 9
Board Of Equalization: 44-030710
Referral Date: 09-30-92
Action Date: 09-30-92

**Actual:
488 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO/CORY BURCH AUTO REPAIR (Continued)

S101596296

Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-000840-000001
Tank Status: A
Capacity: 8000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 3

Status: Active
Comp Number: 840
Number: 9
Board Of Equalization: 44-030710
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-000840-000002
Tank Status: A
Capacity: 8000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 840
Number: 9
Board Of Equalization: 44-030710
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-000840-000003
Tank Status: A
Capacity: 8000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 56000084
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 405 CENTRAL AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: FILLMORE 93015
Contact: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO/CORY BURCH AUTO REPAIR (Continued)

S101596296

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Q139
North
1/8-1/4
0.201 mi.
1060 ft.

TEXACO
405 CENTRAL
FILLMORE, CA 93015
Site 3 of 7 in cluster Q

LUST
VENTURA CO. BWT
HIST CORTESE

S102230234
N/A

Relative:
Higher

LUST:

Actual:
488 ft.

Region: STATE
Global Id: T0611100143
Latitude: 34.4008221
Longitude: -118.9138517
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/31/2013
Lead Agency: VENTURA COUNTY
Case Worker: EKO
Local Agency: VENTURA COUNTY
RB Case Number: C86046
LOC Case Number: 86046
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: BLANK

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0611100143
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0611100143
Contact Type: Local Agency Caseworker
Contact Name: ERIN K. O'CONNELL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE
City: VENTURA
Email: erin.oconnell@ventura.org
Phone Number: Not reported

Status History:

Global Id: T0611100143
Status: Completed - Case Closed
Status Date: 07/31/2013

Global Id: T0611100143

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

S102230234

Status: Open - Case Begin Date
Status Date: 08/13/1986

Global Id: T0611100143
Status: Open - Eligible for Closure
Status Date: 11/14/2012

Global Id: T0611100143
Status: Open - Remediation
Status Date: 01/01/2004

Global Id: T0611100143
Status: Open - Remediation
Status Date: 05/16/2007

Global Id: T0611100143
Status: Open - Remediation
Status Date: 07/18/2007

Global Id: T0611100143
Status: Open - Remediation
Status Date: 09/28/2007

Global Id: T0611100143
Status: Open - Remediation
Status Date: 03/31/2008

Global Id: T0611100143
Status: Open - Site Assessment
Status Date: 09/08/1986

Global Id: T0611100143
Status: Open - Site Assessment
Status Date: 07/01/1988

Global Id: T0611100143
Status: Open - Verification Monitoring
Status Date: 05/05/2005

Global Id: T0611100143
Status: Open - Verification Monitoring
Status Date: 01/31/2012

Regulatory Activities:

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 11/17/2009
Action: File review

Global Id: T0611100143
Action Type: RESPONSE
Date: 06/09/2006
Action: Other Workplan

Global Id: T0611100143
Action Type: RESPONSE
Date: 07/31/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

S102230234

Action: Monitoring Report - Quarterly

Global Id: T0611100143

Action Type: RESPONSE

Date: 12/21/2012

Action: Other Report / Document

Global Id: T0611100143

Action Type: RESPONSE

Date: 01/05/2013

Action: Fact Sheets - Public Participation

Global Id: T0611100143

Action Type: RESPONSE

Date: 10/02/2012

Action: Monitoring Report - Quarterly

Global Id: T0611100143

Action Type: RESPONSE

Date: 09/30/2012

Action: Correspondence

Global Id: T0611100143

Action Type: ENFORCEMENT

Date: 04/28/2003

Action: Notice to Comply

Global Id: T0611100143

Action Type: ENFORCEMENT

Date: 07/21/2003

Action: Notice of Violation - #20

Global Id: T0611100143

Action Type: ENFORCEMENT

Date: 06/07/2002

Action: * Historical Enforcement

Global Id: T0611100143

Action Type: ENFORCEMENT

Date: 03/05/2010

Action: File review

Global Id: T0611100143

Action Type: ENFORCEMENT

Date: 04/20/2010

Action: Staff Letter

Global Id: T0611100143

Action Type: ENFORCEMENT

Date: 06/01/2010

Action: File review

Global Id: T0611100143

Action Type: RESPONSE

Date: 01/31/2007

Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

S102230234

Global Id:	T0611100143
Action Type:	RESPONSE
Date:	05/15/2006
Action:	Other Report / Document
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	09/22/2006
Action:	Other Report / Document
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	05/30/2008
Action:	Electronic Reporting Submittal Due
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	11/09/2012
Action:	Fact Sheets - Public Participation
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	07/31/2013
Action:	Well Destruction Report
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	07/26/2011
Action:	File review
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	12/06/2010
Action:	Staff Letter
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	08/16/2010
Action:	Staff Letter
Global Id:	T0611100143
Action Type:	Other
Date:	08/13/1986
Action:	Leak Reported
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	05/15/2009
Action:	Pilot Study/ Treatability Report
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	05/16/2007
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0611100143
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

S102230234

Date: 10/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0611100143
Action Type: RESPONSE
Date: 09/28/2007
Action: Remedial Progress Report

Global Id: T0611100143
Action Type: RESPONSE
Date: 01/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0611100143
Action Type: RESPONSE
Date: 04/13/2012
Action: Other Workplan - Regulator Responded

Global Id: T0611100143
Action Type: RESPONSE
Date: 04/13/2012
Action: Other Report / Document - Regulator Responded

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 04/12/2006
Action: Technical Correspondence / Assistance / Other - #25

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 12/29/2005
Action: File review

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 05/05/2005
Action: * Historical Enforcement - #22

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 10/11/2006
Action: Technical Correspondence / Assistance / Other - #29

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 04/11/2006
Action: Technical Correspondence / Assistance / Other - #24

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 05/11/2006
Action: Technical Correspondence / Assistance / Other - #27

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 07/17/2006
Action: Technical Correspondence / Assistance / Other - #28

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

S102230234

Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	06/06/2011
Action:	Staff Letter
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	04/29/2011
Action:	File review
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	02/04/2011
Action:	File review
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	10/17/2008
Action:	Remedial Progress Report
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	05/06/2009
Action:	Correspondence
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	04/30/2010
Action:	Monitoring Report - Annually
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	02/09/2009
Action:	Correspondence
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	06/29/2009
Action:	Correspondence
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	06/16/2008
Action:	Remedial Progress Report
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	01/10/2012
Action:	Clean Up Fund - 5-Year Review Summary - Regulator Responded
Global Id:	T0611100143
Action Type:	REMEDIATION
Date:	02/25/2010
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0611100143
Action Type:	REMEDIATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

S102230234

Date: 07/15/2010
Action: Soil Vapor Extraction (SVE)

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 04/19/2006
Action: Technical Correspondence / Assistance / Other - #26

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 10/30/2007
Action: Technical Correspondence / Assistance / Other - #33

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 02/25/2008
Action: Technical Correspondence / Assistance / Other - #34

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 04/03/2007
Action: Technical Correspondence / Assistance / Other - #30

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 01/01/2008
Action: File review

Global Id: T0611100143
Action Type: RESPONSE
Date: 04/30/2011
Action: Monitoring Report - Annually

Global Id: T0611100143
Action Type: RESPONSE
Date: 06/30/2010
Action: Remedial Progress Report

Global Id: T0611100143
Action Type: RESPONSE
Date: 02/12/2010
Action: Correspondence

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 08/16/2007
Action: Technical Correspondence / Assistance / Other - #32

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 04/23/2008
Action: Technical Correspondence / Assistance / Other - #35

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 06/06/2007
Action: Technical Correspondence / Assistance / Other - #31

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

S102230234

Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	02/09/2012
Action:	Staff Letter
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	01/23/2012
Action:	File review
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	03/29/2012
Action:	Staff Letter
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	05/19/2009
Action:	Correspondence
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	08/31/2009
Action:	Other Report / Document
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	05/27/2008
Action:	Technical Correspondence / Assistance / Other - #36
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	09/08/1986
Action:	* Historical Enforcement
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	12/01/2003
Action:	* Historical Enforcement - #21
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	07/31/2013
Action:	Closure/No Further Action Letter
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	09/13/2012
Action:	Staff Letter
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	11/27/2012
Action:	File review
Global Id:	T0611100143
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

S102230234

Date: 10/09/2012
Action: Staff Letter

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 10/30/2012
Action: Site Visit / Inspection / Sampling

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 10/31/2012
Action: Staff Letter

Global Id: T0611100143
Action Type: Other
Date: 08/13/1986
Action: Leak Discovery

Global Id: T0611100143
Action Type: RESPONSE
Date: 02/28/2002
Action: Soil and Water Investigation Report

Global Id: T0611100143
Action Type: RESPONSE
Date: 01/23/2004
Action: Other Report / Document

Global Id: T0611100143
Action Type: RESPONSE
Date: 08/29/2003
Action: Electronic Reporting Submittal Due

Global Id: T0611100143
Action Type: RESPONSE
Date: 10/29/2010
Action: Remedial Progress Report

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 07/21/2008
Action: Staff Letter - #37

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 09/25/2008
Action: Staff Letter - #39

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 09/28/2009
Action: Staff Letter

Global Id: T0611100143
Action Type: RESPONSE
Date: 10/30/2003
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

S102230234

Global Id:	T0611100143
Action Type:	RESPONSE
Date:	08/29/2003
Action:	Other Report / Document
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	07/31/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	07/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	01/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	04/30/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	12/16/2009
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	01/30/2011
Action:	Remedial Progress Report
Global Id:	T0611100143
Action Type:	RESPONSE
Date:	01/12/2011
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	08/29/2008
Action:	Staff Letter - #38
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	04/20/2009
Action:	Staff Letter - #41
Global Id:	T0611100143
Action Type:	ENFORCEMENT
Date:	03/30/2009
Action:	Staff Letter - #40
Global Id:	T0611100143
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

S102230234

Date: 03/28/2013
Action: File Review - Closure

Global Id: T0611100143
Action Type: RESPONSE
Date: 07/29/2011
Action: Remedial Progress Report

Global Id: T0611100143
Action Type: RESPONSE
Date: 07/31/2012
Action: Monitoring Report - Annually

Global Id: T0611100143
Action Type: ENFORCEMENT
Date: 06/04/2009
Action: Staff Letter - #42

Global Id: T0611100143
Action Type: Other
Date: 08/13/1986
Action: Leak Stopped

Global Id: T0611100143
Action Type: RESPONSE
Date: 03/31/2008
Action: Remedial Progress Report

Global Id: T0611100143
Action Type: RESPONSE
Date: 06/29/2012
Action: Site Assessment Report

VENTURA CO. BWT:

Facility ID: HM 2603
Program: Not reported

Facility ID: BP 1871
Program: Not reported

Facility ID: HM 206
Program: Not reported

Facility ID: HM 208
Program: Not reported

Facility ID: FA0006982
Program: BUSINESS PLAN/HAZARDOUS WASTE GENERATOR

HIST CORTESE:

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-86046

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

Q140 **SCOLES, JOHN (TEXACO-C. BURCH)**
North **405 CENTRAL AVENUE**
1/8-1/4 **FILLMORE, CA**
0.201 mi.
1060 ft. **Site 4 of 7 in cluster Q**

UST **U003187573**
 N/A

Relative: VENTURA CO. UST:
Higher Facility ID: D 1112
 Facility Status: inactive

Actual:
488 ft.

Q141 **TEXACO SS - CENTRAL**
North **405 CENTRAL AVE**
1/8-1/4 **FILLMORE, CA 93015**
0.201 mi.
1060 ft. **Site 5 of 7 in cluster Q**

LUST **S102438590**
 N/A

Relative: LUST REG 4:
Higher Region: 4
 Regional Board: 04
Actual: County: Ventura
488 ft. Facility Id: C-86046
 Status: Leak being confirmed
 Substance: Gasoline
 Substance Quantity: Not reported
 Local Case No: 86046
 Case Type: Groundwater
 Abatement Method Used at the Site: Not reported
 Global ID: T0611100143
 W Global ID: Not reported
 Staff: UNK
 Local Agency: 56000L
 Cross Street: Not reported
 Enforcement Type: LFOR
 Date Leak Discovered: 8/13/1986
 Date Leak First Reported: 8/13/1986
 Date Leak Record Entered: Not reported
 Date Confirmation Began: 7/1/1988
 Date Leak Stopped: Not reported
 Date Case Last Changed on Database: Not reported
 Date the Case was Closed: Not reported
 How Leak Discovered: Not reported
 How Leak Stopped: Not reported
 Cause of Leak: Not reported
 Leak Source: Not reported
 Operator: Not reported
 Water System: Not reported
 Well Name: Not reported
 Approx. Dist To Production Well (ft): 898.009857756235112381656061
 Source of Cleanup Funding: F
 Preliminary Site Assessment Workplan Submitted: 9/8/1986
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Remediation Plan Submitted: Not reported
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: Not reported
 Enforcement Action Date: 9/8/1986
 Historical Max MTBE Date: 7/28/2003
 Hist Max MTBE Conc in Groundwater: 0
 Hist Max MTBE Conc in Soil: Not reported
 Significant Interim Remedial Action Taken: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO SS - CENTRAL (Continued)

S102438590

GW Qualifier: ND
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: JOHN SCOLES
RP Address: Not reported
Program: LUST
Lat/Long: 34.4008221 / -1
Local Agency Staff: KCK
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

Q142
North
1/8-1/4
0.201 mi.
1060 ft.

TEXACO SS - CENTRAL
405 CENTRAL AVE
FILLMORE, CA
Site 6 of 7 in cluster Q

LUST S105974814
N/A

Relative:
Higher

VENTURA CO. LUST:
Region: VENTURA
Facility ID: 86046
Status: Remedial action (cleanup) Underway

Actual:
488 ft.

O143
NW
1/8-1/4
0.208 mi.
1096 ft.

HAROLD BALDEN
NW X CENTRAL/HWY 126
FILLMORE, CA 93015
Site 3 of 3 in cluster O

LUST S110655898
N/A

Relative:
Higher

LUST:
Region: STATE
Global Id: T0611100623
Latitude: 34.3993431
Longitude: -118.9181818
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/06/1990
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C-90039
LOC Case Number: 90039
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Actual:
458 ft.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0611100623
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAROLD BALDEN (Continued)

S110655898

Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611100623
Status: Completed - Case Closed
Status Date: 06/06/1990

Global Id: T0611100623
Status: Open - Case Begin Date
Status Date: 03/12/1990

Global Id: T0611100623
Status: Open - Site Assessment
Status Date: 03/12/1990

Regulatory Activities:

Global Id: T0611100623
Action Type: Other
Date: 03/12/1990
Action: Leak Reported

Global Id: T0611100623
Action Type: Other
Date: 03/12/1990
Action: Leak Discovery

Global Id: T0611100623
Action Type: ENFORCEMENT
Date: 03/12/1990
Action: * Historical Enforcement

Q144
North
1/8-1/4
0.208 mi.
1097 ft.

DOROTHY DEFEVER
409 CENTRAL AVENUE
FILLMORE, CA

Site 7 of 7 in cluster Q

Relative:
Higher

VENTURA CO. UST:
Facility ID: D 75
Facility Status: inactive

Actual:
489 ft.

UST U003187574
N/A

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

145
ENE
1/8-1/4
0.210 mi.
1108 ft.

J & J WELDING
365 SANTA CLARA STREET
FILLMORE, CA

UST **U002169401**
 N/A

Relative:
Higher

VENTURA CO. UST:
Facility ID: D 551
Facility Status: inactive

Actual:
474 ft.

R146
SW
1/8-1/4
0.244 mi.
1287 ft.

GRIMES RANCH
722 RIVER ST
FILLMORE, CA 93015

LUST **S100926740**
HIST CORTESE **N/A**

Site 1 of 3 in cluster R

Relative:
Lower

LUST:
Region: STATE
Global Id: T0611100835
Latitude: 34.394267
Longitude: -118.9180586
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/21/1994
Lead Agency: VENTURA COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: C-93003
LOC Case Number: 93003
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Actual:
430 ft.

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0611100835
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T0611100835
Status: Completed - Case Closed
Status Date: 06/21/1994

Global Id: T0611100835
Status: Open - Case Begin Date
Status Date: 01/05/1993

Global Id: T0611100835
Status: Open - Remediation
Status Date: 11/08/1993

Global Id: T0611100835

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRIMES RANCH (Continued)

S100926740

Status: Open - Site Assessment
Status Date: 01/05/1993

Global Id: T0611100835
Status: Open - Site Assessment
Status Date: 01/19/1993

Global Id: T0611100835
Status: Open - Verification Monitoring
Status Date: 11/08/1993

Regulatory Activities:

Global Id: T0611100835
Action Type: Other
Date: 01/05/1993
Action: Leak Reported

Global Id: T0611100835
Action Type: Other
Date: 01/05/1993
Action: Leak Discovery

HIST CORTESE:

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-93003

R147
SW
1/8-1/4
0.244 mi.
1287 ft.

**GRIMES RANCH
722 RIVER ST
FILLMORE, CA 93015**

Site 2 of 3 in cluster R

**LUST S101309949
N/A**

**Relative:
Lower**

LUST REG 4:

Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-93003
Status: Case Closed
Substance: Waste Oil
Substance Quantity: Not reported
Local Case No: 93003
Case Type: Soil
Abatement Method Used at the Site: ETEDCD
Global ID: T0611100835
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Date Leak Discovered: 1/5/1993
Date Leak First Reported: 1/5/1993
Date Leak Record Entered: Not reported
Date Confirmation Began: 1/19/1993
Date Leak Stopped: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRIMES RANCH (Continued)

S101309949

Date Case Last Changed on Database: Not reported
Date the Case was Closed: 6/21/1994
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2098.7853156375796283623830419
Source of Cleanup Funding: F
Preliminary Site Assessment Workplan Submitted: 1/5/1993
Preliminary Site Assessment Began: 1/5/1993
Pollution Characterization Began: 1/5/1993
Remediation Plan Submitted: 11/8/1993
Remedial Action Underway: 11/8/1993
Post Remedial Action Monitoring Began: 11/8/1993
Enforcement Action Date: 1/1/1965
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: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: BANK OF AMERICA
RP Address: Not reported
Program: LUST
Lat/Long: 34.3943954 / -1
Local Agency Staff: EHD
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
Facility ID: 93003
Status: Case Closed

R148
SW
1/8-1/4
0.244 mi.
1287 ft.
BANK OF AMERICA (GRIMES RANCH)
722 RIVER ST
FILLMORE, CA
Site 3 of 3 in cluster R

UST **U002244197**
N/A

Relative: VENTURA CO. UST:
Lower Facility ID: D 1047
Facility Status: inactive

Actual:
430 ft.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

S149 NW 1/8-1/4 0.249 mi. 1314 ft.	FILLMORE UNIF. SCHOOL DIST. 627 SESPE AVENUE FILLMORE, CA Site 1 of 2 in cluster S Relative: VENTURA CO. UST: Higher Facility ID: D 584 Facility Status: inactive Actual: 462 ft.	UST	U002244237 N/A
---	---	------------	---------------------------------

S150 NW 1/8-1/4 0.249 mi. 1314 ft.	FILLMORE UNIFIED SCHOOL DISTRI 627 SESPE AVE FILLMORE, CA 93015 Site 2 of 2 in cluster S Relative: HIST UST: Higher File Number: 0002C797 URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C797.pdf Actual: Region: STATE 462 ft. Facility ID: 00000030532 Facility Type: Other Other Type: PUBLIC SCHOOL DISTRI Contact Name: ROSCOE REYNOLDS Telephone: 8055240280 Owner Name: FILLMORE UNIFIED SCHOOL DISTRI Owner Address: 627 SESPE AVE. Owner City,St,Zip: FILLMORE, CA 93015 Total Tanks: 0004 Tank Num: 001 Container Num: ONE Year Installed: Not reported Tank Capacity: 00001000 Tank Used for: PRODUCT Type of Fuel: DIESEL Container Construction Thickness: Not reported Leak Detection: Visual, Stock Inventor Tank Num: 002 Container Num: TWO Year Installed: Not reported Tank Capacity: 00000500 Tank Used for: PRODUCT Type of Fuel: REGULAR Container Construction Thickness: Not reported Leak Detection: Visual, Stock Inventor Tank Num: 003 Container Num: FOUR Year Installed: Not reported Tank Capacity: 00000500 Tank Used for: PRODUCT Type of Fuel: REGULAR Container Construction Thickness: Not reported Leak Detection: Visual, Stock Inventor Tank Num: 004 Container Num: THREE Year Installed: Not reported	HIST UST VENTURA CO. BWT	U001579451 N/A
---	---	---	---------------------------------

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILLMORE UNIFIED SCHOOL DISTRI (Continued)

U001579451

Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00000750
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

[Click here for Geo Tracker PDF:](#)

VENTURA CO. BWT:

Facility ID: HM 1215
Program: Not reported

Facility ID: BP 2083
Program: Not reported

151
NNW
1/4-1/2
0.288 mi.
1523 ft.

TEXACO - SHIELLS CANYON OIL FIELD
SHIELLS CANYON RD
FILLMORE, CA 93015

SLIC S106485550
N/A

Relative:
Higher

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 03/31/1995
Global Id: SLT43248246
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.4013759189189
Longitude: -118.917853611111
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 0407
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Actual:
470 ft.

[Click here to access the California GeoTracker records for this facility:](#)

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

T152 **AMERICAN MEDICAL RESPONSE**
WNW **743 SESPE PL**
1/4-1/2 **FILLMORE, CA 93015**
0.342 mi.
1804 ft. **Site 1 of 2 in cluster T**

LUST **S103964328**
VENTURA CO. BWT
HIST CORTESE
MED WASTE VENTURA **N/A**

Relative:
Lower

LUST:

Actual:
445 ft.

Region: STATE
 Global Id: T0611100275
 Latitude: 34.4005191
 Longitude: -118.9193249
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 06/08/1989
 Lead Agency: VENTURA COUNTY
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: C-88020
 LOC Case Number: 88020
 File Location: Not reported
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0611100275
 Contact Type: Regional Board Caseworker
 Contact Name: DANIEL PIROTTON
 Organization Name: LOS ANGELES RWQCB (REGION 4)
 Address: Not reported
 City: R4 UNKNOWN
 Email: dpirotton@waterboards.ca.gov
 Phone Number: 2135766714

Status History:

Global Id: T0611100275
 Status: Completed - Case Closed
 Status Date: 06/08/1989

Global Id: T0611100275
 Status: Open - Case Begin Date
 Status Date: 03/09/1988

Global Id: T0611100275
 Status: Open - Remediation
 Status Date: 06/03/1988

Global Id: T0611100275
 Status: Open - Remediation
 Status Date: 05/09/1989

Global Id: T0611100275
 Status: Open - Site Assessment
 Status Date: 06/03/1988

Global Id: T0611100275
 Status: Open - Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN MEDICAL RESPONSE (Continued)

S103964328

Status Date: 07/01/1988

Regulatory Activities:

Global Id: T0611100275
Action Type: Other
Date: 03/09/1988
Action: Leak Reported

Global Id: T0611100275
Action Type: Other
Date: 03/09/1988
Action: Leak Discovery

Global Id: T0611100275
Action Type: ENFORCEMENT
Date: 03/09/1988
Action: * Historical Enforcement

VENTURA CO. BWT:

Facility ID: HM 3295
Program: Not reported

Facility ID: HM 1216
Program: Not reported

Facility ID: BP 2084
Program: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-88020

MED WASTE VENTURA:

File Id: FA0008023
Permits: - MEDICAL WASTE SMALL QTY GENERATOR RECORDS

**T153
WNW
1/4-1/2
0.342 mi.
1804 ft.**

**FILLMORE-PIRU CITRUS
743 SESPE PL
FILLMORE, CA 93015
Site 2 of 2 in cluster T**

**LUST S104164912
N/A**

**Relative:
Lower

Actual:
445 ft.**

LUST REG 4:

Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-88020
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 88020
Case Type: Soil
Abatement Method Used at the Site: EDET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILLMORE-PIRU CITRUS (Continued)

S104164912

Global ID: T0611100275
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: EF
Date Leak Discovered: 3/9/1988
Date Leak First Reported: 3/9/1988
Date Leak Record Entered: Not reported
Date Confirmation Began: 7/1/1988
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: 6/8/1989
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 821.4973085026230323944498949
Source of Cleanup Funding: S
Preliminary Site Assessment Workplan Submitted: 6/3/1988
Preliminary Site Assessment Began: 6/3/1988
Pollution Characterization Began: 6/3/1988
Remediation Plan Submitted: 6/3/1988
Remedial Action Underway: 5/9/1989
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: 3/9/1988
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: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: FILLMORE-PIRU CITRUS
RP Address: Not reported
Program: LUST
Lat/Long: 34.4005191 / -1
Local Agency Staff: EHD
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:

Region: VENTURA
Facility ID: 88020
Status: Case Closed

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

U154 **CITY OF FILLMORE**
ENE **MOUNTAIN VIEW AND MAIN STREET**
1/4-1/2 **FILLMORE, CA 93015**
0.357 mi.
1883 ft. **Site 1 of 3 in cluster U**

SLIC **S109521348**
 N/A

Relative:
Higher

SLIC:

Region: STATE
Facility Status: Open - Inactive
Status Date: 01/30/2015
Global Id: T10000000963
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.4000758060435
Longitude: -118.908333778381
Case Type: Cleanup Program Site
Case Worker: YR
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency Warehouse
Potential Media Affected: Not reported
Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

Actual:
486 ft.

[Click here to access the California GeoTracker records for this facility:](#)

U155 **TOP HAT PARKING LOT**
ENE **297 MAIN ST**
1/4-1/2 **VENTURA, CA 93001**
0.358 mi.
1889 ft. **Site 2 of 3 in cluster U**

LUST **S106802338**
 N/A

Relative:
Higher

LUST:

Region: STATE
Global Id: T0611138604
Latitude: 34.2813241106995
Longitude: -119.296612357147
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/26/2005
Lead Agency: VENTURA COUNTY
Case Worker: DBW
Local Agency: VENTURA COUNTY
RB Case Number: C04040
LOC Case Number: 04040
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Actual:
486 ft.

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0611138604
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOP HAT PARKING LOT (Continued)

S106802338

Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0611138604
Contact Type: Local Agency Caseworker
Contact Name: DIANE B. WAHL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE.
City: VENTURA
Email: diane.wahl@ventura.org
Phone Number: 8056545040

Status History:

Global Id: T0611138604
Status: Completed - Case Closed
Status Date: 08/26/2005

Global Id: T0611138604
Status: Open - Case Begin Date
Status Date: 07/07/2004

Global Id: T0611138604
Status: Open - Site Assessment
Status Date: 07/07/2004

Global Id: T0611138604
Status: Open - Site Assessment
Status Date: 01/01/2005

Regulatory Activities:

Global Id: T0611138604
Action Type: Other
Date: 07/26/2004
Action: Leak Reported

Global Id: T0611138604
Action Type: ENFORCEMENT
Date: 08/26/2005
Action: Closure/No Further Action Letter

Global Id: T0611138604
Action Type: ENFORCEMENT
Date: 01/01/2016
Action: File review

Global Id: T0611138604
Action Type: Other
Date: 07/07/2004
Action: Leak Discovery

VENTURA CO. LUST:

Region: VENTURA
Facility ID: 04040
Status: Case Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U156
ENE
1/4-1/2
0.361 mi.
1906 ft.

BRITZMAN TRUCKING/ DARREN BIRTZMAN
SANTA MARIA STREET, WEST
SANTA PAULA, CA 93060

LUST **S118672061**
N/A

Site 3 of 3 in cluster U

Relative:
Higher

LUST:

Actual:
488 ft.

Region: STATE
Global Id: T10000000964
Latitude: 34.3999781
Longitude: -118.908693
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 03/25/2009
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: DPP
Local Agency: Not reported
RB Case Number: Not reported
LOC Case Number: Not reported
File Location: Local Agency Warehouse
Potential Media Affect: Not reported
Potential Contaminants of Concern: Diesel
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T10000000964
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:

Global Id: T10000000964
Status: Open - Case Begin Date
Status Date: 03/25/2008

Global Id: T10000000964
Status: Open - Referred
Status Date: 03/25/2008

Global Id: T10000000964
Status: Open - Referred
Status Date: 03/25/2009

Global Id: T10000000964
Status: Open - Site Assessment
Status Date: 03/25/2009

Regulatory Activities:

Global Id: T10000000964
Action Type: ENFORCEMENT
Date: 04/08/2009
Action: File review

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

157
ESE
1/4-1/2
0.471 mi.
2488 ft.

MOUNTAIN VISTA ELEMENTARY
LEVEE DRIVE/4TH STREET
FILLMORE, CA 93015

ENVIROSTOR **S104384613**
SCH **N/A**

Relative:
Lower

ENVIROSTOR:

Actual:
434 ft.

Facility ID: 56010008
Status: No Further Action
Status Date: 07/12/2000
Site Code: 300801
Site Type: School Investigation
Site Type Detailed: School
Acres: 12
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 37
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.40666
Longitude: -118.9280
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Arsenic DDD DDE DDT
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: FILLMORE UNIFIED SCH. DIST. MT.VISTA ELE
Alias Type: Alternate Name
Alias Name: FILLMORE UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: FILLMORE USD-MT. VISTA ELEM/VCA
Alias Type: Alternate Name
Alias Name: MOUNTAIN VISTA ELEMENTARY
Alias Type: Alternate Name
Alias Name: 300771
Alias Type: Project Code (Site Code)
Alias Name: 300801
Alias Type: Project Code (Site Code)
Alias Name: 56010008
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: 07/12/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/18/1999
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOUNTAIN VISTA ELEMENTARY (Continued)

S104384613

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 02/23/2000
Comments: PEA WP approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/30/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/05/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 11/15/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/07/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/12/2001
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:

Facility ID: 56010008
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 12
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOUNTAIN VISTA ELEMENTARY (Continued)

S104384613

Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 300801
Assembly: 37
Senate: 19
Special Program Status: Not reported
Status: No Further Action
Status Date: 07/12/2000
Restricted Use: NO
Funding: School District
Latitude: 34.40666
Longitude: -118.9280
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Arsenic, DDD, DDE, DDT
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: FILLMORE UNIFIED SCH. DIST. MT.VISTA ELE
Alias Type: Alternate Name
Alias Name: FILLMORE UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: FILLMORE USD-MT. VISTA ELEM/VCA
Alias Type: Alternate Name
Alias Name: MOUNTAIN VISTA ELEMENTARY
Alias Type: Alternate Name
Alias Name: 300771
Alias Type: Project Code (Site Code)
Alias Name: 300801
Alias Type: Project Code (Site Code)
Alias Name: 56010008
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: 07/12/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/18/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 02/23/2000
Comments: PEA WP approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/30/1999
Comments: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MOUNTAIN VISTA ELEMENTARY (Continued)

S104384613

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Inspections/Visit (Non LUR)
 Completed Date: 08/05/1999
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Voluntary Cleanup Agreement
 Completed Date: 11/15/1999
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Cost Recovery Closeout Memo
 Completed Date: 09/07/1999
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Cost Recovery Closeout Memo
 Completed Date: 07/12/2001
 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

158
 NE
 1/4-1/2
 0.494 mi.
 2607 ft.

FILLMORE UNIFIED SCH.DIST
301 001ST
FILLMORE, CA 93015

HIST CORTESE **S101305617**
N/A

Relative:
Higher

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 56
 Reg By: LTNKA
 Reg Id: C-88034

Actual:
522 ft.

V159
 East
 1/2-1
 0.715 mi.
 3776 ft.

PACIFIC COAST PIPE LINES
67 EAST TELEGRAPH ROAD
FILLMORE, CA 93015
Site 1 of 2 in cluster V

ENVIROSTOR **1006703331**
HIST Cal-Sites **N/A**
DEED
Cortese
NPDES

Relative:
Higher

ENVIROSTOR:
 Facility ID: 56130038
 Status: Active
 Status Date: 07/12/2012

Actual:
466 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Site Code: 300156
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 100
NPL: YES
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Jessy Fierro
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Assembly: 37
Senate: 19
Special Program: EPA - Multi-Site Cooperative Agreement
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.40436
Longitude: -118.9047
APN: 041025011, 041025021
Past Use: MANUFACTURING - PETROLEUM
Potential COC: * UNSPECIFIED SLUDGE WASTE Benzene Methane Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas Vinyl chloride
Confirmed COC: * UNSPECIFIED SLUDGE WASTE Benzene Methane 30019-NO TPH-diesel TPH-gas Vinyl chloride
Potential Description: OTH, SOIL, SV, IA
Alias Name: PACIFIC COAST PIPELINE
Alias Type: Alternate Name
Alias Name: PCPL
Alias Type: Alternate Name
Alias Name: TEXACO - FILLMORE
Alias Type: Alternate Name
Alias Name: TEXACO USA / FILLMORE PUMP STATION
Alias Type: Alternate Name
Alias Name: 041025011
Alias Type: APN
Alias Name: 041025021
Alias Type: APN
Alias Name: CAD980636781
Alias Type: EPA Identification Number
Alias Name: 110009268087
Alias Type: EPA (FRS #)
Alias Name: CAD000631473
Alias Type: HWTS Identification Code
Alias Name: P33045
Alias Type: PCode
Alias Name: 300156
Alias Type: Project Code (Site Code)
Alias Name: 56130038
Alias Type: Envirostor ID Number
Alias Name: <http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/3dec8ba325236842882574260743733/c82aabe3473ca60288257007005e946a!OpenDocument>
Alias Type: External Website Link / URL
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/23/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Comments: Former petroleum refining company currently used as a pump- ing station for the transportation of crude oil from off- shore Ventura County to the metropolitan Los Angeles area. Wastes exist from petroleum refining operations and include various types of hazardous wastes (acids, lead, benzene, ethyl benzene, toluene, and phenol).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/29/1994
Comments: The Final Phase 2 Design for the Texaco Fillmore site is approved by U.S. EPA with DTSC concurrence.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 03/31/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 03/31/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/13/1987
Comments: Site Screening Done: Clean-up started in 1986. Site listed on BEP. Pump station for transportation crude oil. Estimated 35,000 tons of sludge waste including lead, benzene, toluene, ethyl benzene, and phenol. Groundwater and air emmissions contaminated.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/31/1986
Comments: RA: Waste and soil removal.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/16/2006
Comments: Workplan for sampling at former tank areas has been finalized. Field work is planned for the week of March 20, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/23/2006
Comments: Sampling at former tank areas to place from 3/21/06 to 3/23/06.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/28/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Comments: ROD remedy has not reduced the benzene levels in groundwater to the cleanup goals. EPA is evaluating monitored natural attenuation as a remediation alternative.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/26/2007
Comments: DTSC and EPA have accepted the Phase I Sampling Report on the condition that the RPs will address DTSC/EPA comments in the Phase II sampling activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 10/30/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/26/2006
Comments: Soil gas sampling via Direct push has been completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/12/2007
Comments: DTSC reviewed SOW for Phase II sampling and had no comments on the document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/20/2007
Comments: Soil vapor sampling completed at 5 locations on the west alignment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/20/2007
Comments: The Workplan was developed to determine the extent of soil contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 08/31/2007
Comments: Activity is on hold due to city delay in expanding creek.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 09/15/2007
Comments: The Report summarized sampling results from soil vapor monitoring activities.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 07/30/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 11/15/2001
Comments: DTSC's comments on five-year Review Report. a) Existing wells may not be fully monitoring the edges of the benzene Plume. b) Data shows very little attenuation of down gradient benzene Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/19/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/01/2008
Comments: PRP conducted soil and soil vapor sampling to determine extent of shallow contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 03/28/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/01/2008
Comments: Additional soil and soil gas sampling to determine extent of contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/16/2008
Comments: Soil sampling activities of Phase III completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/15/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/20/2009
Comments: Detailed additionally sampling. Agency comments to be address in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

upcoming RI/FS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/13/2009
Comments: DTSC discussed Remedial Action options with Chevron, URS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/14/2010
Comments: DTSC provided comments on the RI/FS report which summarized the sampling activities and proposed remediation alternatives.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 06/06/2011
Comments: The Proposed Plan describes cleanup alternatives for the PCPL Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Amendment
Completed Date: 09/29/2011
Comments: DTSC has accepted the ROD which describes five soil and groundwater alternatives.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 06/25/2010
Comments: DTSC reviewed monitoring report summarizing groundwater data.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 11/28/2011
Comments: DTSC provided comments on the 5 Year Report. The Amended ROD will address the remaining contaminants at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2012
Comments: Groundwater on-going. LNAPL continues to be recovered in this quarter.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 05/11/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Completed Date: 05/09/2013
Comments: The Design Workplan describes the details of the proposed soil remediation activities: excavation and consolidation of contaminated soil and installation of cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 08/07/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/23/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 08/11/1993
Comments: Final Consent Decree signed by the U.S. District Court Judge on August 10, 1993 and entered on August 11, 1993.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Order
Completed Date: 04/10/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Order
Completed Date: 03/05/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 11/30/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/12/1983
Comments: Facility Identified: ERRIS.

Completed Area Name: Soil
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/19/2016
Comments: Land Use Covenant for site soil has been recorded by Ventura County. The restricted parcels cannot be used for residence, hospital, school, or daycare.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/30/2013
Comments: DTSC accepted the groundwater monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2014
Comments: DTSC reviewed and accepted monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/10/2014
Comments: Not reported

Completed Area Name: Soil
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/30/2015
Comments: Not reported

Completed Area Name: Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 10/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Manual
Completed Date: 12/18/2014
Comments: Not reported

Completed Area Name: Soil
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 10/28/2016
Comments: DTSC accepts Soil Completion Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 07/07/2016
Comments: Not reported

Completed Area Name: Soil
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/28/2016
Comments: Characterization report summarizes soil gas sampling data after excavation.

Completed Area Name: Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Completed Date: 01/27/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/29/2015
Comments: Not reported

Completed Area Name: Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/01/2016
Comments: DTSC accepts monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/07/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Manual
Completed Date: 06/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/28/2017
Comments: DTSC accepts monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/14/2016
Comments: DTSC prepared a cost estimate for its oversight of site activities.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/28/2014
Comments: Cost estimate letter sent to RP.

Completed Area Name: Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/19/2016
Comments: Restricted activities: (a) Drilling for water; (b) Drilling for oil and gas; and (c) Extraction of groundwater except as approved by the U.S. EPA in a groundwater monitoring plan. However, nothing herein prohibits the continued use of the groundwater supply well located at N: 329235.98, E: 1727773.46, ELEV: 492.84 and identified as State Well Number 04N I 9W30HO IS where the water is used for purposes other than human consumption (e.g. agricultural, industrial, fire protection).

Completed Area Name: Soil
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 07/18/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2014
Comments: Completed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Groundwater
Schedule Sub Area Name: Not reported
Schedule Document Type: Remedy Constructed: Operating Properly & Successfully
Schedule Due Date: 03/06/2017
Schedule Revised Date: Not reported

Calsite:

Region: GLENDALE
Facility ID: 56130038
Facility Type: NPRP
Type: NPL SITE, RP-FUNDED
Branch: SA
Branch Name: SO CAL - GLENDALE
File Name: Not reported
State Senate District: 12231996
Status: CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED, REMEDIATION CONTINUES
Status Name: CERTIFIED / OPERATION & MAINTENANCE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 13
SIC Name: OIL & GAS EXTRACTION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: JFIERRO
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 37
State Senate District Code: 17
Facility ID: 56130038
Activity: DISC
Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 10121983
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 56130038
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: SOIL
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 10311986
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 38000
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Removal Action Certification: N
Activity Comments: 38000 TONS OF WASTE AND OCNTAMINATED SOIL REMOVED.
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 56130038
Activity: SS
Activity Name: SITE SCREENING
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 02131987
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 56130038
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: CNSNT
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 11301989
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 56130038
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03311992
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 56130038
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03311992
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 56130038
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03051993
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	56130038
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	MOU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04101993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	56130038
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	CONST
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08111993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

<p>For Industrial Reuse: 0 For Residential Reuse: 0 Unknown Type: 0 Facility ID: 56130038 Activity: DES Activity Name: DESIGN AWP Code: Not reported Proposed Budget: 0 AWP Completion Date: Not reported Revised Due Date: Not reported Comments Date: 12291994 Est Person-Yrs to complete: 0 Estimated Size: Not reported Request to Delete Activity: Not reported Activity Status: COM Definition of Status: CERTIFIED / OPERATION & MAINTENANCE Liquids Removed (Gals): 0 Liquids Treated (Gals): 0 Action Included Capping: Not reported Well Decommissioned: Not reported Action Included Fencing: Not reported Removal Action Certification: Not reported Activity Comments: Not reported For Commercial Reuse: 0 For Industrial Reuse: 0 For Residential Reuse: 0 Unknown Type: 0 Facility ID: 56130038 Activity: RA Activity Name: REMOVAL ACTION AWP Code: Not reported Proposed Budget: 0 AWP Completion Date: Not reported Revised Due Date: Not reported Comments Date: 12231996 Est Person-Yrs to complete: 0.17000 Estimated Size: M Request to Delete Activity: Not reported Activity Status: COM Definition of Status: CERTIFIED / OPERATION & MAINTENANCE Liquids Removed (Gals): 0 Liquids Treated (Gals): 0 Action Included Capping: Not reported Well Decommissioned: Not reported Action Included Fencing: Not reported Removal Action Certification: N Activity Comments: THE GROUNDWATER TREATMENT SYSTEM AND THE SOIL VAPOR EXTRACTIONS SYSTEMS ARE STILL IN OPERATION. 58000000 GALLONS REMOVED AS OF SEPTEMBER 1996. For Commercial Reuse: 0 For Industrial Reuse: 20 For Residential Reuse: 0 Unknown Type: 0 Facility ID: 56130038 Activity: CERT Activity Name: CERTIFICATION AWP Code: Not reported Proposed Budget: 0</p>	<p>0 0 0 56130038 DES DESIGN Not reported 0 Not reported Not reported 12291994 0 Not reported Not reported COM CERTIFIED / OPERATION & MAINTENANCE 0 0 Not reported Not reported Not reported Not reported Not reported 0 0 0 0 56130038 RA REMOVAL ACTION Not reported 0 Not reported Not reported 12231996 0.17000 M Not reported COM CERTIFIED / OPERATION & MAINTENANCE 0 0 Not reported Not reported Not reported N THE GROUNDWATER TREATMENT SYSTEM AND THE SOIL VAPOR EXTRACTIONS SYSTEMS ARE STILL IN OPERATION. 58000000 GALLONS REMOVED AS OF SEPTEMBER 1996. 0 20 0 0 56130038 CERT CERTIFICATION Not reported 0</p>
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12231996
Est Person-Yrs to complete: 0
Estimated Size: M
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 56130038
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 09302009
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: NORTH OF HWY 126, E OF CITY LIMITS
Alternate City,St,Zip: FILLMORE, CA 93015
Alternate Address: 67 EAST TELEGRAPH ROAD
Alternate City,St,Zip: FILLMORE, CA 93015
Background Info: The Texaco - Fillmore (Texaco) site was a petroleum refinery from the 1920s to the 1950s. It is currently used as a pumping station for the transportation of crude oil from offshore Ventura County to the metropolitan Los Angeles area. Waste sludges from the petroleum refining operations were found in one main pit and eight smaller sumps onsite. The contaminants that have been identified include acids, lead, benzene, toluene, and phenol. Possible contamination pathways may include inhalation of volatiles permeating through the ground surface, ingestion of contaminated groundwater, and ingestion of surface soil and dust.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Receptors include nearby residential community. Texaco removed approximately 35,000 tons of waste and soil between December 1985, and October 1986, under the oversight of the Department. Texaco continue to implement the Groundwater Treatment System and the Soil Vapor Extraction Systems as part of the remedy.

The site was listed on the NPL in June 1988. EPA has a Consent Order with Texaco to conduct the RI/FS which was completed March 31, 1992. The completion of the ROD was also March 31, 1992.

A Consent Decree between U.S. EPA, Texaco - Fillmore and DTSC was signed February 16, 1993. Under the terms of the Consent Decree, Texaco has agreed to pay the State's past costs, as well as the future costs.

Comments Date: 02131987
Comments: Site Screening Done: Clean-up started in 1986. Site listed
Comments Date: 02131987
Comments: on BEP. Pump station for transportation crude oil. Estimated
Comments Date: 02131987
Comments: 35,000 tons of sludge waste including lead, benzene,
Comments Date: 02131987
Comments: toluene, ethyl benzene, and phenol. Groundwater and air
Comments Date: 02131987
Comments: emmissions contaminated.
Comments Date: 03031995
Comments: The draft Remedial Action Workplan is submitted
Comments Date: 03031995
Comments: March 3, 1995.
Comments Date: 04171996
Comments: RA activities are ongoing; Groundwater Remediaton and Soil
Comments Date: 04171996
Comments: Vapor extraction systems are operational and Remediation of
Comments Date: 04171996
Comments: soil and groundwater in progress.
Comments Date: 05252005
Comments: DTSC reviews and comments on Workplan for Soil Sampling Phase 1-
Comments Date: 05252005
Comments: Former Tank Areas dated March 31,2005.
Comments Date: 07251991
Comments: Former petroleum refining company currently used as a pump-
Comments Date: 07251991
Comments: ing station for the transportation of crude oil from off-
Comments Date: 07251991
Comments: shore Ventura County to the metropolitan Los Angeles area.
Comments Date: 07251991
Comments: Wastes exist from petroleum refining operations and include
Comments Date: 07251991
Comments: various types of hazardous wastes (acids, lead, benzene,
Comments Date: 07251991
Comments: ethyl benzene, toluene, and phenol).
Comments Date: 08091993
Comments: The Phase I Design Report and Specification are approved.
Comments Date: 08111993
Comments: Final Consent Decree signed by the U.S. District Court
Comments Date: 08111993
Comments: Judge on August 10, 1993 and entered on August 11, 1993.
Comments Date: 08181995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Comments: Approval of Remedial Action Workplan
Comments Date: 09282001
Comments: Five-Year Review Report prepared by EPA submitted to DTSC for
Comments Date: 09282001
Comments: review.
Comments Date: 10121983
Comments: Facility Identified: ERRIS.
Comments Date: 10311986
Comments: RA: Waste and soil removal.
Comments Date: 11152001
Comments: DTSC's comments on five-year Review Report.
Comments Date: 11152001
Comments: a) Existing wells may not be fully monitoring the edges of
Comments Date: 11152001
Comments: the benzene Plume.
Comments Date: 11152001
Comments: b) Data shows very little attenuation of down gradient
Comments Date: 11152001
Comments: benzene Plume.
Comments Date: 12231996
Comments: 38,000 tons of contaminated soils have been removed, a soil vapor
Comments Date: 12231996
Comments: extraction system installed and (as of Sep. 1996) 58,000 gallons
Comments Date: 12231996
Comments: of groundwater treated. The remedial action has been completed
Comments Date: 12231996
Comments: and DTSC has issued "certification" - however, operation and
Comments Date: 12231996
Comments: maintenance monitoring will continue for 10 years.
Comments Date: 12231996
Comments: Not reported
Comments Date: 12291994
Comments: The Final Phase 2 Design for the Texaco Fillmore site is
Comments Date: 12291994
Comments: approved by U.S. EPA with DTSC concurrence.
ID Name: CALSTARS CODE
ID Value: 300156
ID Name: HWIS IDENTIFICATION CODE
ID Value: CAD000631473
ID Name: BEP DATABASE PCODE
ID Value: P33045
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD980636781
Alternate Name: PACIFIC COAST PIPELINE
Alternate Name: TEXACO USA / FILLMORE PUMP STATION
Alternate Name: TEXACO - FILLMORE
Alternate Name: PACIFIC COAST PIPE LINES
Alternate Name: Not reported
Special Programs Code: MSCA
Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

DEED:

Envirostor ID: 56130038
Area: GROUNDWATER
Sub Area: Not reported
Site Type: FEDERAL SUPERFUND
Status: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 08/19/2016

Envirostor ID: 56130038
Area: SOIL
Sub Area: Not reported
Site Type: FEDERAL SUPERFUND
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 08/19/2016

CORTESE:

Region: CORTESE
Envirostor Id: 56130038
Site/Facility Type: FEDERAL SUPERFUND - LISTED
Cleanup Status: ACTIVE - LAND USE RESTRICTIONS
Status Date: 07/12/2012
Site Code: 300156
Latitude: 34.404360
Longitude: -118.90477
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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

NPDES:

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 4
Regulatory Measure Id: 436244
Order No: Not reported
Regulatory Measure Type: Construction
Place Id: Not reported
WDID: 4 56C366028
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: 11/7/2013
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 3/27/2013
PROCESSED DATE: 4/2/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

STATUS CODE NAME:	Terminated
STATUS DATE:	11/25/2013
PLACE SIZE:	55
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Keith Watts
FACILITY CONTACT TITLE:	Contractor Project Manager
FACILITY CONTACT PHONE:	805-816-9205
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	keith.watts@reconservices.com
OPERATOR NAME:	Chevron Environmental Management Company
OPERATOR ADDRESS:	PO Box 1392
OPERATOR CITY:	Bakersfield
OPERATOR STATE:	California
OPERATOR ZIP:	93302
OPERATOR CONTACT NAME:	Leslie Klinchuch
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	661-632-1408
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	leslieklinchuch@chevron.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Chevron Environmental Management Company
DEVELOPER ADDRESS:	PO Box 1392
DEVELOPER CITY:	Bakersfield
DEVELOPER STATE:	California
DEVELOPER ZIP:	93302
DEVELOPER CONTACT NAME:	Leslie Klinchuch
DEVELOPER CONTACT TITLE:	Project Manager
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	N
CONSTYPE BELOW GROUND IND:	N
CONSTYPE CABLE LINE IND:	N
CONSTYPE COMM LINE IND:	N
CONSTYPE COMMERTIAL IND:	N
CONSTYPE ELECTRICAL LINE IND:	N
CONSTYPE GAS LINE IND:	N
CONSTYPE INDUSTRIAL IND:	N
CONSTYPE OTHER DESCRIPTION:	remediation project - Superfund Site
CONSTYPE OTHER IND:	Y
CONSTYPE RECONS IND:	N
CONSTYPE RESIDENTIAL IND:	N
CONSTYPE TRANSPORT IND:	N
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	N
CONSTYPE WATER SEWER IND:	N
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Pole Creek
CERTIFIER NAME:	Leslie Klinchuch
CERTIFIER TITLE:	Project Manager
CERTIFICATION DATE:	27-MAR-13
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	428060
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	4 56C363884
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:	1/8/2013
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	6/13/2012
PROCESSED DATE:	6/18/2012
STATUS CODE NAME:	Terminated
STATUS DATE:	2/21/2013
PLACE SIZE:	47
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Leslie Klinchuch
FACILITY CONTACT TITLE:	Project Manager
FACILITY CONTACT PHONE:	661-632-1408
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	leslieklinchuch@chevron.com
OPERATOR NAME:	Chevron Environmental Management Company
OPERATOR ADDRESS:	PO Box 1392
OPERATOR CITY:	Bakersfield
OPERATOR STATE:	California
OPERATOR ZIP:	93302
OPERATOR CONTACT NAME:	Leslie Klinchuch
OPERATOR CONTACT TITLE:	Project Manager
OPERATOR CONTACT PHONE:	661-632-1408
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	leslieklinchuch@chevron.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Chevron Environmental Management Company
DEVELOPER ADDRESS:	PO Box 1392
DEVELOPER CITY:	Bakersfield
DEVELOPER STATE:	California
DEVELOPER ZIP:	93302
DEVELOPER CONTACT NAME:	Leslie Klinchuch
DEVELOPER CONTACT TITLE:	Project Manager
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	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 COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PACIFIC COAST PIPE LINES (Continued)

1006703331

CONSTYPE OTHER DESCRIPTION: Remediation project
 CONSTYPE OTHER IND: Y
 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: Pole Creek;
 CERTIFIER NAME: Leslie Klinchuch
 CERTIFIER TITLE: Project Manager
 CERTIFICATION DATE: 13-JUN-12
 PRIMARY SIC: Not reported
 SECONDARY SIC: Not reported
 TERTIARY SIC: Not reported

V160
East
1/2-1
0.715 mi.
3776 ft.

TEXACO - FILLMORE (PACIFIC COAST PIPELINE)
67 EAST TELEGRAPH ROAD, NORTH OF HIGHWAY 126 EAST
FILLMORE, CA 93015

CA BOND EXP. PLAN S105960454
N/A

Site 2 of 2 in cluster V

Relative:
Higher

CA BOND EXP. PLAN:

Responsible Party: NPL SITE CLEANUP WORKPLAN

Project Revenue Source Company: Not reported

Project Revenue Source Addr: Not reported

Project Revenue Source City,St,Zip: Not reported

Project Revenue Source Desc: The site is proposed for listing on the NPL in update #7. DHS will be responsible for providing 10 percent match on the final remediation. DHS will recover 100 percent of direct costs plus staff costs and overhead from the responsible parties.

Site Description: This facility was a petroleum refinery from the 1920s to 1950s. It is currently used as a pumping station for the transportation of crude oil from offshore Ventura County to the metropolitan Los Angeles area. The site is also known as Pacific Coast Pipeline.

Hazardous Waste Desc: Waste sludges from the petroleum refining operations were found in one main pit and eight smaller sumps onsite. Approximately 35,000 tons of waste and soil have been removed. Various types of hazardous wastes including acids, lead, benzene, ethyl benene, toluene and phenol have been identified.

Threat To Public Health & Env: Ground water in the uppermost aquifer downgradient from the disposal area has been contaminated with the previously mentioned organic compounds. Expanded ground water investigations (conducted summer, 1987) suggests that contamination is limited to the upper aquifer and that there has been reduction in the area of ground water contamination. Former air nuisance problems related to the disposal pits have been abated by the removal discussed below.

Site Activity Status: Interim removal actions occurred between December 1985 and October 1986, with excavation, transportation, and disposal offsite of the waste sludges and contaminated soils. DHS approved and oversaw the cleanup. Further characterization of ground water contamination is in progress. The site has been proposed for the National Priorities List (NPL).

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

161
NNW
1/2-1
0.910 mi.
4807 ft.

LEE PHARMACEUTICALS
815 W 5TH ST
FILLMORE, CA 93015

SEMS 1000216509
RCRA-SQG CAD096432216
ENVIROSTOR
UST
FINDS
ECHO

Relative:
Lower

SEMS:
Site ID: 901684
EPA ID: CAD096432216
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: Addressed as Part of Another non-NPL Site

Actual:
452 ft.

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0901684
EPA ID: CAD096432216
Facility County: VENTURA
Short Name: LEE PHARMACEUTICALS
Congressional District: 21
IFMS ID: 098H
SMSA Number: 6000
USGC Hydro Unit: 18070102
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Addressed as Part of Another non-NPL Site
Non NPL Status Date: 11/26/03
Site Fips Code: 06111
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEE PHARMACEUTICALS (Continued)

1000216509

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: CONSOLIDATED CHEMICAL CO (FORMER OWNER)
Alias Address: Not reported
CA
Alias ID: 201
Alias Name: HUBER MANUFACTURING CO (LESSEE 1984-85)
Alias Address: Not reported
CA
Alias ID: 301
Alias Name: DR HENRY LEE (OWNER)
Alias Address: Not reported
CA
Alias ID: 101
Alias ID: 301
Alias ID: 201
Alias Comments: PREVIOUS EPA ID# AZD 981 416 977PREVIOUS EPA ID# AZD 981 416 977PREVIOUS EPA ID# AZD 981 416 977

Site Description: this SITE NEEDS TO HAVE THE NPL SITE ATTACHED TO IT. MM 11/25/03

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 06/01/86
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: 06/01/86
Date Completed: 06/01/87
Priority Level: Addressed as part of an existing NPL site
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: LEE PHARMACEUTICALS
Facility address: 815 W 5TH STREET
FILLMORE, CA 93015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEE PHARMACEUTICALS (Continued)

1000216509

EPA ID: CAD096432216
Mailing address: W FIFTH STREET
FILLMORE, CA 93015
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LEE PHARMACEUTICALS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEE PHARMACEUTICALS (Continued)

1000216509

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

ENVIROSTOR:

Facility ID: 56280093
Status: Refer: Other Agency
Status Date: 02/10/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: 1.67
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 37
Senate: 19
Special Program: * Site Char & Assess Grant (CERCLA 104)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.40942
Longitude: -118.9234
APN: 043008026
Past Use: NONE SPECIFIED
Potential COC: * Pesticides - Wastes From Production * UNSPECIFIED ALKALINE SOLUTIONS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CONSOLIDATED CHEMICAL CO
Alias Type: Alternate Name
Alias Name: HUBER MANUFACTURING COMPANY
Alias Type: Alternate Name
Alias Name: KINCAID ENTERPRISES INC
Alias Type: Alternate Name
Alias Name: 043008026
Alias Type: APN
Alias Name: CAD096432216
Alias Type: EPA Identification Number
Alias Name: 110002665161
Alias Type: EPA (FRS #)
Alias Name: 56280093
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: 12/03/1987
Comments: SITE SCREENING DONE POST CLEANUP SAMPLES NEEDED

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEE PHARMACEUTICALS (Continued)

1000216509

Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 06/21/1984
Comments: FACILITY IDENTIFIED ID FROM 1982 DOHS DMI FILE LISTING

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

VENTURA CO. UST:

Facility ID: D 804
Facility Status: inactive

FINDS:

Registry ID: 110002665161

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.

SUPERFUND (NON-NPL)

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000216509
Registry ID: 110002665161
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002665161>

Count: 5 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FILLMORE	S106386920	UNOCAL - FILLMORE PIPE LINE LEAK	A	93015	SLIC
FILLMORE	S106387009	TEXACO - SHIELLS CANYON OIL FIELD	SHIELLS CANYON	93015	SLIC
FILLMORE	S105974918	ARMSTRONG PROPERTY (MARGARET)	805 VENTURA ST		LUST
FILLMORE	S106448339	SUMMIT GAS STATION	903 VENTURA BLVD	93015	LUST, VENTURA CO. BWT
FILLMORE	S106517306	ARMSTRONG PROPERTY (MARGARET)	805 VENTURA ST	93015	LUST

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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/08/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 01/15/2018
	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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/15/2018
	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.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/15/2018
	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: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 10/06/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 01/15/2018
	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 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.

Date of Government Version: 07/11/2017	Source: EPA
Date Data Arrived at EDR: 07/21/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/21/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/30/2017
	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: 07/11/2017	Source: EPA
Date Data Arrived at EDR: 07/28/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/30/2017
	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: 09/13/2017	Source: EPA
Date Data Arrived at EDR: 09/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	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: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 08/10/2017
Number of Days to Update: 94	Next Scheduled EDR Contact: 11/27/2017
	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: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/11/2017
	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: 09/18/2017

Date Data Arrived at EDR: 09/21/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/08/2018

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: 07/31/2017

Date Data Arrived at EDR: 08/01/2017

Date Made Active in Reports: 08/15/2017

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 08/01/2017

Next Scheduled EDR Contact: 11/13/2017

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: 07/31/2017

Date Data Arrived at EDR: 08/01/2017

Date Made Active in Reports: 08/15/2017

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 08/01/2017

Next Scheduled EDR Contact: 11/13/2017

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: 08/14/2017

Date Data Arrived at EDR: 08/17/2017

Date Made Active in Reports: 09/21/2017

Number of Days to Update: 35

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 08/17/2017

Next Scheduled EDR Contact: 11/27/2017

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	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: 06/12/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/14/2017	Telephone: see region list
Date Made Active in Reports: 08/22/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/25/2017
	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	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

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: Varies

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 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 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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.

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 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
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
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
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/27/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/28/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	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: 04/26/2017	Source: EPA, Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-7439
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/08/2017
	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: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6271
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/08/2017
	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: 04/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3372
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/26/2017	Telephone: 206-553-2857
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

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: 04/14/2017	Source: EPA Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

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: 06/12/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/14/2017	Telephone: 866-480-1028
Date Made Active in Reports: 08/23/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 70	Next Scheduled EDR Contact: 12/25/2017
	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: Quarterly

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: Semi-Annually

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: Varies

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: Semi-Annually

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: Semi-Annually

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: Semi-Annually

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: Annually

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: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/12/2017
Date Data Arrived at EDR: 06/14/2017
Date Made Active in Reports: 08/23/2017
Number of Days to Update: 70

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/25/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

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: 04/26/2017	Source: EPA Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-6136
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	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: 05/02/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	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: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Semi-Annually

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: 04/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	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: 04/25/2017	Source: EPA Region 10
Date Data Arrived at EDR: 07/27/2017	Telephone: 206-553-2857
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/13/2017	Source: EPA Region 9
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3368
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/08/2017
	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: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6137
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

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: 10/01/2016	Source: EPA Region 6
Date Data Arrived at EDR: 01/26/2017	Telephone: 214-665-7591
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

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	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/25/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/08/2018
	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	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

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.

Date of Government Version: 07/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/01/2017	Telephone: 916-323-3400
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 08/01/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/13/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/27/2017
Date Data Arrived at EDR: 06/28/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Varies

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: 06/19/2017
Date Data Arrived at EDR: 06/20/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/20/2017
Next Scheduled EDR Contact: 01/01/2018
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.

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: 08/03/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 9

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/2017
Date Data Arrived at EDR: 05/31/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 76

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/10/2017
Next Scheduled EDR Contact: 11/27/2017
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: 08/01/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

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

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: 07/24/2017
Next Scheduled EDR Contact: 11/08/2017
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: 08/29/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

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: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/30/2017
Next Scheduled EDR Contact: 12/11/2017
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
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: 07/31/2017
Date Data Arrived at EDR: 08/01/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 14

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/01/2017
Next Scheduled EDR Contact: 11/13/2017
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: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
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
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

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: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/30/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 06/02/2017
Date Data Arrived at EDR: 06/06/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 80

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/24/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: Annually

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

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
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 06/02/2017
Date Data Arrived at EDR: 06/06/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
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: 07/11/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/26/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/05/2017	Source: DTSC and SWRCB
Date Data Arrived at EDR: 06/06/2017	Telephone: 916-323-3400
Date Made Active in Reports: 08/10/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/21/2017	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/21/2017	Telephone: 202-366-4555
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/08/2018
	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: 05/09/2017	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2017	Telephone: 916-845-8400
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 07/26/2017
Number of Days to Update: 57	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

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: 06/12/2017	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/14/2017	Telephone: 866-480-1028
Date Made Active in Reports: 08/18/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/25/2017
	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: 06/12/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/14/2017	Telephone: 866-480-1028
Date Made Active in Reports: 08/22/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/25/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	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: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 08/25/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/04/2017
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/22/2018
	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: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/11/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/22/2018
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/18/2017
Next Scheduled EDR Contact: 11/27/2017
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: 05/10/2017
Date Data Arrived at EDR: 05/17/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 121

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/24/2017
Next Scheduled EDR Contact: 11/20/2017
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: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/22/2017
Next Scheduled EDR Contact: 01/01/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/23/2017
Next Scheduled EDR Contact: 12/04/2017
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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/28/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Annually

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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
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: 02/01/2017
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/24/2017
Next Scheduled EDR Contact: 11/08/2017
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 08/08/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/20/2017
	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: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/13/2017
Number of Days to Update: 126	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Annually

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: 10/11/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/22/2018
	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: Quarterly

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: Quarterly

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: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 08/01/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/20/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/03/2017
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/18/2017
	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: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2017
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/28/2017
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/08/2017
	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: 10/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2017	Telephone: 202-343-9775
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 8	Next Scheduled EDR Contact: 01/15/2018
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
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: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/01/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

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.

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 12/04/2017
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: 10/11/2017
Next Scheduled EDR Contact: 01/22/2018
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: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 11/20/2017
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/30/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 98

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/05/2017
Next Scheduled EDR Contact: 01/15/2018
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

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: 07/31/2017
Date Data Arrived at EDR: 08/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/30/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: Semi-Annually

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 09/01/2017
Number of Days to Update: 49	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Varies

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: 09/01/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/11/2017
	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: 03/14/2017	Source: Department of Interior
Date Data Arrived at EDR: 03/17/2017	Telephone: 202-208-2609
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 09/25/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/25/2017
	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: 07/23/2017	Source: EPA
Date Data Arrived at EDR: 09/06/2017	Telephone: (415) 947-8000
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/19/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2017	Telephone: 202-564-2280
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2016	Source: Department of Defense
Date Data Arrived at EDR: 06/02/2017	Telephone: 571-373-0407
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/16/2017
Number of Days to Update: 133	Next Scheduled EDR Contact: 01/29/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/21/2017
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Varies

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: 08/17/2017	Source: EPA
Date Data Arrived at EDR: 08/17/2017	Telephone: 800-385-6164
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 08/17/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/04/2017
	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	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	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: 09/21/2017	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/21/2017	Telephone: 916-323-3400
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Quarterly

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.

Date of Government Version: 08/02/2017	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/08/2017	Telephone: 916-327-4498
Date Made Active in Reports: 10/16/2017	Last EDR Contact: 08/08/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015	Source: California Air Resources Board
Date Data Arrived at EDR: 03/21/2017	Telephone: 916-322-2990
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 09/22/2017
Number of Days to Update: 147	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/01/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/03/2017	Telephone: 916-445-9379
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 08/18/2017
Number of Days to Update: 104	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 06/05/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/09/2017	Telephone: 916-255-3628
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 07/21/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 10/30/2017
	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: 05/16/2017	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 05/19/2017	Telephone: 916-341-6066
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 08/10/2017
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/27/2017
	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.

Date of Government Version: 12/31/2015	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/12/2016	Telephone: 916-255-1136
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 10/10/2017
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/22/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/24/2017	Telephone: 877-786-9427
Date Made Active in Reports: 08/18/2017	Last EDR Contact: 08/22/2017
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/04/2017
	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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/22/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/24/2017	Telephone: 916-323-3400
Date Made Active in Reports: 08/18/2017	Last EDR Contact: 08/22/2017
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/04/2017
	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: 04/11/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/13/2017	Telephone: 916-440-7145
Date Made Active in Reports: 04/26/2017	Last EDR Contact: 10/10/2017
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/22/2018
	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: 09/12/2016	Source: Department of Conservation
Date Data Arrived at EDR: 09/14/2016	Telephone: 916-322-1080
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 09/12/2017
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/25/2017
	Data Release Frequency: Varies

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.

Date of Government Version: 05/25/2017	Source: Department of Public Health
Date Data Arrived at EDR: 06/06/2017	Telephone: 916-558-1784
Date Made Active in Reports: 08/23/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/14/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/15/2016	Telephone: 916-445-9379
Date Made Active in Reports: 03/02/2017	Last EDR Contact: 08/17/2017
Number of Days to Update: 107	Next Scheduled EDR Contact: 11/27/2017
	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: 06/05/2017	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 06/07/2017	Telephone: 916-445-4038
Date Made Active in Reports: 08/25/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
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: 12/16/2016
Date Data Arrived at EDR: 12/22/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/18/2017
Next Scheduled EDR Contact: 01/01/2018
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: 01/20/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/12/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Varies

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 board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Varies

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 Historic Gas 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 Historic Dry 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:

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: 09/22/2017
Date Data Arrived at EDR: 09/22/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 18

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2017
Date Data Arrived at EDR: 07/11/2017
Date Made Active in Reports: 08/23/2017
Number of Days to Update: 43

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 06/20/2017
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 49

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

BUTTE COUNTY:

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: 09/18/2017
Next Scheduled EDR Contact: 10/23/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 04/25/2017
Date Data Arrived at EDR: 04/27/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 104

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/05/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/26/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 58

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/31/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 66

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/27/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/19/2017
Date Data Arrived at EDR: 06/20/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 50

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/31/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

FRESNO COUNTY:

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: 06/30/2017
Date Data Arrived at EDR: 07/05/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 30

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/26/2017
Date Data Arrived at EDR: 07/28/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 77

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/21/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 07/21/2017
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 83

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/21/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 56

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 44

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Quarterly

KINGS COUNTY:

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: 09/22/2017
Date Data Arrived at EDR: 09/22/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 24

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 09/22/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 74

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/24/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 82

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/21/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/18/2017
Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/18/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/18/2017
Number of Days to Update: 115

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/17/2017
Date Data Arrived at EDR: 07/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 65

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/18/2017
Next Scheduled EDR Contact: 10/30/2017
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 10/09/2017
Number of Days to Update: 171

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/13/2016
Number of Days to Update: 68

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2017
Next Scheduled EDR Contact: 10/30/2017
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/21/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/14/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 69

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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: 06/01/2017
Date Data Arrived at EDR: 06/02/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 63

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/21/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 07/03/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 15

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 02/22/2017
Date Data Arrived at EDR: 02/23/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 40

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/08/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/22/2017
Date Data Arrived at EDR: 06/23/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 47

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 08/21/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

NAPA COUNTY:

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: 08/24/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 05/31/2017
Date Data Arrived at EDR: 06/01/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 85

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/04/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/27/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/11/2017
Date Made Active in Reports: 10/11/2017
Number of Days to Update: 61

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/11/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 41

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/07/2017	Source: Health Care Agency
Date Data Arrived at EDR: 08/09/2017	Telephone: 714-834-3446
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 08/09/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/20/2017
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/02/2017	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 06/06/2017	Telephone: 530-745-2363
Date Made Active in Reports: 08/22/2017	Last EDR Contact: 08/31/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 06/19/2017	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 07/05/2017	Telephone: 530-283-6355
Date Made Active in Reports: 08/09/2017	Last EDR Contact: 07/21/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/11/2017	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/14/2017	Telephone: 951-358-5055
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 09/18/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/11/2017	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/14/2017	Telephone: 951-358-5055
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 09/18/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 3

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

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: 05/03/2017
Date Data Arrived at EDR: 07/06/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 47

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 08/11/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 66

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

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: 05/30/2017
Date Data Arrived at EDR: 06/01/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 85

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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: 06/05/2017
Date Data Arrived at EDR: 06/07/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 69

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/06/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/21/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Varies

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: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

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: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/03/2017
Date Data Arrived at EDR: 05/08/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 109

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/21/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 4

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 08/28/2017
Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/05/2017
Date Data Arrived at EDR: 06/16/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 54

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/15/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 33

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/07/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/07/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/10/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 67

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

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

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: 08/24/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/04/2017
Date Data Arrived at EDR: 05/08/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 80

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

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: 30

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

SHASTA COUNTY:

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: 08/21/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/20/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 63

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 08/29/2017
Number of Days to Update: 69

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 06/27/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 43

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/05/2017
Date Data Arrived at EDR: 07/06/2017
Date Made Active in Reports: 08/22/2017
Number of Days to Update: 47

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/10/2017
Date Data Arrived at EDR: 05/16/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 85

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/02/2017
Date Data Arrived at EDR: 06/06/2017
Date Made Active in Reports: 08/25/2017
Number of Days to Update: 80

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 07/19/2017
Date Data Arrived at EDR: 08/11/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 66

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/21/2017
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/21/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa program facilities

Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 09/28/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 09/22/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 04/27/2017
Date Data Arrived at EDR: 04/27/2017
Date Made Active in Reports: 08/10/2017
Number of Days to Update: 105

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Varies

VENTURA COUNTY:

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: 06/26/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 74

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/24/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/10/2017
Next Scheduled EDR Contact: 11/27/2017
Data Release Frequency: Quarterly

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: 09/26/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 89

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/24/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/28/2017	Source: Environmental Health Division
Date Data Arrived at EDR: 09/12/2017	Telephone: 805-654-2813
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/25/2017
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/29/2017	Source: Yolo County Department of Health
Date Data Arrived at EDR: 07/05/2017	Telephone: 530-666-8646
Date Made Active in Reports: 08/25/2017	Last EDR Contact: 09/27/2017
Number of Days to Update: 51	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 07/31/2017	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 08/03/2017	Telephone: 530-749-7523
Date Made Active in Reports: 10/16/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 74	Next Scheduled EDR Contact: 11/13/2017
	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: 07/30/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 08/18/2017
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/27/2017
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/11/2017	Telephone: N/A
Date Made Active in Reports: 07/27/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 107	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/31/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/12/2017
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/21/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/11/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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 & Game

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[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

215 AND 221 PALM STREET AND 534 SANTA CLARA STREET
215 AND 221 PALM STREET AND 534 SANTA CLARA STREET
FILLMORE, CA 93015

TARGET PROPERTY COORDINATES

Latitude (North):	34.397364 - 34° 23' 50.51"
Longitude (West):	118.914691 - 118° 54' 52.89"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	323994.1
UTM Y (Meters):	3807682.2
Elevation:	457 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5636811 FILLMORE, 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 principal 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).

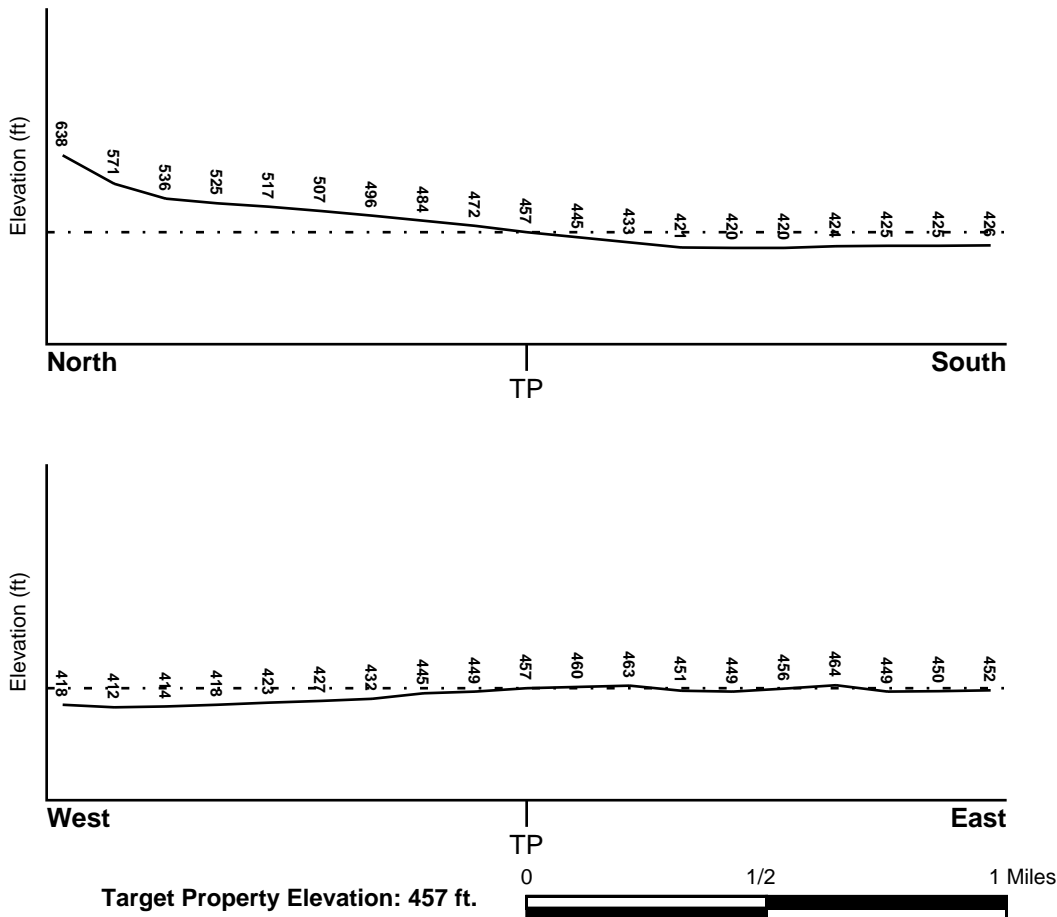
TOPOGRAPHIC INFORMATION

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 SSW

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>
06111C0643E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06111C0641E	FEMA FIRM Flood data
06111C0642E	FEMA FIRM Flood data
06111C0644E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
FILLMORE	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
Status:	Not found

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>
D8	1/4 - 1/2 Mile ENE	SW
D9	1/4 - 1/2 Mile ENE	SW
1G	1/4 - 1/2 Mile ENE	SW
2G	1/4 - 1/2 Mile ENE	SW

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

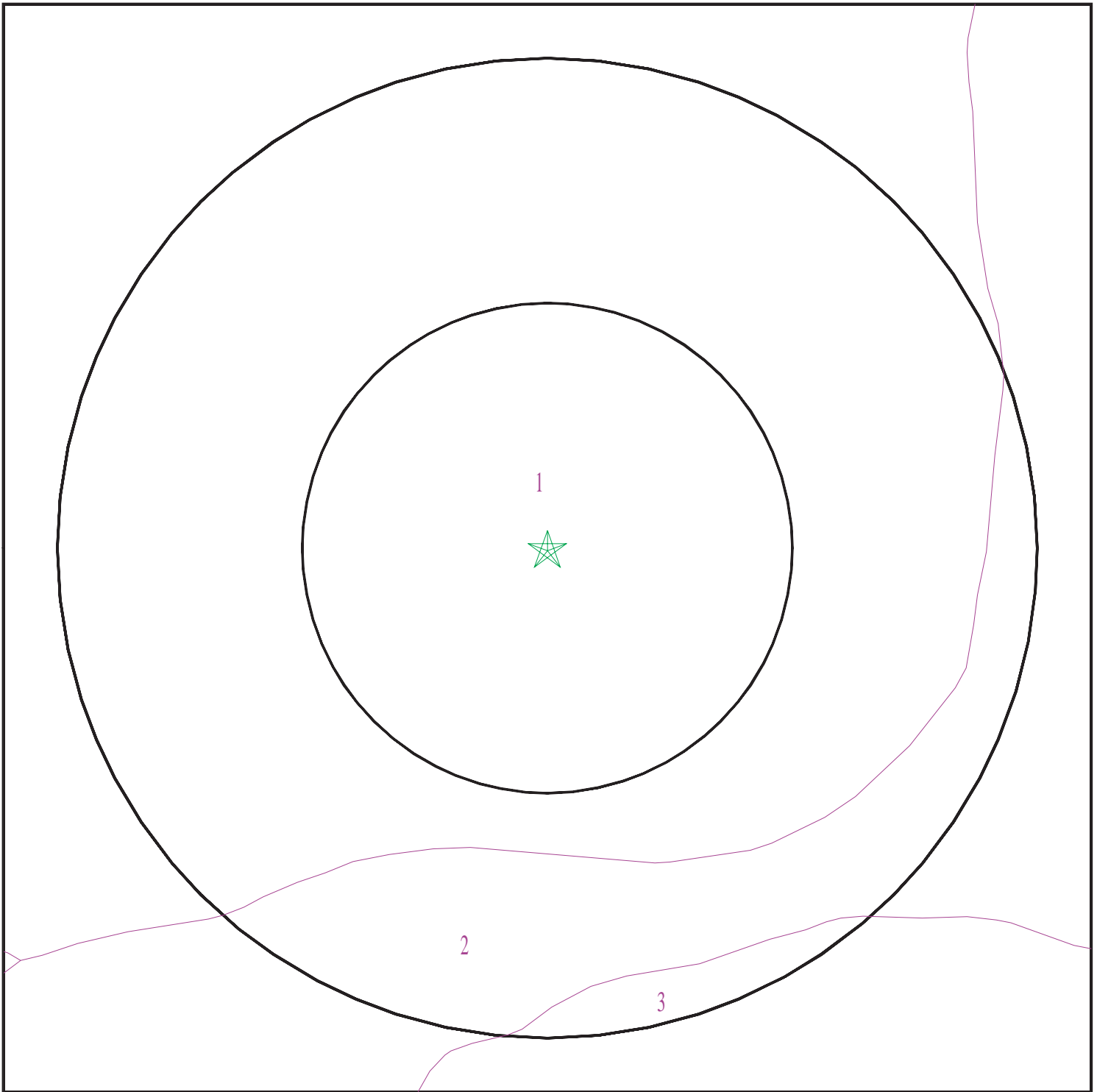
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

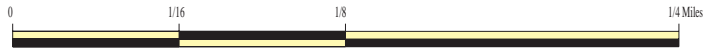
Category: Stratified Sequence

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).

SSURGO SOIL MAP - 05078721.2r



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: 215 and 221 Palm Street and 534 Santa Clara Street
ADDRESS: 215 and 221 Palm Street and 534 Santa Clara Street
Fillmore CA 93015
LAT/LONG: 34.397364 / 118.914691

CLIENT: Rincon
CONTACT: Sarah Larese
INQUIRY #: 05078721.2r
DATE: October 17, 2017 1:41 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: MOCHO

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	16 inches	59 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: MOCHO

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	16 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: METZ

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	7 inches	59 inches	stratified sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

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 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000143273	1/8 - 1/4 Mile SE
A2	USGS40000143267	1/8 - 1/4 Mile SE
C5	USGS40000143296	1/4 - 1/2 Mile ESE
C6	USGS40000143288	1/4 - 1/2 Mile ESE
7	USGS40000143240	1/4 - 1/2 Mile SW
E11	USGS40000143295	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B3	4576	1/8 - 1/4 Mile NW
B4	4575	1/8 - 1/4 Mile NW
E10	CADW60000019233	1/2 - 1 Mile East
12	CADW60000033012	1/2 - 1 Mile NNW
13	CADW60000033013	1/2 - 1 Mile South
14	4574	1/2 - 1 Mile ENE
15	4581	1/2 - 1 Mile NW
16	3390	1/2 - 1 Mile South

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG11000285141	1/4 - 1/2 Mile West
2	CAOG11000291125	1/4 - 1/2 Mile SSE
3	CAOG11000284448	1/2 - 1 Mile NW
4	CAOG11000284457	1/2 - 1 Mile NW
5	CAOG11000290955	1/2 - 1 Mile SW
A6	CAOG11000285135	1/2 - 1 Mile NNW
B7	CAOG11000294107	1/2 - 1 Mile WNW
A8	CAOG11000285134	1/2 - 1 Mile NNW
A9	CAOG11000284449	1/2 - 1 Mile NNW
10	CAOG11000290977	1/2 - 1 Mile SW
11	CAOG11000284489	1/2 - 1 Mile NW
C12	CAOG11000284458	1/2 - 1 Mile NNW
13	CAOG11000294106	1/2 - 1 Mile WNW
14	CAOG11000291124	1/2 - 1 Mile NNE
15	CAOG11000284482	1/2 - 1 Mile NW
B16	CAOG11000294105	1/2 - 1 Mile WNW
17	CAOG11000290946	1/2 - 1 Mile East
C18	CAOG11000284459	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID

19

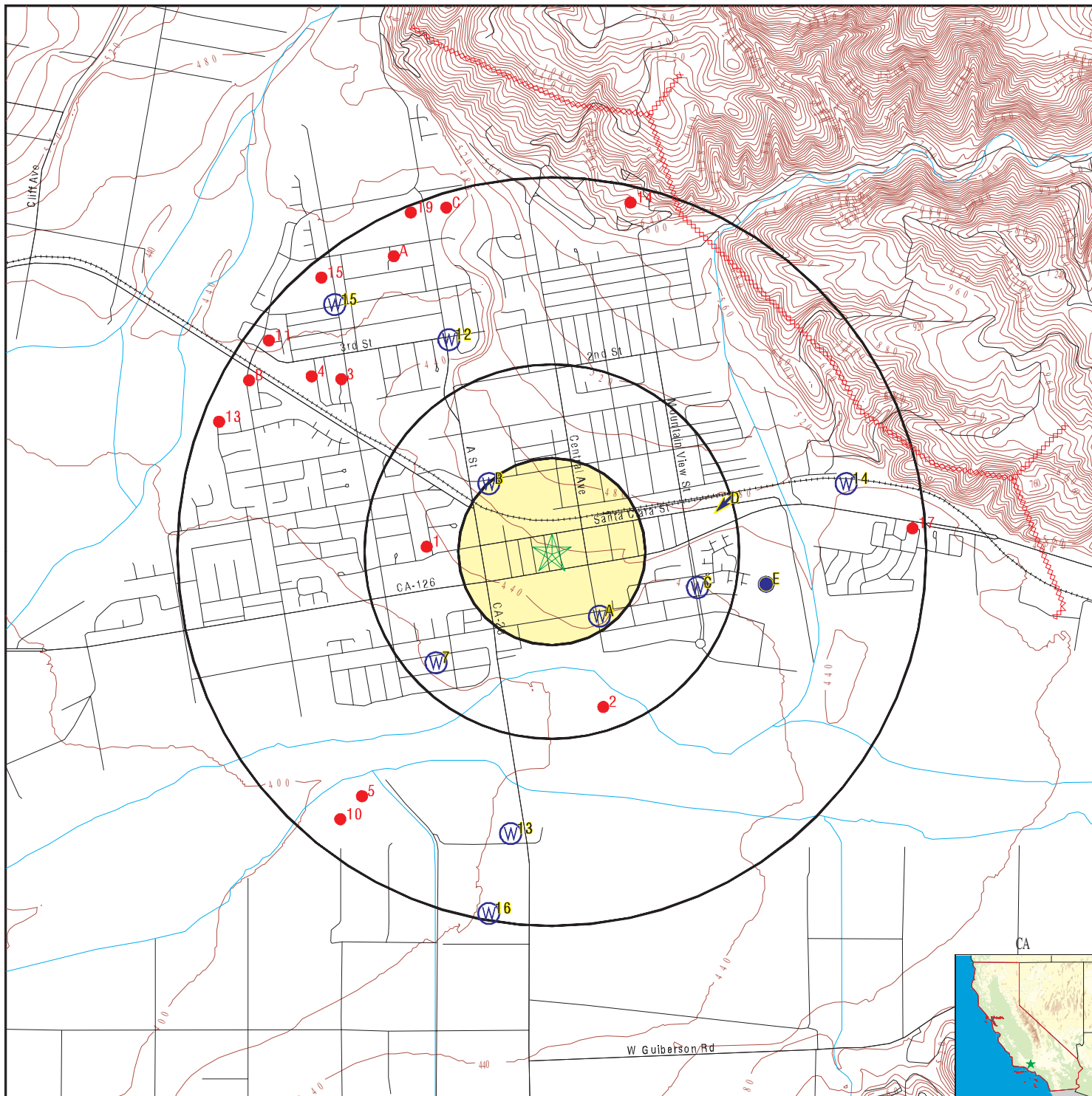
WELL ID

CAOG11000294103

LOCATION
FROM TP

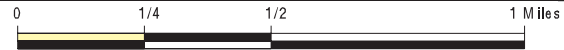
1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 05078721.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- 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: 215 and 221 Palm Street and 534 Santa Clara Street
 ADDRESS: 215 and 221 Palm Street and 534 Santa Clara Street
 Fillmore CA 93015
 LAT/LONG: 34.397364 / 118.914691

CLIENT: Rincon
 CONTACT: Sarah Larese
 INQUIRY #: 05078721.2r
 DATE: October 17, 2017 1:40 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
SE
1/8 - 1/4 Mile
Lower

FED USGS USGS40000143273

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-342342118544201		
Monloc name:	004N019W30P003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.3949974
Longitude:	-118.9125983	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	306
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2
SE
1/8 - 1/4 Mile
Lower

FED USGS USGS40000143267

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-342341118544101		
Monloc name:	004N019W30P004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.3947196
Longitude:	-118.9123205	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	503
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B3
NW **CA WELLS** **4576**
1/8 - 1/4 Mile
Higher

Water System Information:

Prime Station Code:	04N/19W-30P04 S	User ID:	TAP
FRDS Number:	5610002001	County:	Ventura
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	342400.0 1185500.0	Precision:	Undefined
Source Name:	WELL 01 - ABANDONED		
System Number:	5610002		
System Name:	FILLMORE WATER DEPT		
Organization That Operates System:	PO BOX 487		
	FILLMORE, CA 93015		
Pop Served:	12922	Connections:	2931
Area Served:	CITY OF FILLMORE		

B4
NW **CA WELLS** **4575**
1/8 - 1/4 Mile
Higher

Water System Information:

Prime Station Code:	04N/19W-30P03 S	User ID:	TAP
FRDS Number:	5610002002	County:	Ventura
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	342400.0 1185500.0	Precision:	Undefined
Source Name:	WELL 02 - ABANDONED		
System Number:	5610002		
System Name:	FILLMORE WATER DEPT		
Organization That Operates System:	PO BOX 487		
	FILLMORE, CA 93015		
Pop Served:	12922	Connections:	2931
Area Served:	CITY OF FILLMORE		

C5
ESE **FED USGS** **USGS40000143296**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-342346118542601		
Monloc name:	004N019W30K004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.3961084
Longitude:	-118.9081536	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	494
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C6
ESE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000143288

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-342345118542401		
Monloc name:	004N019W30Q002S		
Monloc type:	Well		
Monloc desc:	FILLMORE BASIN		
Huc code:	18070102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.3958307
Longitude:	-118.907598	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	438.0
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19610321	Welldepth:	510
Welldepth units:	ft	Wellholedepth:	520
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

7
SW
1/4 - 1/2 Mile
Lower

FED USGS USGS40000143240

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-342335118550901		
Monloc name:	004N019W31D004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.393053
Longitude:	-118.9200986	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	250
Welldepth units:	ft	Wellholedepth:	250
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

D8 ENE 1/4 - 1/2 Mile Higher	Site ID: C-01701 Groundwater Flow: SW Shallow Water Depth: 18.5 Deep Water Depth: 75.5 Average Water Depth: 35 Date: 01/10/1992	AQUIFLOW 55249
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D9 ENE 1/4 - 1/2 Mile Higher	Site ID: C-01701 Groundwater Flow: SW Shallow Water Depth: 18.5 Deep Water Depth: 75.5 Average Water Depth: 35 Date: 01/10/1992	AQUIFLOW 55248
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E10 East 1/2 - 1 Mile Lower	Objectid: 19233 Latitude: 34.3961 Longitude: -118.9048 Site code: 343961N1189048W001 State well numbe: 04N19W30R001S Local well name: " Well use id: 6 Well use descrip: Unknown County id: 56 County name: Ventura Basin code: '4-4.05' Basin desc: Fillmore Dwr region id: 80238 Dwr region: Southern Region Office Site id: CADW60000019233	CA WELLS CADW60000019233
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E11 East 1/2 - 1 Mile Lower	FED USGS USGS40000143295
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-342346118541301		
Monloc name:	004N019W30R001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.3961084
Longitude:	-118.9045424	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	305
Welldepth units:	ft	Wellholedepth:	305
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

12
NNW
1/2 - 1 Mile
Lower

CA WELLS CADW60000033012

Objectid:	33012
Latitude:	34.405573
Longitude:	-118.919498
Site code:	344056N1189195W001
State well numbe:	04N19W30D001S
Local well name:	'04N19W30D01S'
Well use id:	3
Well use descrip:	Irrigation
County id:	56
County name:	Ventura
Basin code:	'4-4.05'
Basin desc:	Fillmore
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000033012

13
South
1/2 - 1 Mile
Lower

CA WELLS CADW60000033013

Objectid:	33013
Latitude:	34.386434
Longitude:	-118.916608
Site code:	343864N1189159W001
State well numbe:	04N19W31E001S
Local well name:	'04N19W31E01S'
Well use id:	3
Well use descrip:	Irrigation
County id:	56
County name:	Ventura

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '4-4.05'
 Basin desc: Fillmore
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000033013

14
ENE
1/2 - 1 Mile
Higher

CA WELLS 4574

Water System Information:

Prime Station Code:	04N/19W-30K04 S	User ID:	TAP
FRDS Number:	5610002003	County:	Ventura
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Standby Raw
Source Lat/Long:	342400.0 1185400.0	Precision:	Undefined
Source Name:	WELL 03 - STANDBY		
System Number:	5610002		
System Name:	FILLMORE WATER DEPT		
Organization That Operates System:	PO BOX 487		
	FILLMORE, CA 93015		
Pop Served:	12922	Connections:	2931
Area Served:	CITY OF FILLMORE		

15
NW
1/2 - 1 Mile
Lower

CA WELLS 4581

Water System Information:

Prime Station Code:	04N/20W-25B02 S	User ID:	TAP
FRDS Number:	5610002006	County:	Ventura
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Standby Raw
Source Lat/Long:	342425.4 1185526.9	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 06 (1989) - STANDBY		
System Number:	5610002		
System Name:	FILLMORE WATER DEPT		
Organization That Operates System:	PO BOX 487		
	FILLMORE, CA 93015		
Pop Served:	12922	Connections:	2931
Area Served:	CITY OF FILLMORE		

16
South
1/2 - 1 Mile
Lower

CA WELLS 3390

Water System Information:

Prime Station Code:	03N/19W-06D02 S	User ID:	TAP
FRDS Number:	5610023001	County:	Ventura
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	342300.0 1185500.0	Precision:	Undefined
Source Name:	SPANE WELL - DESTROYED		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 5610023
System Name: VENTURA WWD NO. 8 - SIMI VALLEY
Organization That Operates System:
2929 TAPO CANYON
SIMI VALLEY, CA 93063
Pop Served: 72332 Connections: 18934
Area Served: SIMI VALLEY

1G ENE 1/4 - 1/2 Mile Lower	Site ID:	C-01701		
	Groundwater Flow:	SW	AQUIFLOW	55249
	Shallow Water Depth:	18.5		
	Deep Water Depth:	75.5		
	Average Water Depth:	35		
	Date:	01/10/1992		

2G ENE 1/4 - 1/2 Mile Lower	Site ID:	C-01701		
	Groundwater Flow:	SW	AQUIFLOW	55248
	Shallow Water Depth:	18.5		
	Deep Water Depth:	75.5		
	Average Water Depth:	35		
	Date:	01/10/1992		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

West
1/4 - 1/2 Mile

OIL_GAS CAOG11000285141

District nun:	2	Api number:	11100664
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	25
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	U R S Fillmore Unit A	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000285141		

2

SSE
1/4 - 1/2 Mile

OIL_GAS CAOG11000291125

District nun:	2	Api number:	11106229
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	ARCO Oil & Gas Company		
County name:	Ventura	Fieldname:	Any Field
Area name:	Any Area	Section:	31
Township:	04N	Range:	19W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Homburg	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000291125		

3

NW
1/2 - 1 Mile

OIL_GAS CAOG11000284448

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	2	Api number:	11100014
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	19
Township:	04N	Range:	19W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	FA	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000284448		

**4
NW
1/2 - 1 Mile**

OIL_GAS CAOG11000284457

District nun:	2	Api number:	11100023
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	25
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	G	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000284457		

**5
SW
1/2 - 1 Mile**

OIL_GAS CAOG11000290955

District nun:	2	Api number:	11106049
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	Atlantic Richfield Company		
County name:	Ventura	Fieldname:	Any Field
Area name:	Any Area	Section:	36
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	Richfield-Texas Hunter	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000290955		

**A6
NNW
1/2 - 1 Mile**

OIL_GAS CAOG11000285135

District nun:	2	Api number:	11100655
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	ARCO Oil & Gas Company		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	24
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Fillmore Comm C	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000285135		

**B7
WNW
1/2 - 1 Mile**

OIL_GAS CAOG11000294107

District nun:	2	Api number:	11100658
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	ARCO Oil & Gas Company		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	25
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	S P Unit 1	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000294107		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

A8
NNW
1/2 - 1 Mile

OIL_GAS CAOG11000285134

District nun:	2	Api number:	11100654
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	ARCO Oil & Gas Company		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	24
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Fillmore Comm C	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000285134		

A9
NNW
1/2 - 1 Mile

OIL_GAS CAOG11000284449

District nun:	2	Api number:	11100015
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	24
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	FB	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000284449		

10
SW
1/2 - 1 Mile

OIL_GAS CAOG11000290977

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	2	Api number:	11106071
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Ventura	Fieldname:	Any Field
Area name:	Any Area	Section:	36
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kennth H. Hunter-River Ranch (N)	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000290977		

**11
NW
1/2 - 1 Mile**

OIL_GAS CAOG11000284489

District nun:	2	Api number:	11100055
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	25
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	SM	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000284489		

**C12
NNW
1/2 - 1 Mile**

OIL_GAS CAOG11000284458

District nun:	2	Api number:	11100024
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	19
Township:	04N	Range:	19W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1A
Leasename:	M	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000284458		

**13
WNW
1/2 - 1 Mile**

OIL_GAS CAOG11000294106

District nun:	2	Api number:	11100657
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	ARCO Oil & Gas Company		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	25
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McNab Estate	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000294106		

**14
NNE
1/2 - 1 Mile**

OIL_GAS CAOG11000291124

District nun:	2	Api number:	11106228
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	ARCO Oil & Gas Company		
County name:	Ventura	Fieldname:	Any Field
Area name:	Any Area	Section:	19
Township:	04N	Range:	19W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Roco-G.P. Arundell Community A	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000291124		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

15
NW
1/2 - 1 Mile

OIL_GAS CAOG11000284482

District nun:	2	Api number:	11100047
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	Atlantic Oil Company		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	25
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	SM	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000284482		

B16
WNW
1/2 - 1 Mile

OIL_GAS CAOG11000294105

District nun:	2	Api number:	11100656
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	ARCO Oil & Gas Company		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	25
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McNab Estate	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000294105		

17
East
1/2 - 1 Mile

OIL_GAS CAOG11000290946

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	2	Api number:	11106040
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Ventura	Fieldname:	Any Field
Area name:	Any Area	Section:	29
Township:	04N	Range:	19W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Fillmore Unit Plan	Wellnumber:	2-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000290946		

**C18
NNW
1/2 - 1 Mile**

OIL_GAS CAOG11000284459

District nun:	2	Api number:	11100025
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	19
Township:	04N	Range:	19W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	MB	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000284459		

**19
NNW
1/2 - 1 Mile**

OIL_GAS CAOG11000294103

District nun:	2	Api number:	11100048
Blm well:	N	Redrill can:	No
Dryhole:	N	Well status:	P
Operator name:	Atlantic Oil Company		
County name:	Ventura	Fieldname:	Fillmore
Area name:	Any Area	Section:	25
Township:	04N	Range:	20W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	4
Leasename:	SM	Hydraulica:	N
Epawell:	N	Spuddate:	30-APR-56
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000294103		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93015	35	5

Federal EPA Radon Zone for VENTURA County: 1

- 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 VENTURA COUNTY, CA

Number of sites tested: 135

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.185 pCi/L	96%	4%	0%
Living Area - 2nd Floor	0.800 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

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 & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R 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.

STATE RECORDS

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.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

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 IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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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STATE WATER RESOURCES CONTROL BOARD GEOTRACKER



ILLINOIS (T) (MA)

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SANTA CLARA ST
FILLMORE CA
ESTUAR CUTO
LUST CLEANUP SITE (LUST)
[RETURN TO CASE SUMMARY / CSM REPORT](#)

CLEANUP ESTUAR CUTO
ESTUAR CUTO (LEAD) - CASE #: 89088
CASEWORKER: [DIANE B. WAHL](#)
LUST CLEANUP SITE (LUST) - CASE #: C89088
CASEWORKER: [DANIEL PIROTTON](#)
[CUF Claim](#)
[CUF Priority Assign](#)
[CUF Amount](#)

[Summary](#) [Case Reviews](#) [Cleanup Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#) [LUST CUF Data](#)

Regulatory Profile

[RETURN TO CASE SUMMARY](#)

CLEANUP STATUS DEFINITIONS	CLEANUP STATUS LIST
COMPLETED CASES 1 / 1	
TECHNICAL TAMILTSFC CER	TECHNICAL MEDIA FFC CER
AS LIE	TER RUDATER (USES TERTADRIATER)
FILE CATEGORIES	USER DEFINED EFFICIAL USE
L CALAEC	EFFICIAL USE
DERRUDATER SUASAME	DESIGNATED EFFICIAL USE(S) DEFINITIONS
Santa Clara River alley Fillmore ()	MURIDRC
RUDATER MIRTHREUEC	CALATER ATERS EDAME
FELLSMIRTHREUEC	Santa Clara Calleguas Sespe Fillmore ()

Site History

No site history available

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REMEDIAL ACTION COMPLETION CERTIFICATION

June 11, 2010

File #C89088


Ms. Alice Weaver
Phillips, Inc.
215 Palm Street
Fillmore, CA 91510

**SITE NAME/ADDRESS: HAL PHILLIPS, INC., 534 SANTA CLARA AVENUE,
FILLMORE, CALIFORNIA**

This letter confirms the completion of a site investigation and remedial action related to the underground storage tank(s) located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the underground storage tank and dispenser are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of the Health and Safety Code (HSC), subdivisions (a) and (b) of Section 25296.10 and with corrective action regulations adopted pursuant to HSC, Section 25299.3 and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to HSC, subdivision (g) of Section 25296.10. If you have any questions regarding this matter, please contact Diane B. Wahl of the LUFT Program at 805/654-5040.


ROBERT GALLAGHER, DIRECTOR
ENVIRONMENTAL HEALTH DIVISION
RESOURCE MANAGEMENT AGENCY

Attachment: Case Closure Summary

c: Mr. Ed De La Llave, PW Environmental (w/enclosure)

Case Closure Summary

Leaking Underground Fuel Tank Program

I. Agency Information

Date: 9/09/2009

Agency name: Ventura County Environmental Health	Address: 800 South Victoria Avenue
City/State/ZIP: Ventura, CA 93009-1730	Phone: 805-662-6510
Responsible staff person: Gina L. Teresa, P.G.	Title: Environmental Health Specialist III

II. Case Information

Site facility name: Hal Phillips Inc				
Site facility address: 534 Santa Clara Street, Fillmore, CA				
RB LUSTIS Case No: N/A		Local Case No: C-89088		LOP Case No: C89088
URF filing date: 07/12/1989		SWEEPS No:		
Responsible Parties		Addresses		Phone Numbers
Ms. Alice Weaver		215 Palm Street		
Phillips, Inc		Fillmore, CA 91510		
Tank No	Size in Gal	Contents	Closed In-place/Removed	Date
1	8,000	Gasoline	Removed by M.H. Loe Company	July 11, 1989
2	10,000	Gasoline	Removed by M.H. Loe Company	July 11, 1989
3	500	Waste-Oil	Removed by M.H. Loe Company	July 11, 1989

III. Release and Site Characterization Information

Cause and type of release: USTs/Dispensers				
Site characterization complete? Yes		Date approved by oversight agency: September 9, 2009		
Monitoring Wells installed? Yes		Number: 7	Proper screened interval? Yes	
Highest GW depth below ground surface: 40'		Lowest depth: 56'	Flow direction: Northwest	
Most sensitive current use: Storage yard in mixed commercial/residential area				
Are drinking water wells affected? No		Aquifer name: Fillmore Groundwater Basin- Santa Clara River		
Is surface water affected? No		Nearest SW name: Santa Clara River (~2,000 feet south of site)		
Off-site beneficial use impacts (addresses/locations): None				
Report(s) on file? Yes		Where are reports filed? VCEHD Document Imaging Website and State's GeoTracker Database		
Treatment and Disposal of Affected Material				
Material	Amount	Action (Treatment or Disposal w/Destination)		Date
Soil/Soil Vapor Hydrocarbons	Approx. 5,200 pounds	Soil Vapor Extraction		February 2004

Case Closure Summary
Leaking Underground Fuel Tank Program

III. Release and Site Characterization Information (Continued C89088)

Maximum Documented Contaminant Concentrations - - Before and After Cleanup									
Contaminant	Soil (mg/kg)		Water (ug/L)		Contaminant	Soil (mg/kg)		Water (ug/L)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gasoline)	4,600	240	11,000	<50	Benzene	ND<0.005	ND<0.001	510	1.45
TPH (Diesel)	300	300	1,030	651j	Toluene	1	0.0012	590	2.99
TPH (Oil)	NA	NA	5,000	ND<5,000*	Ethylbenzene	4.8	0.007	560	0.68
TRPH	140,000	300/240	NA	NA	Xylenes	39	0.072	2,900	2.07
MTBE/TBA	ND<0.005	ND<0.003	13.8/61	ND/ND	Total Lead	12,000	140	STLC-131 mg/L	STLC-4.55 mg/L

Comments: Before Soil = After Soil & Before Water = After Water = The maximum levels recorded in historical sampling events. TPH-oil reporting limits have varied, TPH-oil has been historically ND from <10 ug/L to <5,000 ug/L.

The three underground storage tanks were removed in 1989. Multiple site soil and groundwater assessments were conducted between 1994 and 2006. Elevated hydrocarbons were encountered in soils beneath the former dispensers and the waste-oil UST location. Soils and groundwater beneath the former waste-oil tank location have been tested for full suite VOC's.

Since 1994, one vapor extraction well (VW-1) and seven groundwater monitoring wells (MW-1 through MW-7) have been installed and approximately 50 groundwater monitoring events have been conducted.

Soil vapor extraction was performed at the site from 2001 to 2004. Approximately 5,200 pounds of hydrocarbons have been extracted from the vadose zone beneath the site.

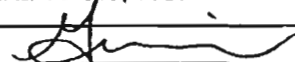
The February 2005 and April 2006 verification assessments confirmed that no significant hydrocarbon concentrations remain in soil or groundwater beneath the site. Additionally, the lead-impacted soil is adequately assessed; verification soil sample results indicate a decrease in total and soluble lead concentrations at the dispenser and waste-oil UST locations where elevated lead concentrations were recorded.

The site passes a Tier 2/3 health risk based assessment for residential indoor and outdoor air, groundwater and surface water exposure pathways using site specific criteria and verification boring results.

IV. Closure

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes	
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes	
Do cleanup levels exceed Regional Board requirements? No	Identify: None
Rationale for exceeding RB requirements: N/A	
Does corrective action protect public health for current land use? Yes	
Site management requirements: None	Should corrective action be reviewed if land use changes? No
Monitoring wells Decommissioned: No	Number Decommissioned: 0 Number Retained: 7
List enforcement actions taken: None	List enforcement actions rescinded: None

V. Local Agency Representative Data

Name: Gina L. Teresa, P.G.	Title: Environmental Health Specialist III
Signature: 	Date 9/9/2009

VI. RWQCB Notification

Date Submitted to RB Executive Officer:	RB Response:
RWQCB Staff Name:	Title: Date:
Additional Comments, Data, Etc.	

Appendix C

Historical Research Documentation

215 and 221 Palm Street and 534 Santa Clara Street

215 and 221 Palm Street and 534 Santa Clara Street

Fillmore, CA 93015

Inquiry Number: 5078721.4

October 16, 2017

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

10/16/17

Site Name:

215 and 221 Palm Street and 5
215 and 221 Palm Street and 5
Fillmore, CA 93015
EDR Inquiry # 5078721.4

Client Name:

Rincon
180 North Ashwood Avenue
Ventura, CA 93003-0000
Contact: Sarah Larese



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Rincon 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:**

P.O.#	17-05056	Latitude:	34.397364 34° 23' 51" North
Project:	17-05056	Longitude:	-118.914691 -118° 54' 53" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	323998.07
		UTM Y Meters:	3807878.04
		Elevation:	457.12' above sea level

Maps Provided:

2012	1921
1995	1903
1994	
1988	
1969	
1951	
1944	
1941	

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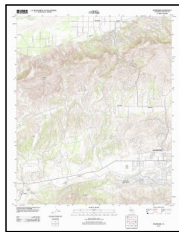
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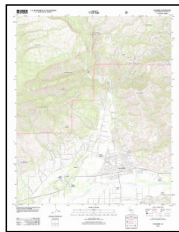
Topo Sheet Key

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2012 Source Sheets

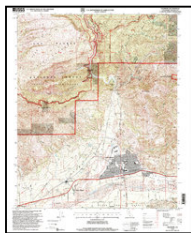


Moorpark
2012
7.5-minute, 24000



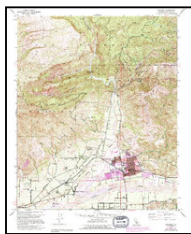
Fillmore
2012
7.5-minute, 24000

1995 Source Sheets



Fillmore
1995
7.5-minute, 24000
Aerial Photo Revised 1994

1994 Source Sheets



Fillmore
1994
7.5-minute, 24000
Aerial Photo Revised 1985

1988 Source Sheets



Fillmore
1988
7.5-minute, 24000
Aerial Photo Revised 1985

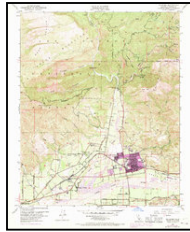
Topo Sheet Key

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1969 Source Sheets

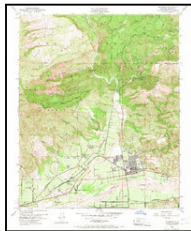


Moorpark
1969
7.5-minute, 24000
Aerial Photo Revised 1969



Fillmore
1969
7.5-minute, 24000
Aerial Photo Revised 1969

1951 Source Sheets

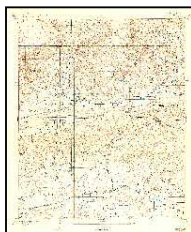


Fillmore
1951
7.5-minute, 24000
Aerial Photo Revised 1947



Moorpark
1951
7.5-minute, 24000
Aerial Photo Revised 1947

1944 Source Sheets



PIRU
1944
15-minute, 62500

1941 Source Sheets



Piru
1941
15-minute, 62500

Topo Sheet Key

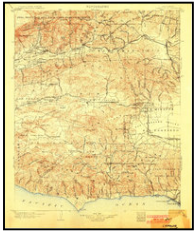
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1921 Source Sheets

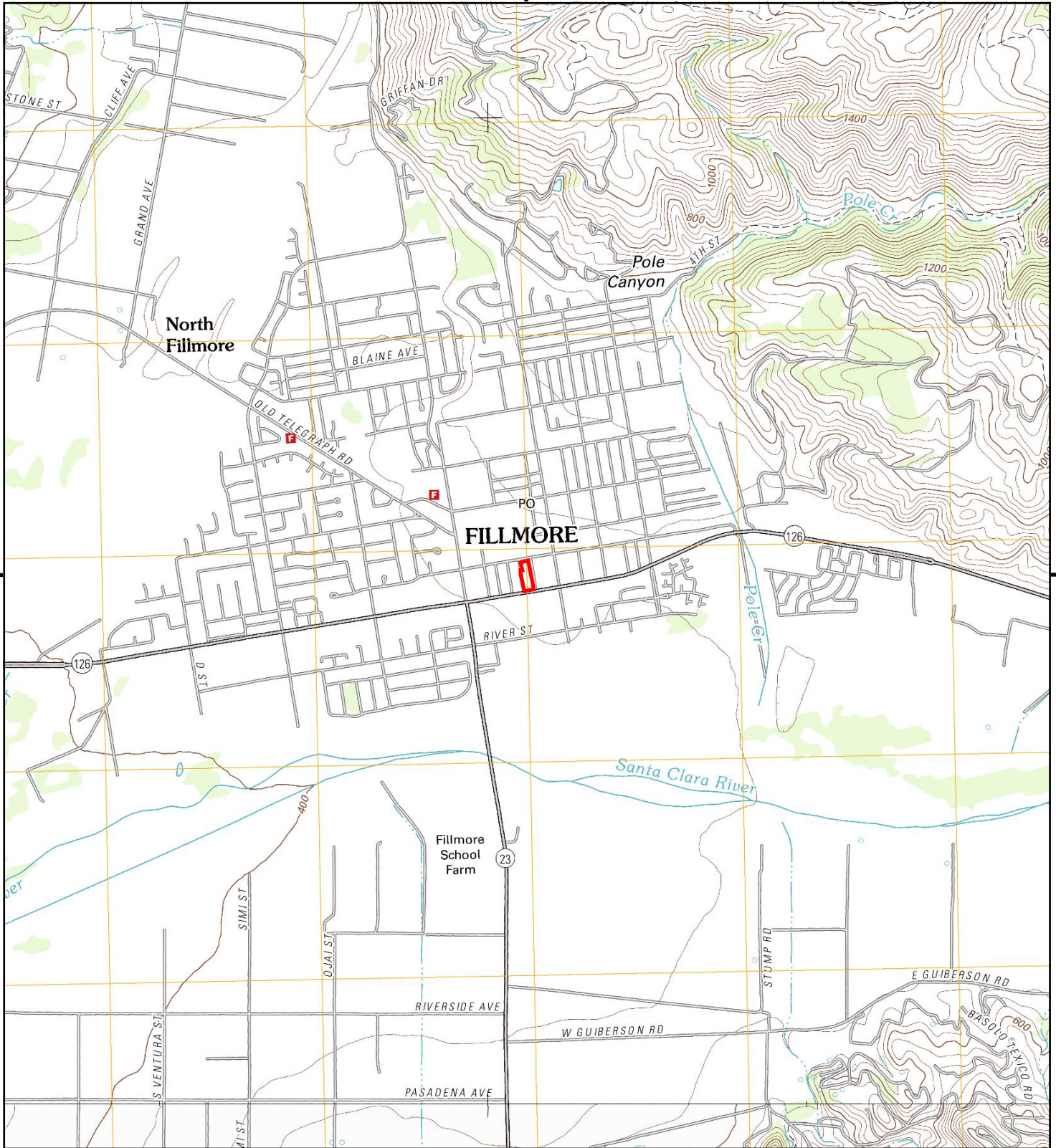


Piru
1921
15-minute, 62500

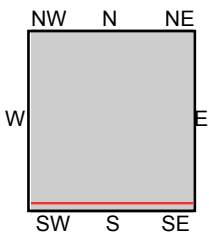
1903 Source Sheets



Camulos
1903
30-minute, 125000



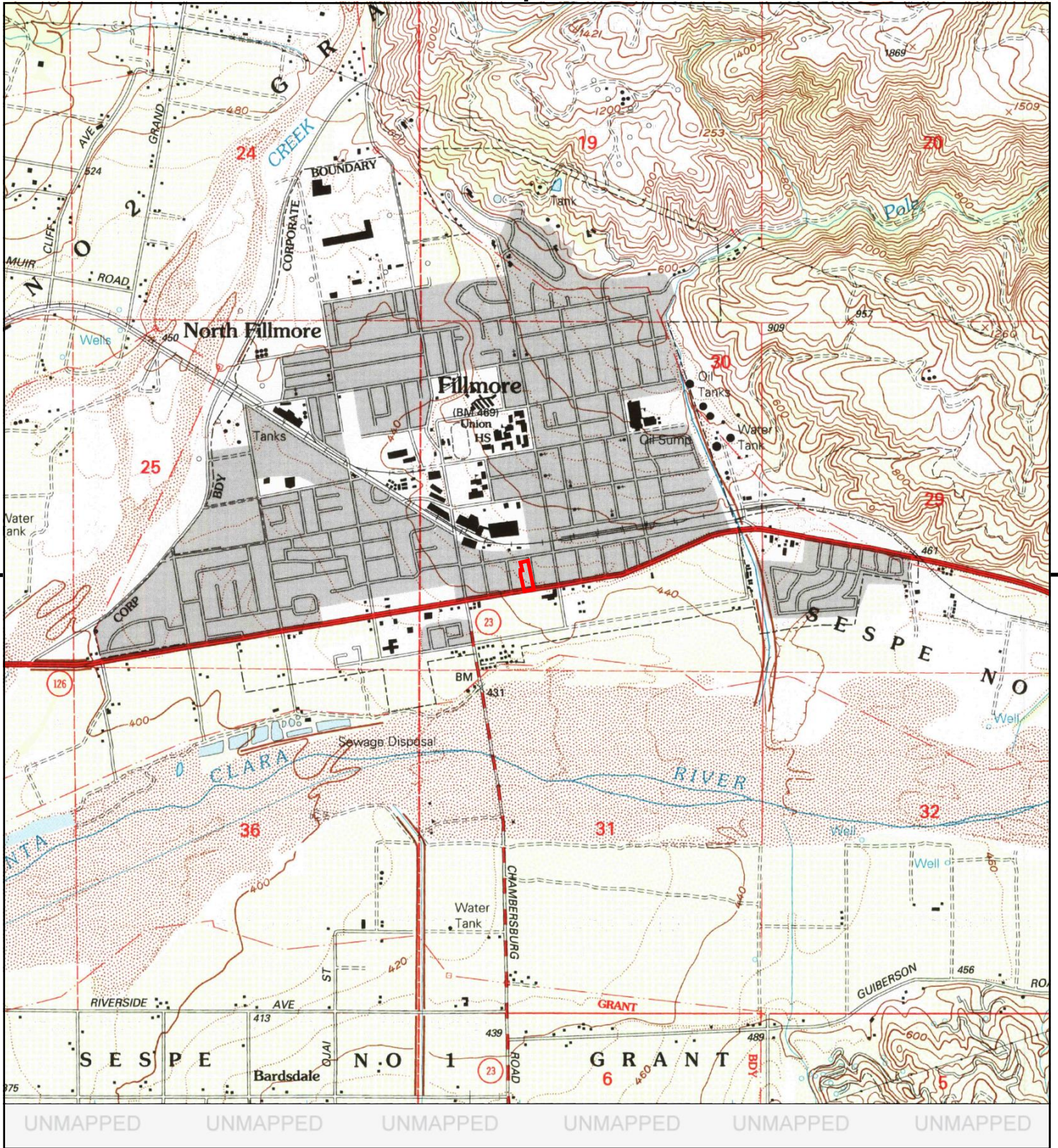
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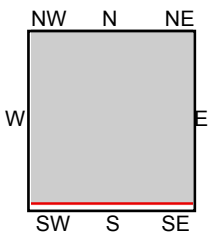
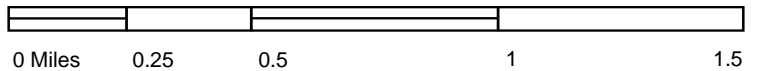
TP, Fillmore, 2012, 7.5-minute
S, Moorpark, 2012, 7.5-minute

SITE NAME: 215 and 221 Palm Street and 534 Santa Clara
ADDRESS: 215 and 221 Palm Street and 534 Santa Clara
Fillmore, CA 93015
CLIENT: Rincon





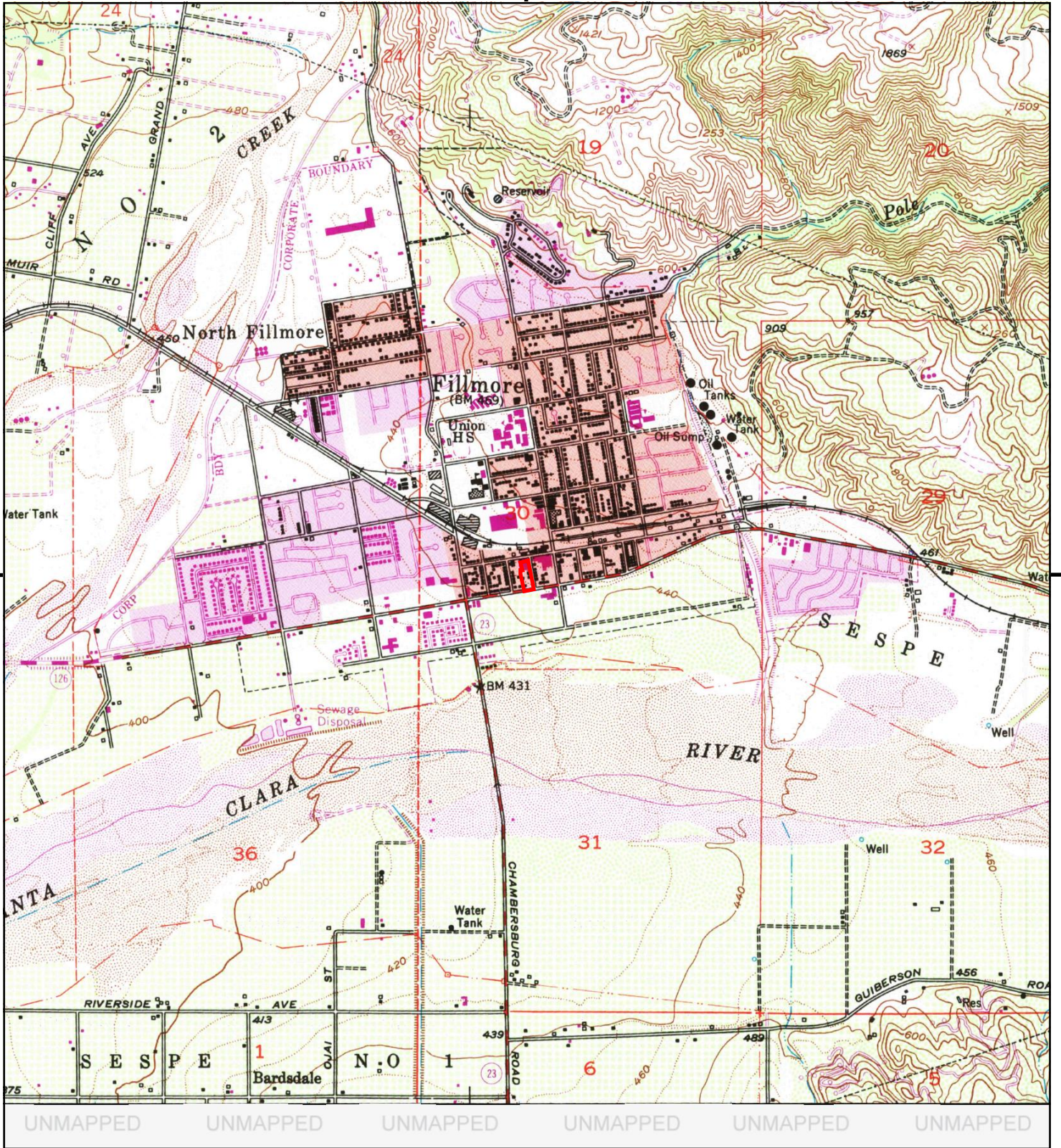
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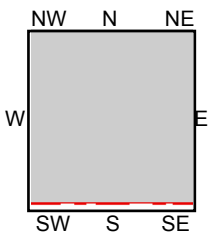
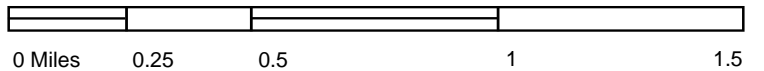
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ADDRESS: 215 and 221 Palm Street and 534 Santa Clara
 Fillmore, CA 93015
CLIENT: Rincon





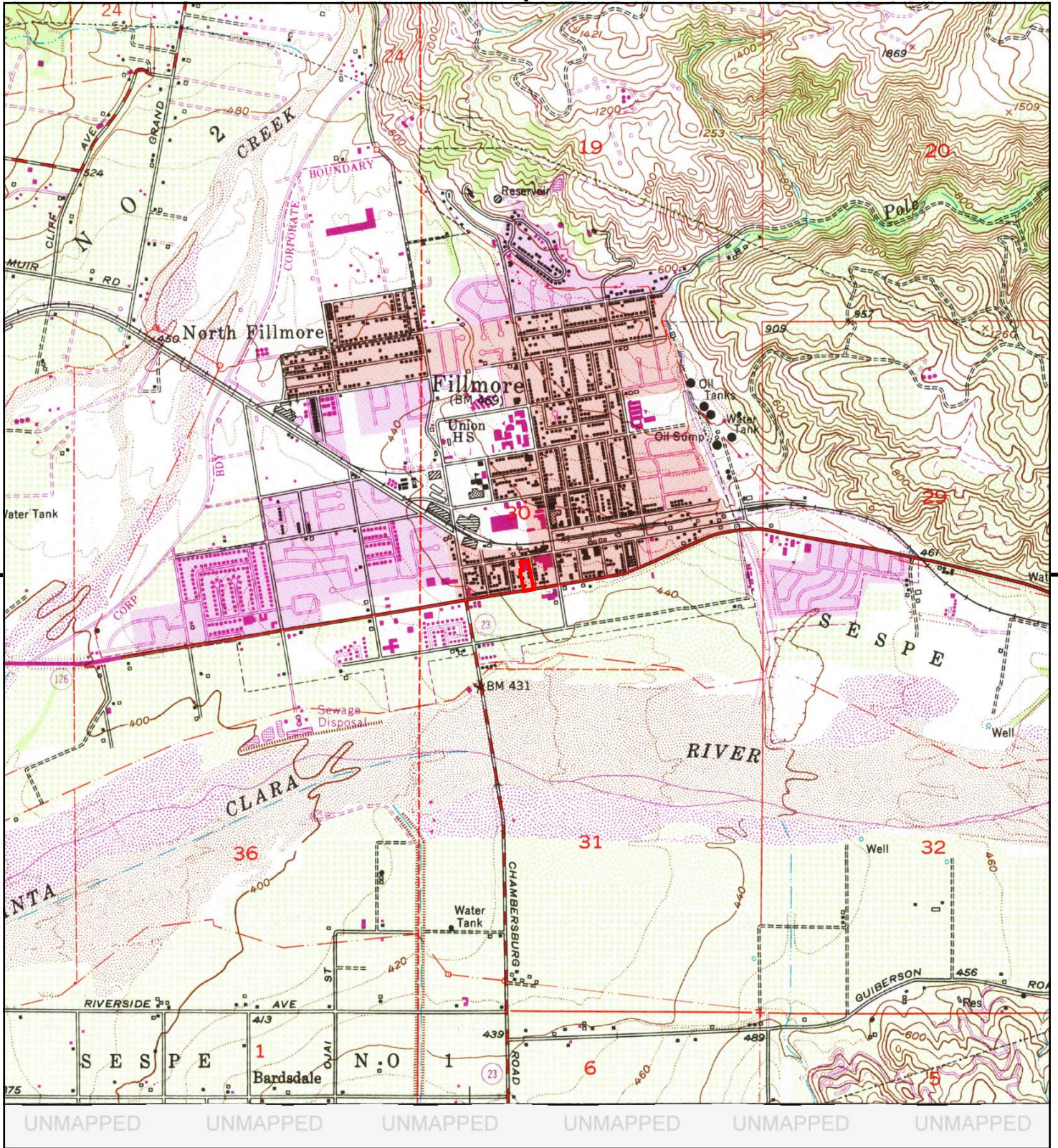
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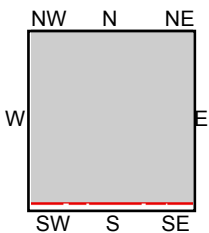
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 ADDRESS: 215 and 221 Palm Street and 534 Santa Clara Ave
 Fillmore, CA 93015
 CLIENT: Rincon





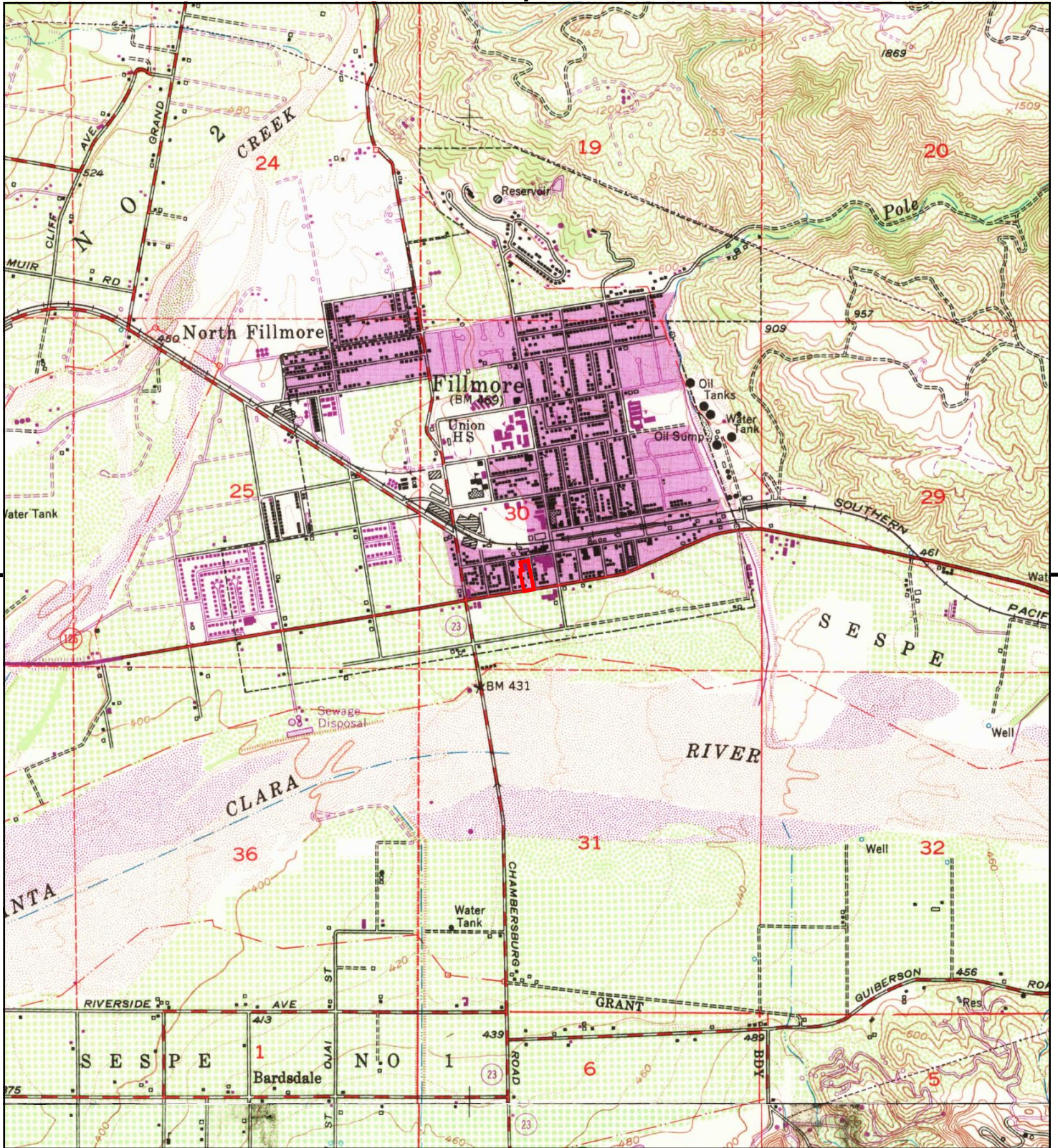
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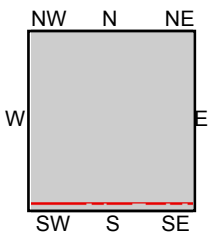
TP, Fillmore, 1988, 7.5-minute

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 ADDRESS: 215 and 221 Palm Street and 534 Santa Clara Street
 Fillmore, CA 93015
 CLIENT: Rincon





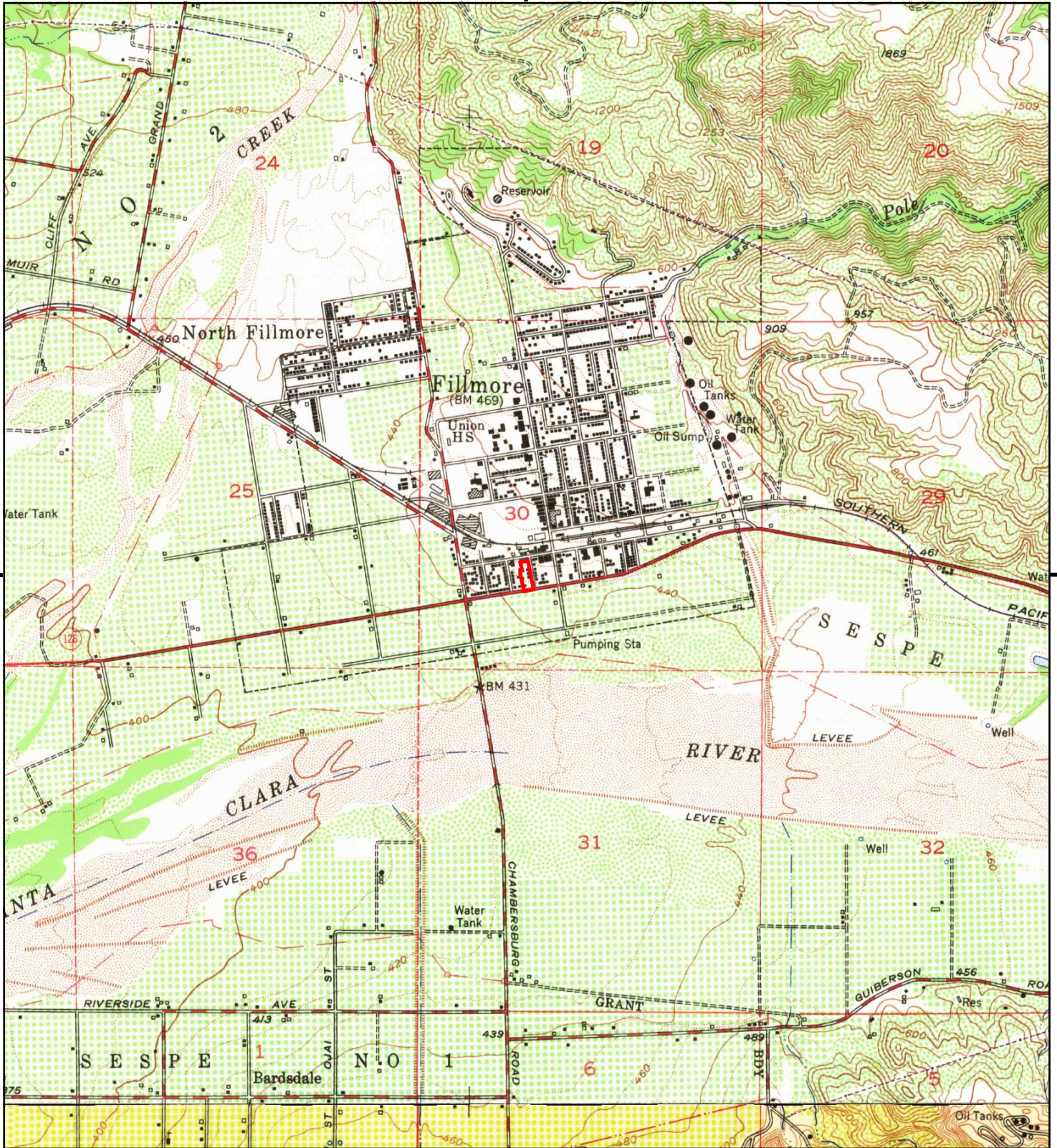
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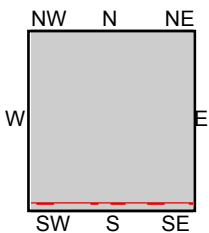
TP, Fillmore, 1969, 7.5-minute
S, Moorpark, 1969, 7.5-minute

SITE NAME: 215 and 221 Palm Street and 534 Santa ()
ADDRESS: 215 and 221 Palm Street and 534 Santa ()
Fillmore, CA 93015
CLIENT: Rincon





This report includes information from the following map sheet(s).



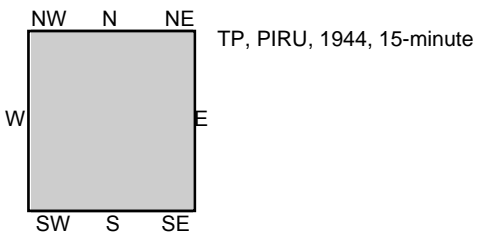
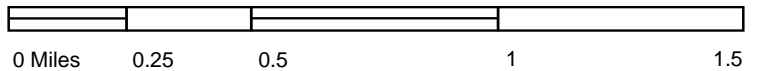
TP, Fillmore, 1951, 7.5-minute
S, Moorpark, 1951, 7.5-minute

SITE NAME: 215 and 221 Palm Street and 534 Santa ()
ADDRESS: 215 and 221 Palm Street and 534 Santa ()
Fillmore, CA 93015
CLIENT: Rincon



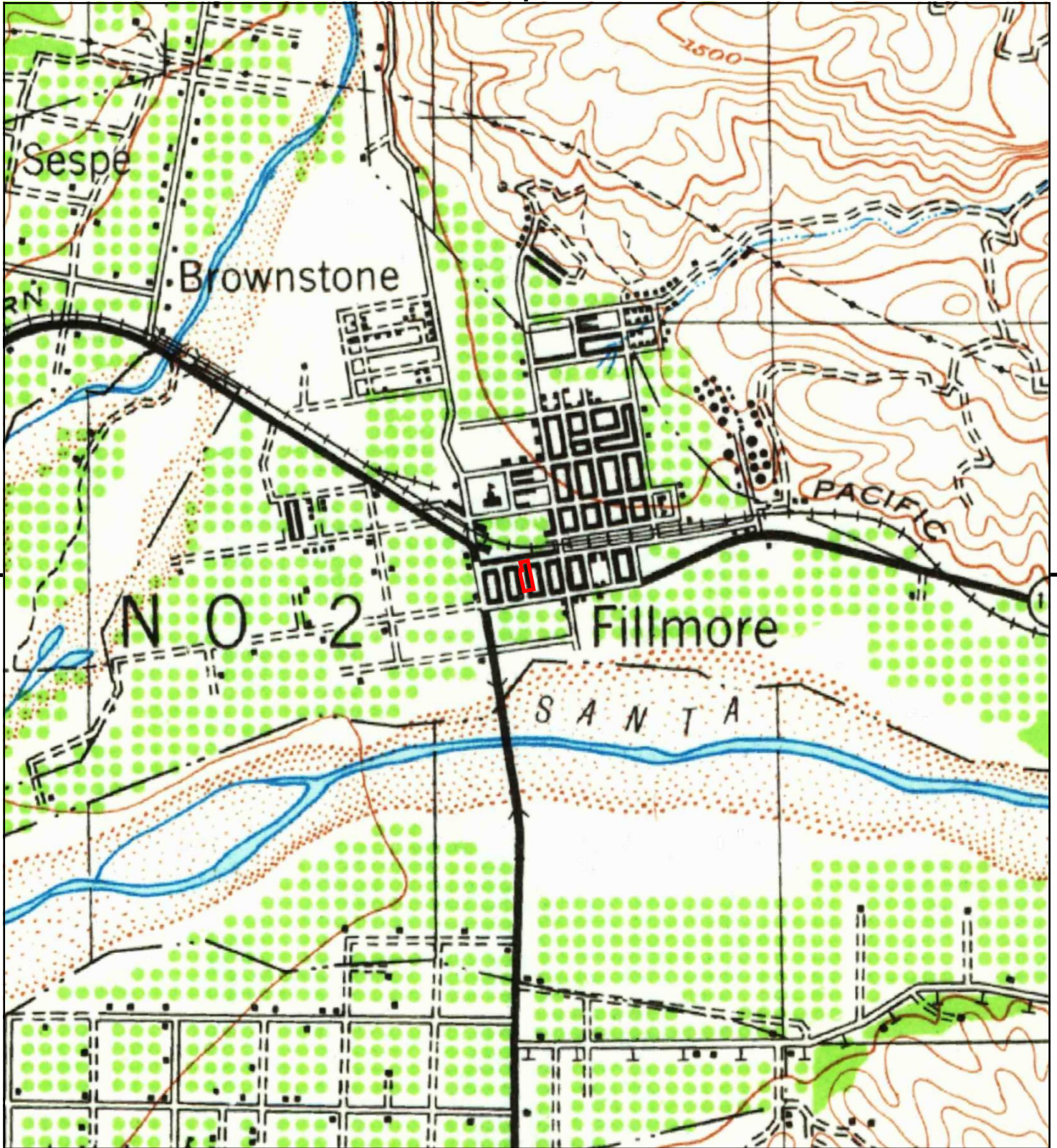


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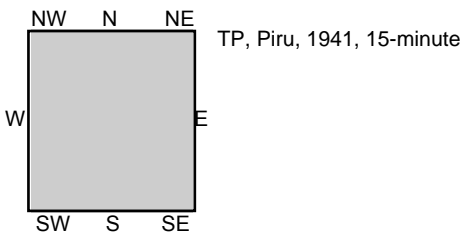
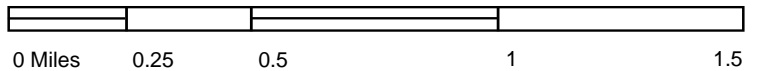


SITE NAME: 215 and 221 Palm Street and 534 Santa Clara Street
 ADDRESS: 215 and 221 Palm Street and 534 Santa Clara Street
 Fillmore, CA 93015
 CLIENT: Rincon



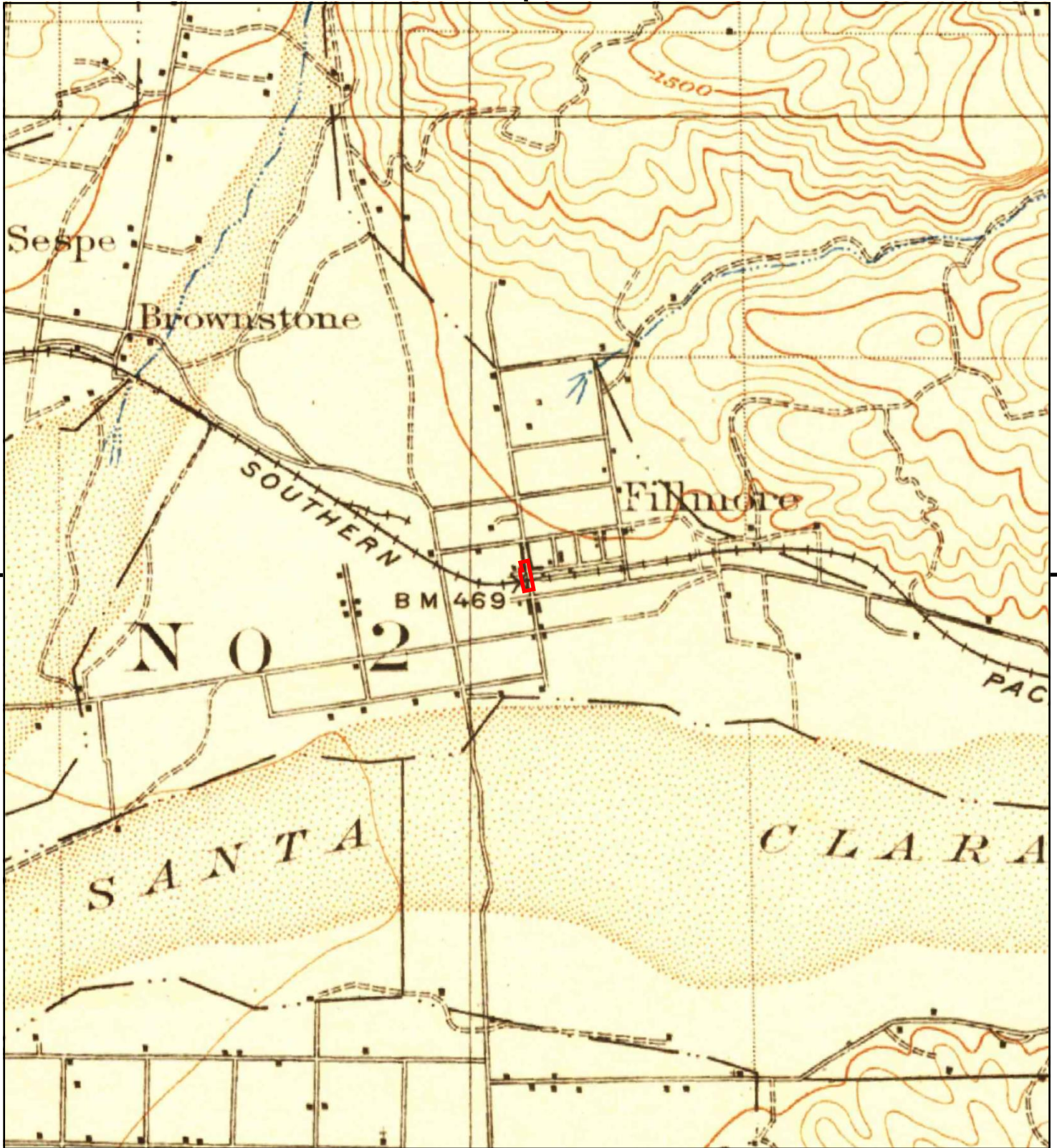


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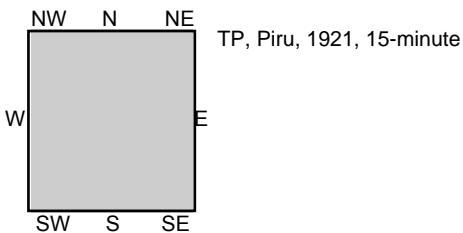


SITE NAME: 215 and 221 Palm Street and 534 Santa Ana
 ADDRESS: 215 and 221 Palm Street and 534 Santa Ana
 Fillmore, CA 93015
 CLIENT: Rincon





This report includes information from the following map sheet(s).



SITE NAME: 215 and 221 Palm Street and 534 Santa Clara
 ADDRESS: 215 and 221 Palm Street and 534 Santa Clara
 Fillmore, CA 93015
 CLIENT: Rincon





This report includes information from the following map sheet(s).



TP, Camulos, 1903, 30-minute

SITE NAME: 215 and 221 Palm Street and 534 Santa
ADDRESS: 215 and 221 Palm Street and 534 Santa
Fillmore, CA 93015
CLIENT: Rincon



215 and 221 Palm Street and 534 Santa Clara Street
215 and 221 Palm Street and 534 Santa Clara Street
Fillmore, CA 93015

Inquiry Number: 5078721.3

October 16, 2017

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
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Certified Sanborn® Map Report

10/16/17

Site Name:

215 and 221 Palm Street and 5
215 and 221 Palm Street and 5
Fillmore, CA 93015
EDR Inquiry # 5078721.3

Client Name:

Rincon
180 North Ashwood Avenue
Ventura, CA 93003-0000
Contact: Sarah Larese



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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 # DCD8-4D35-ABFE

PO # 17-05056

Project 17-05056

Maps Provided:

1939
1929
1923
1918
1911
1909



Sanborn® Library search results

Certification #: DCD8-4D35-ABFE

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- Library of Congress
- University Publications of America
- EDR Private Collection

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Sanborn Sheet Key

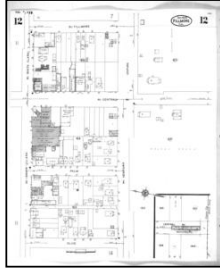
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1939 Source Sheets



Volume 1, Sheet 11
1939



Volume 1, Sheet 12
1939



Volume 1, Sheet 13
1939



Volume 1, Sheet 14
1939

1929 Source Sheets



Volume 1, Sheet 11
1929



Volume 1, Sheet 12
1929



Volume 1, Sheet 13
1929



Volume 1, Sheet 14
1929

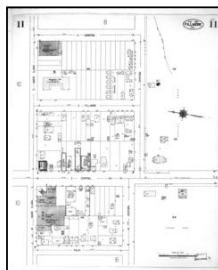
1923 Source Sheets



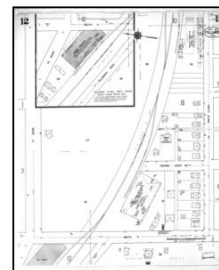
Volume 1, Sheet 6
1923



Volume 1, Sheet 10
1923



Volume 1, Sheet 11
1923



Volume 1, Sheet 12
1923

1918 Source Sheets



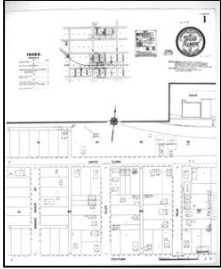
Volume 1, Sheet 7
1918

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1911 Source Sheets

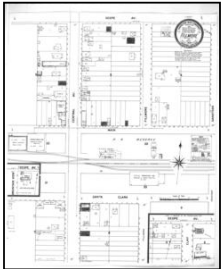


Volume 1, Sheet Keymap/Sheet 1911

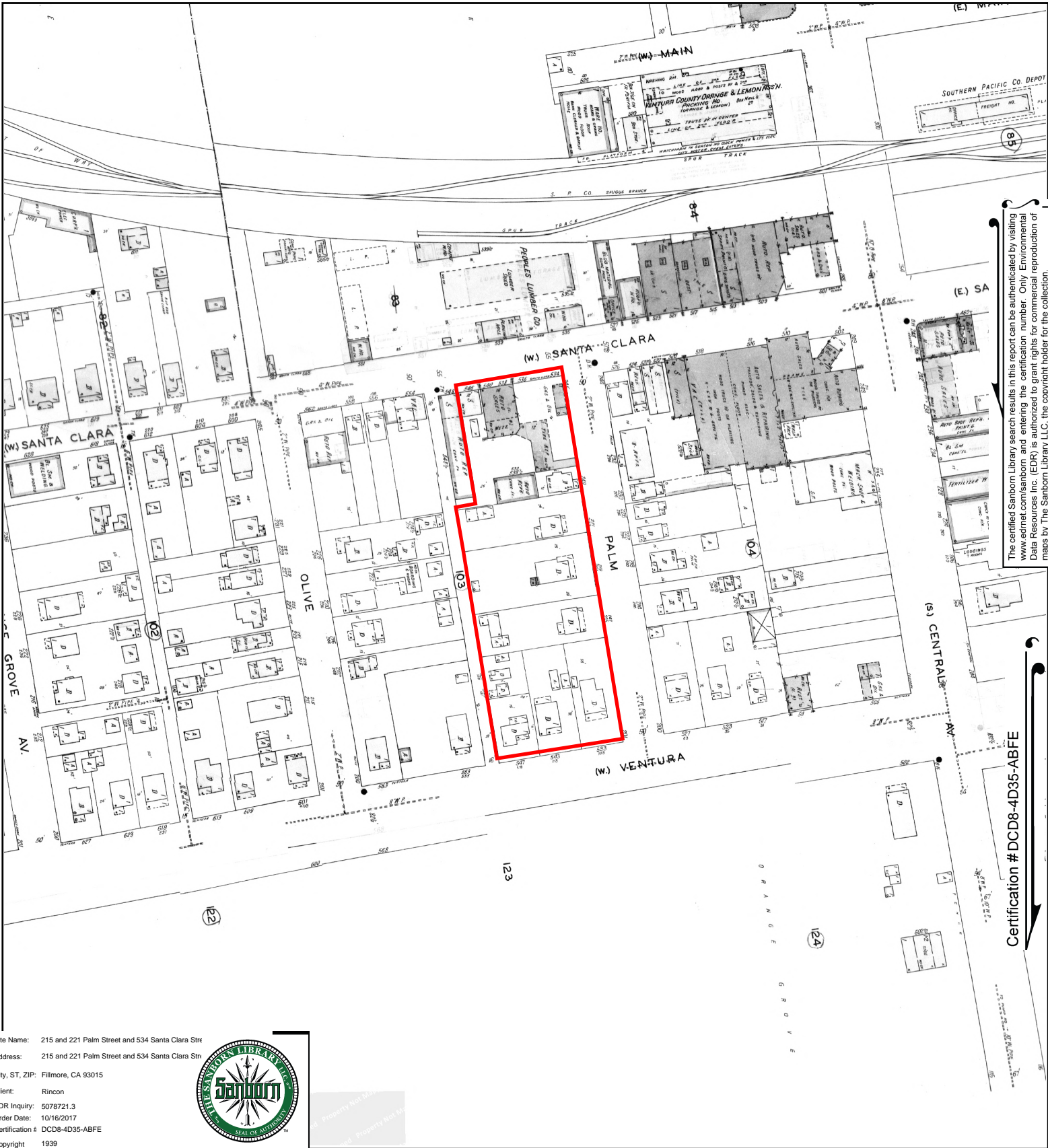


Volume 1, Sheet 2 1911

1909 Source Sheets



Volume 1, Sheet xxxx 1909



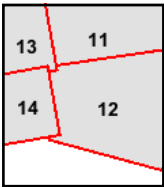
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Site Name: 215 and 221 Palm Street and 534 Santa Clara Str
 Address: 215 and 221 Palm Street and 534 Santa Clara Str
 City, ST, ZIP: Fillmore, CA 93015
 Client: Rincon
 EDR Inquiry: 5078721.3
 Order Date: 10/16/2017
 Certification # DCD8-4D35-ABFE
 Copyright 1939

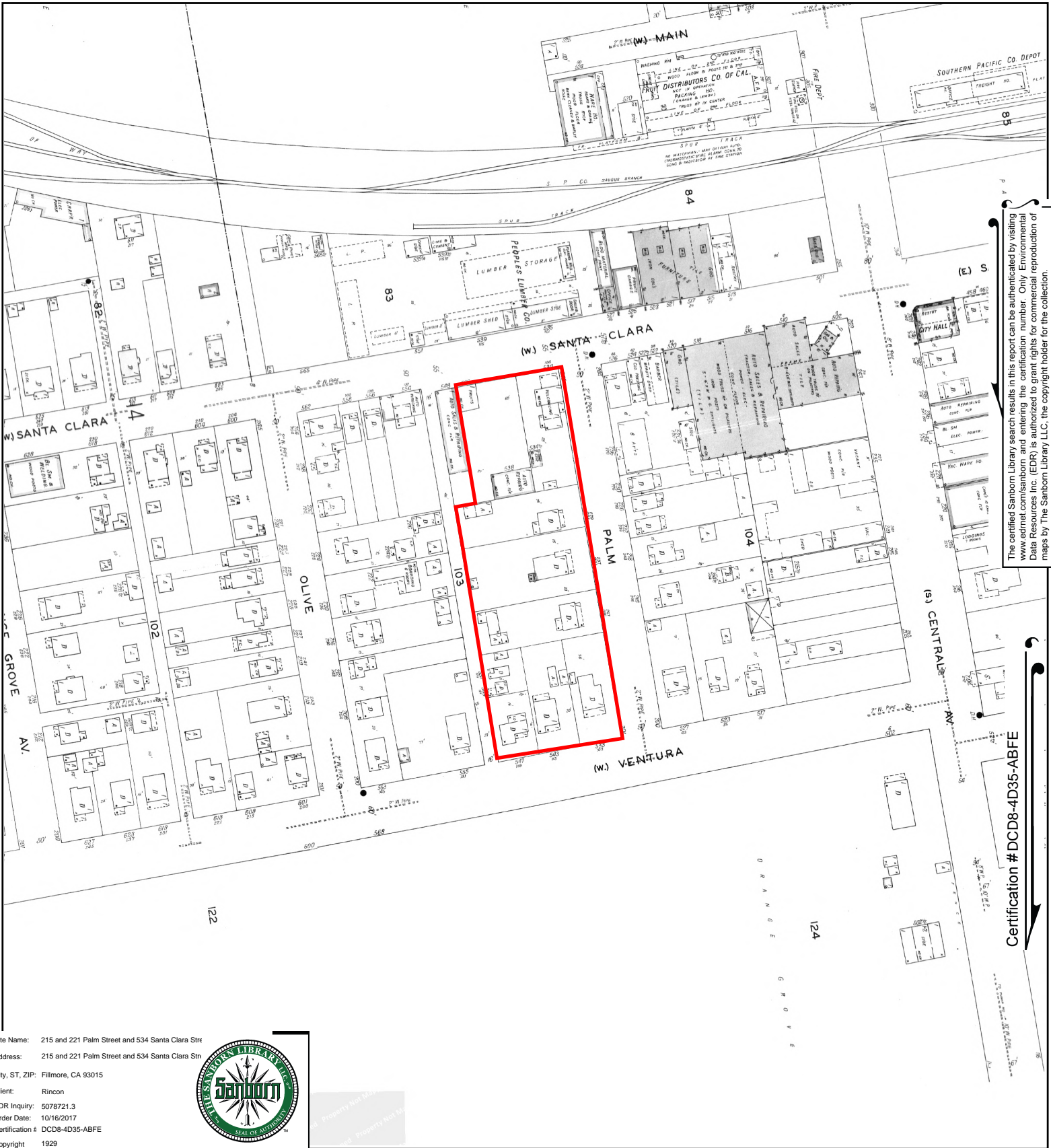


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



- Volume 1, Sheet 14
- Volume 1, Sheet 13
- Volume 1, Sheet 12
- Volume 1, Sheet 11





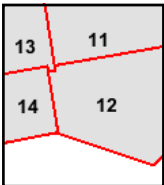
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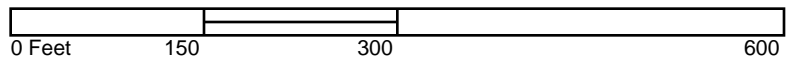
Site Name: 215 and 221 Palm Street and 534 Santa Clara Str
 Address: 215 and 221 Palm Street and 534 Santa Clara Str
 City, ST, ZIP: Fillmore, CA 93015
 Client: Rincon
 EDR Inquiry: 5078721.3
 Order Date: 10/16/2017
 Certification # DCD8-4D35-ABFE
 Copyright 1929

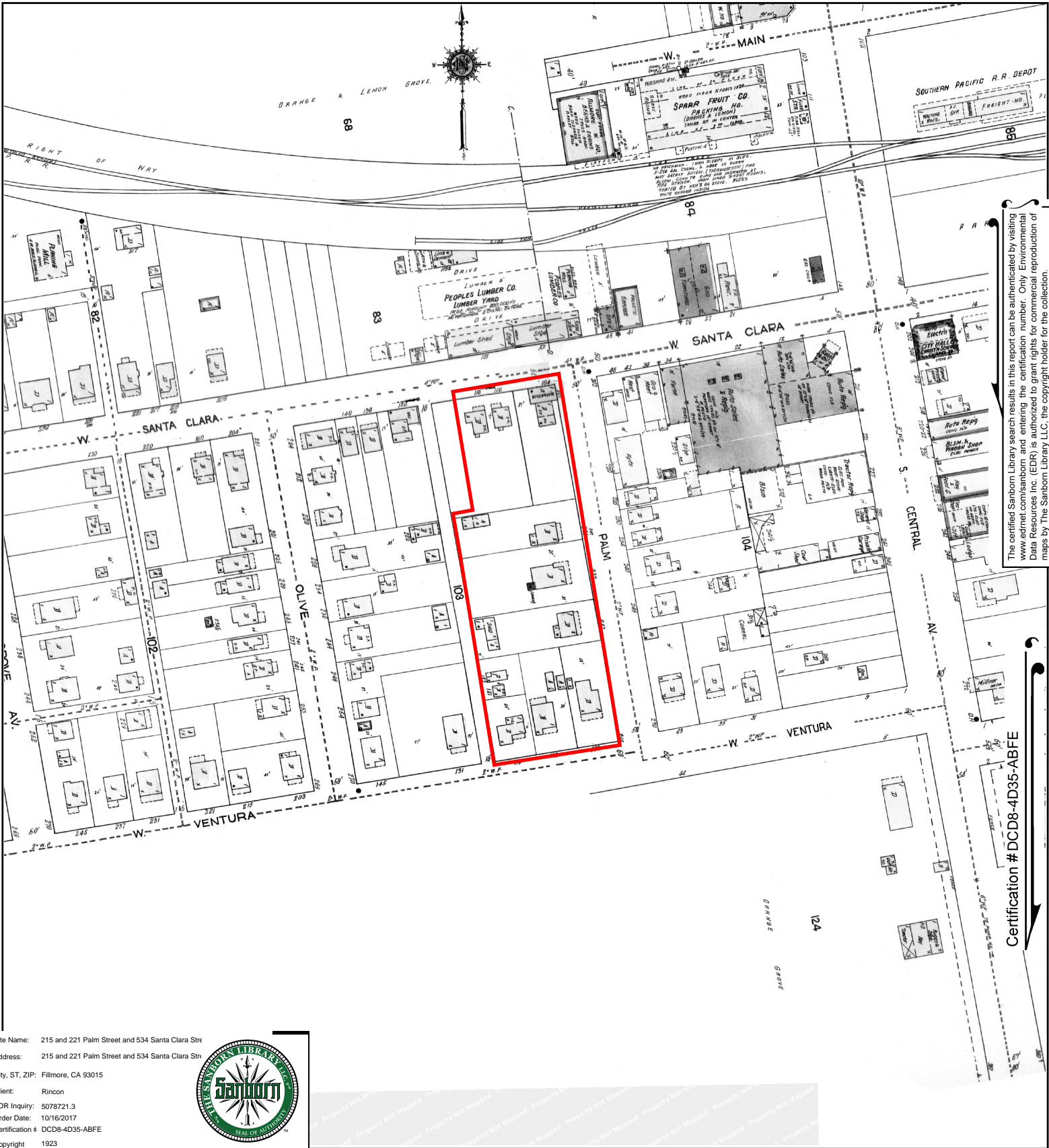


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



- Volume 1, Sheet 14
- Volume 1, Sheet 13
- Volume 1, Sheet 12
- Volume 1, Sheet 11





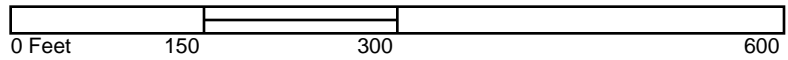
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Site Name: 215 and 221 Palm Street and 534 Santa Clara Str
 Address: 215 and 221 Palm Street and 534 Santa Clara Str
 City, ST, ZIP: Fillmore, CA 93015
 Client: Rincon
 EDR Inquiry: 5078721.3
 Order Date: 10/16/2017
 Certification # DCD8-4D35-ABFE
 Copyright 1923

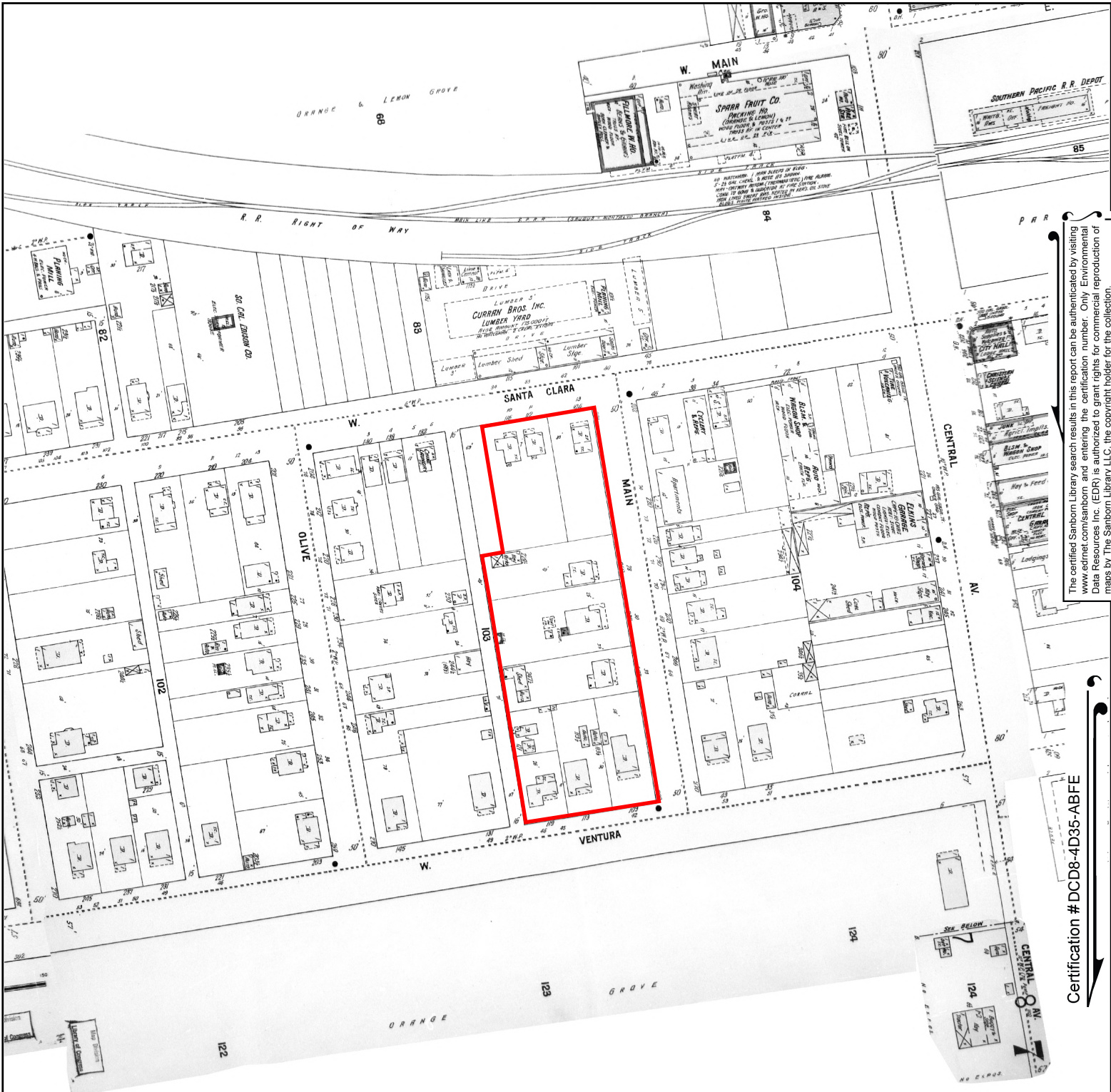


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- Volume 1, Sheet 12
- Volume 1, Sheet 11
- Volume 1, Sheet 10
- Volume 1, Sheet 6





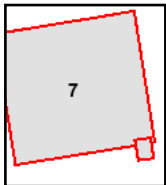
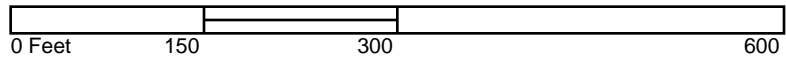
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Site Name: 215 and 221 Palm Street and 534 Santa Clara Str
 Address: 215 and 221 Palm Street and 534 Santa Clara Str
 City, ST, ZIP: Fillmore, CA 93015
 Client: Rincon
 EDR Inquiry: 5078721.3
 Order Date: 10/16/2017
 Certification #: DCD8-4D35-ABFE
 Copyright: 1918

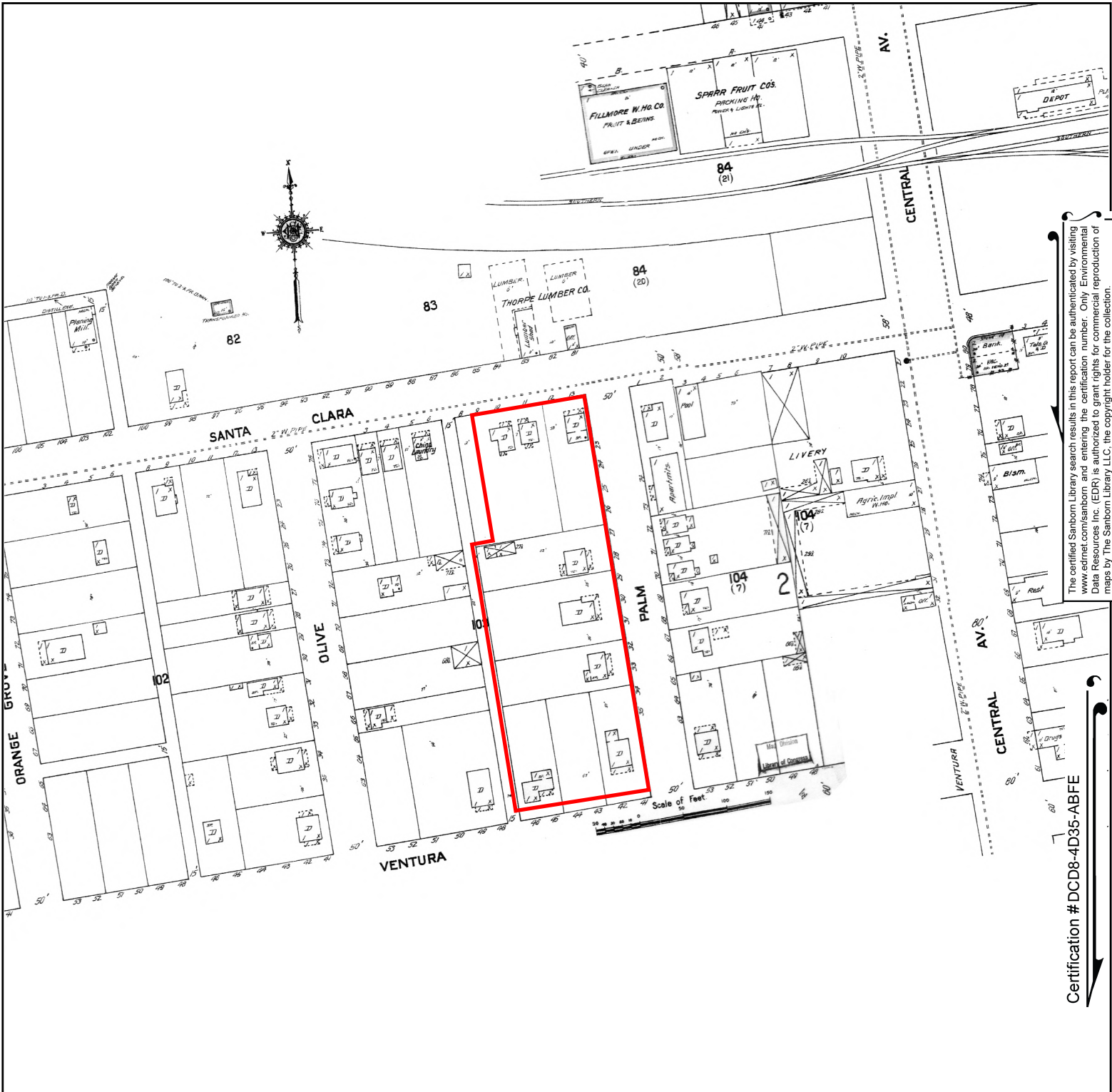


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Volume 1, Sheet 7





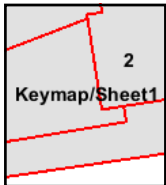
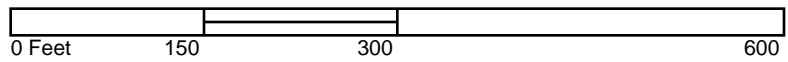
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Certification # DCD8-4D35-ABFE

Site Name: 215 and 221 Palm Street and 534 Santa Clara Str
 Address: 215 and 221 Palm Street and 534 Santa Clara Str
 City, ST, ZIP: Fillmore, CA 93015
 Client: Rincon
 EDR Inquiry: 5078721.3
 Order Date: 10/16/2017
 Certification # DCD8-4D35-ABFE
 Copyright 1911

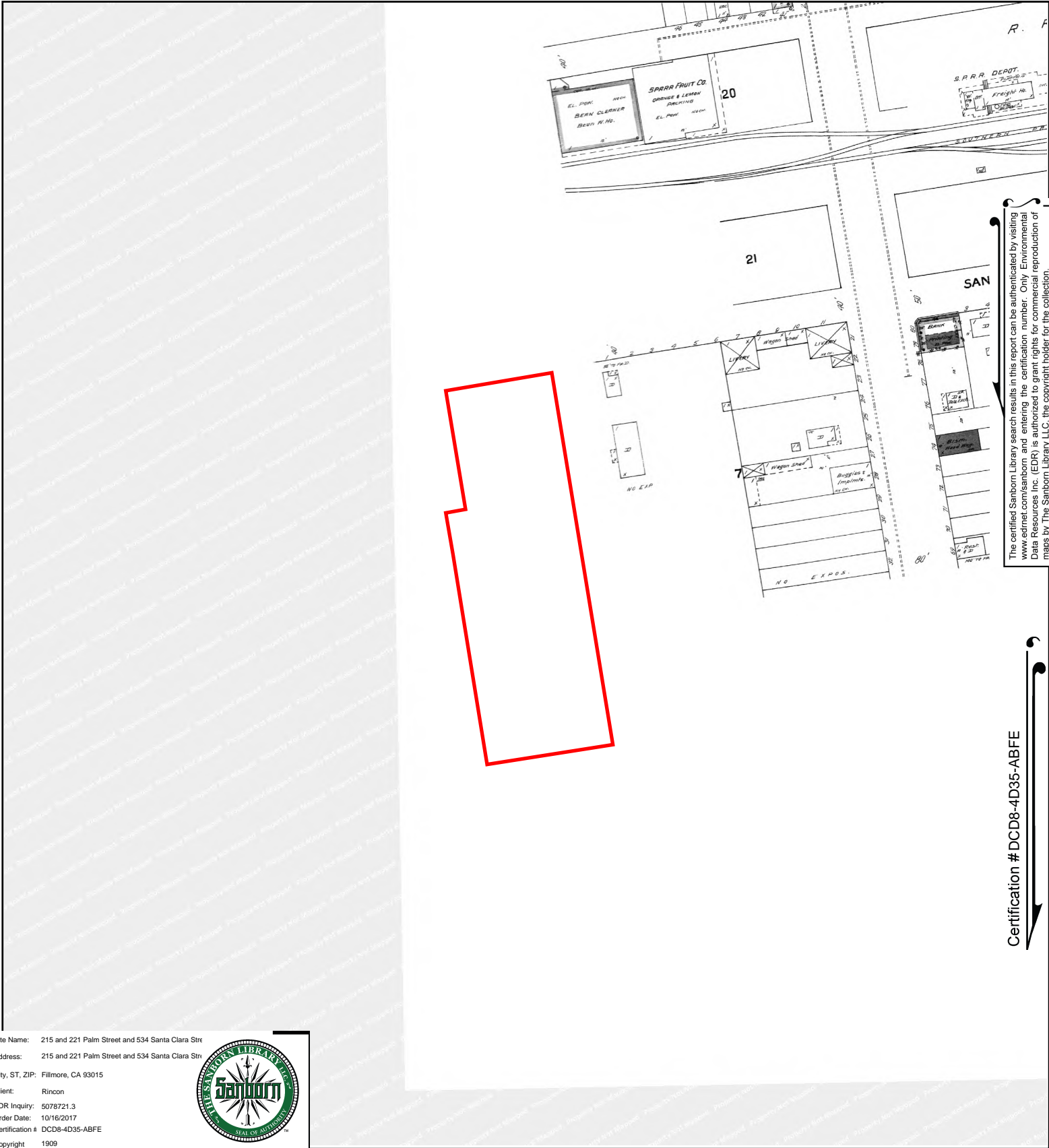


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 2
 Volume 1, Sheet Keymap/Sheet1





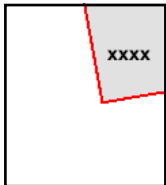
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Certification # DCD8-4D35-ABFE

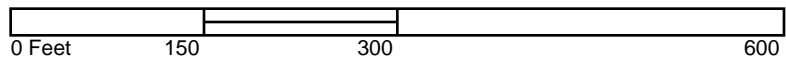
Site Name: 215 and 221 Palm Street and 534 Santa Clara Str
 Address: 215 and 221 Palm Street and 534 Santa Clara Str
 City, ST, ZIP: Fillmore, CA 93015
 Client: Rincon
 EDR Inquiry: 5078721.3
 Order Date: 10/16/2017
 Certification # DCD8-4D35-ABFE
 Copyright 1909



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet xxxx



215 and 221 Palm Street and 534 Santa Clara Street

215 and 221 Palm Street and 534 Santa Clara Street

Fillmore, CA 93015

Inquiry Number: 5078721.9

October 17, 2017

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Site Name:

215 and 221 Palm Street and 5
 215 and 221 Palm Street and 5
 Fillmore, CA 93015
 EDR Inquiry # 5078721.9

Client Name:

Rincon
 180 North Ashwood Avenue
 Ventura, CA 93003-0000
 Contact: Sarah Larese



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Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1985	1"=500'	Flight Date: September 12, 1985	USDA
1978	1"=500'	Flight Date: September 21, 1978	USDA
1969	1"=500'	Flight Date: July 25, 1969	USGS
1959	1"=500'	Flight Date: October 04, 1959	USDA
1953	1"=500'	Flight Date: November 16, 1953	USGS
1947	1"=500'	Flight Date: August 16, 1947	USGS
1938	1"=500'	Flight Date: May 10, 1938	USDA

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INQUIRY #: 5078721.9

YEAR: 2012

— = 500'





INQUIRY #: 5078721.9

YEAR: 2010

— = 500'





INQUIRY #: 5078721.9

YEAR: 2009

— = 500'





INQUIRY #: 5078721.9

YEAR: 2005

— = 500'





INQUIRY #: 5078721.9

YEAR: 1994

— = 500'





INQUIRY #: 5078721.9

YEAR: 1985

— = 500'





INQUIRY #: 5078721.9

YEAR: 1978

— = 500'





INQUIRY #: 5078721.9

YEAR: 1969

— = 500'





INQUIRY #: 5078721.9

YEAR: 1959

— = 500'





INQUIRY #: 5078721.9

YEAR: 1953

— = 500'





INQUIRY #: 5078721.9

YEAR: 1947

— = 500'





INQUIRY #: 5078721.9

YEAR: 1938

— = 500'



215 and 221 Palm Street and 534 Santa Clara Street

215 and 221 Palm Street and 534 Santa Clara Street
Fillmore, CA 93015

Inquiry Number: 5078721.5
October 17, 2017

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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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 1926 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 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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Data by

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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>
2014	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2005	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2002	Haines & Company, Inc.	-	X	X	-
	Haines & Company, Inc.	X	X	X	-
2000	Pacific Bell Telephone Co	-	-	-	-
1996	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1993	GTE	-	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1993	GTE	X	X	X	-
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1985	Pacific Telephone Co	-	X	X	-
	Pacific Telephone Co	X	X	X	-
1980	Polk	-	X	X	-
	Polk	X	X	X	-
1976	R. L. Polk & Co.	-	-	-	-
1975	General Telephone Company of California	-	X	X	-
	General Telephone Company of California	X	X	X	-
	Pacific Telephone Co	-	X	X	-
	Pacific Telephone Co	X	X	X	-
1971	B&G Publications	-	-	-	-
1970	General Telephone Company of California	-	X	X	-
	General Telephone Company of California	X	X	X	-
1968	B&G Publications	-	-	-	-
1965	Polk	-	-	-	-
1964	Pacific Telephone Co	-	X	X	-
	Pacific Telephone Co	X	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1957	R. L. Polk & Co.	-	-	-	-
1953	R. L. Polk & Co. of California	-	X	X	-
1949	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1940	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
	Southern California	-	X	X	-
	Southern California	X	X	X	-
1930	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1926	Los Angeles Directory Co.	-	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
W Ventura Street (500 block)	Client Entered	
Santa Clara Street (500 block)	Client Entered	
Olive Street (200 block)	Client Entered	
Palm Street (200 block)	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

215 and 221 Palm Street and 534 Santa Clara Street
Fillmore, CA 93015

FINDINGS DETAIL

Target Property research detail.

Palm St

215 Palm St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	FILLMORE RENTALS	EDR Digital Archive
	WEAVER MARINE	EDR Digital Archive
2005	FILLMORE RENTALS	EDR Digital Archive
	WEAVER MARINE	EDR Digital Archive

PALM ST

215 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	FLLMORE RENTALS	Haines & Company, Inc.
1996	234 Hernandez Antonio G	Pacific Bell
	FILLMORE RENTALS	Pacific Bell
1986	Mikrex Centerless Grinding	Pacific Bell
	RICHARDS ON PON TIAC BUICK GM	Pacific Bell
1985	Mikrex Centerless Grinding	Pacific Telephone Co
	Used Car Dept	Pacific Telephone Co
1980	Parts Dept	Polk
	Used Car Dept	Polk
1975	Used Car Dept	General Telephone Company of California
1970	Used Car Dept	General Telephone Company of California
1964	Used Car Dept	Pacific Telephone Co

221 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PHi LLIPS Harold	Haines & Company, Inc.
1986	Martinez Loreto	Pacific Bell
1975	Le Bard Omar W	General Telephone Company of California

FINDINGS

SANTA CLARA

534 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GRIMALDO ENTERPRISES	Pacific Bell
	STUDIO ONE	Pacific Bell
1975	JONES BROS & SONS PONTIAC & G MC TRUCKS	Pacific Telephone Co
	JONES BROS & SONS PONTIAC	Pacific Telephone Co
	New Car Dept	Pacific Telephone Co
	Parts Dept	Pacific Telephone Co
1964	JONES BROS & SONS G M C TRUCKS	Pacific Telephone Co
	JONES BROS & SONS PONTIAC New Car Dept	Pacific Telephone Co
	Tire Dept	Pacific Telephone Co
1940	Fillmore Vulcanizing Wks	Southern California
	Shelf Oil Co Inc Agcy	Southern California

SANTA CLARA AVE

534 SANTA CLARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Grimaldo Enterprises	GTE
	Grimaud R & D	GTE

Santa Clara St

534 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	GRIMALDO ENTERPRISES	EDR Digital Archive
2010	GRIMALDO ENTERPRISES	EDR Digital Archive
2005	GRIMALDO ENTERPRISES	EDR Digital Archive

SANTA CLARA ST

534 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Silver Heels Saddlery	GTE
1986	BOBS N E W & US E D FURN ITURE	Pacific Bell
	Bobs TV Repair	Pacific Bell
1985	Bobs New & Used Furniture	Pacific Telephone Co

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	Bobs TV Repair	Pacific Telephone Co
	PHILLIPS PONTIAC BUICK GMC New Car Dept	Pacific Telephone Co
1980	Parts Dept	Polk
	PHILLIPS PONTIAC BUICK GMC New Car Dept	Polk
1975	JON E S BROS & S ON S PON TIAC & G M C TRUCKS	General Telephone Company of California
	Jones Bruce B	General Telephone Company of California
	New Car Dept	General Telephone Company of California
	Parts Dept	General Telephone Company of California
	Tire Dept	General Telephone Company of California
	JONES BROS & SONS PONTIAC	Pacific Telephone Co
	Tire Dept	Pacific Telephone Co
1970	JON E S BROS & S ON S PON TIAC & GMC TRUCKS	General Telephone Company of California
	New Car Dept	General Telephone Company of California
	Parts Dept	General Telephone Company of California
1949	CASE J I TRACTORS AND FARM EQUIPMENT Jones Bros Dealers	Los Angeles Directory Co.
	FIRESTONE STORES Jones Brothers	Los Angeles Directory Co.
	PONTIAC AND GMC SALES AND SERVICE Jones Bros Dealers	Los Angeles Directory Co.
1930	Jones Bros R J and O J tires	Los Angeles Directory Co.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CENTRAL

200 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Thornton Jas K Mattye M tchr High Sch	Los Angeles Directory Co.

206 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Mary Frances V tchr	Los Angeles Directory Co.

211 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Guthrie Wm S Merilla tmstr	Los Angeles Directory Co.

214 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Sunny Side Rooms N P Carlberg	Los Angeles Directory Co.
	Carlberg Nels P Sarah Sunny Side Rooms	Los Angeles Directory Co.
	Swanson Norton H Lena E oilwkr	Los Angeles Directory Co.

216 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Sanderson Fred	Pacific Telephone Co

220 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Central Av Garage E P and S S Irwin	Los Angeles Directory Co.
	Fire Department C W Travers chf	Los Angeles Directory Co.

224 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	FILLMORE AUTO ELECTRIC	Pacific Telephone Co
1964	FILLMORE AUTO ELECTRIC	Pacific Telephone Co
1926	Opsahl Haakon janitor I 0 0 F Hall	Los Angeles Directory Co.
	Breeden Vevia phone opr	Los Angeles Directory Co.
	Olney Harman L Lela oilwkr	Los Angeles Directory Co.

FINDINGS

227 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	CORL & FLEMING INC implmnts	Pacific Telephone Co
1940	Corl & Fleming tractors	Southern California

230 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Basolo Jos Ethel feed	Los Angeles Directory Co.

232 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Froehlich Wm blksmith	Los Angeles Directory Co.

234 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Marsili Constantine Florence dentist	Los Angeles Directory Co.
	Brown Sherman A auto trmr	Los Angeles Directory Co.

236 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Body Shop	Pacific Telephone Co

242 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	FILLMORE AMERICAN THE Weekly Benigno de Hoyos	Los Angeles Directory Co.
	LA VOZ DE LA COLONIA Weekly Benigno de Hoyos	Los Angeles Directory Co.
	Fillmore Branch Ventura County Free Library Mrs Bonnetta Dresser custodian	Los Angeles Directory Co.

244 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Christian Science Reading Room	Los Angeles Directory Co.
	First Church of Christ Scientist	Los Angeles Directory Co.
	First Presbyterian Church of Fillmore Rev G U Gammon pastor Central av	Los Angeles Directory Co.

246 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Marine Richard brbr shop	Pacific Telephone Co
1926	Floyd Malina Mrs	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	City Trustees W H Price chairman Alex James E C Fuller W W Newcomer A W Taylor City Hall	Los Angeles Directory Co.
	City Treasurer A C Sallee City Hall	Los Angeles Directory Co.
	City Recorder Clarence Arrasmith City Hall	Los Angeles Directory Co.
	City Marshal E M Hume City Hall	Los Angeles Directory Co.
	City Manager Clarence Arrasmith City Hall	Los Angeles Directory Co.
	City Health Officer H B Osborn City Hall	Los Angeles Directory Co.
	Hooper Nellie F	Los Angeles Directory Co.
	City Hall	Los Angeles Directory Co.
	Hooper Lester lab	Los Angeles Directory Co.
	Hooper Joannia Mrs	Los Angeles Directory Co.

248 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Ridenbaugh Harry P Eliz restr	Los Angeles Directory Co.

311 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	NUTT EDWIN & HEDRICK SANGER rl est	Pacific Telephone Co
	VENTURA COUNTY CITRUS ASSN	Pacific Telephone Co
1926	Sparr Fruit Co P S Burns mgr	Los Angeles Directory Co.

316 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	BANK OF A LEVY	Pacific Telephone Co
	Fillmore Ofc	Pacific Telephone Co
1964	Fillmore Fillmore Branch	Pacific Telephone Co
1926	Fillmore State Bank G W Tighe pres C C Elkins v pres G W Harmonson cashr	Los Angeles Directory Co.

317 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	DICKS MARKET	Pacific Telephone Co
1964	Fillmore Mkt	Pacific Telephone Co
1926	Cash Commercial Co C W Harthorn mgr gros	Los Angeles Directory Co.

FINDINGS

319 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Haase Oscar Beulah baker	Los Angeles Directory Co.

320 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	FILLMORE BOOTERY	Pacific Telephone Co
1964	FILLMORE BOOTERY	Pacific Telephone Co
1926	Martinez Hermenegildo iEpimenia do	Los Angeles Directory Co.

321 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Jessies Fillmore Cafe	Pacific Telephone Co
1964	Jessies Fillmore Cafe	Pacific Telephone Co
1926	Hu Immel Clara M mlnr Coleman Albert T Isla G meats	Los Angeles Directory Co. Los Angeles Directory Co.

322 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Lennarz Pastry Shop	Pacific Telephone Co
1940	Fire Chief 57 Centr ltl Fire Dept	Southern California Southern California
1926	Hickey Bros Co H S Patterson mgr hdw	Los Angeles Directory Co.

323 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Cloughs Pharmacy	Southern California
1926	Clough Oliver T Emma A drugs	Los Angeles Directory Co.

324 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	FILLMORE FLOWER SHOP	Pacific Telephone Co
1926	Lindenfeld Nicholas J Emily G gro	Los Angeles Directory Co.

325 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Simon Herman Lillian tailor Newcomer Walter W Eliz 0 shoes	Los Angeles Directory Co. Los Angeles Directory Co.

326 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	SMITH DRESS SHOP	Pacific Telephone Co

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Gussin Wm dry gds	Los Angeles Directory Co.

327 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Cloughs Pharmacy	Pacific Telephone Co
1926	Pappas Steve Cleopatra Fillmore Cafe and restr	Los Angeles Directory Co.

328 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	COCHRAN CHAMP C mens wear	Pacific Telephone Co
1964	COCHRAN CHAMP C mens wear	Pacific Telephone Co
1926	GOODYEAR SERVICE STATION Ed Gravell A cor Santa Clara	Los Angeles Directory Co.
	Goodenough & Co E 0 Goodenough E W Kitchen do	Los Angeles Directory Co.

329 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Sweet Shop The	Pacific Telephone Co
1926	Fillmore Sweet Shop Michl Lafkas Geo Drivas	Los Angeles Directory Co.

330 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Adhouse The	Pacific Bell
1975	Fillmore Church Of Religious Science thrift shop	Pacific Telephone Co
1964	Southerlands Variety Store	Pacific Telephone Co
1949	STOCKERS DEPARTMENT STORE Sami C Stocker Mgr	Los Angeles Directory Co.
	STOCKERS DEPARTMENT STORE Sami C Stocker Mgr	Los Angeles Directory Co.
1926	NEW YORK LIFE INSURANCE CO H K Barnes Special Agent	Los Angeles Directory Co.
	BARNES HENRY K Leah Special Agt New York Life Ins Co	Los Angeles Directory Co.

331 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Klotz Benj C clnr	Los Angeles Directory Co.

FINDINGS

332 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Holzhausen Chas Margt baker	Los Angeles Directory Co.

333 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Southland Studioa C S Cochran J F Stork photogrs	Los Angeles Directory Co.

334 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Fillmore Drug Store	Pacific Telephone Co
	Ofc	Pacific Telephone Co
	Brooks Robt E DC	Pacific Telephone Co
1964	Fillmore Drug Store	Pacific Telephone Co
1940	Manning W R Dr ofe	Southern California
1926	Poplin Robt L Mattie dentist	Los Angeles Directory Co.
	Heying Edw G Mae drugs	Los Angeles Directory Co.

335 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	SCHERZINGER JEWELERS	Pacific Telephone Co
1964	SCHERZINGER JEWELERS	Pacific Telephone Co
1926	Langes Gus Louisa confr	Los Angeles Directory Co.

336 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	TERRIS BEAUTY SALON	Pacific Telephone Co
1964	HOWARDS JEWELERS	Pacific Telephone Co
1926	Barnes Theatre Merton Barnes mot pict	Los Angeles Directory Co.
	Everitt Montague Margt jwlr	Los Angeles Directory Co.

337 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Ray Jack mens do	Los Angeles Directory Co.
1926	Southwicks Inc C J Dick mgr do	Los Angeles Directory Co.

338 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Palace Barber Shop	Pacific Telephone Co
	Towne Theatre	Pacific Telephone Co
1964	Palace Barber Shop	Pacific Telephone Co

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Pearson Orrie E Pearl barber	Los Angeles Directory Co.

339 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Hansen Robt Photographer Fillmore Studio	Pacific Telephone Co
	Fillmore Studio photgrphy	Pacific Telephone Co
1964	Hansen Robt Photographer Fillmore Studio	Pacific Telephone Co
	Fillmore Studio photgrphy	Pacific Telephone Co
1926	Hobson Bros Packing Co R W Ruskatiff mgr	Los Angeles Directory Co.

340 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	BRIGGS HARDWARE	Pacific Telephone Co
1964	Hooper Philip J	Pacific Telephone Co
	Briggs Loren G investmts	Pacific Telephone Co
	BRIGGS HDWE	Pacific Telephone Co
1926	WHALEY & WHALEY F C Whaley United Cigar Store Agency and Billiard Hall	Los Angeles Directory Co.
	Metzger David shoe shiner	Los Angeles Directory Co.
	I O O F Hall	Los Angeles Directory Co.
	Foote Building	Los Angeles Directory Co.

341 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Fillmore News Stand	Pacific Telephone Co
1926	United Mercantile Co J D Mc Lean mgr geni mdse	Los Angeles Directory Co.
	Fillmore Grammar School J M Horton prin Mt View cor Sespe	Los Angeles Directory Co.
	Fillmore Club M J Burgen mgr	Los Angeles Directory Co.

342 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Oasis Confectionery and Lunch F C Whaley	Los Angeles Directory Co.

343 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Fillmore Club	Pacific Telephone Co
1964	Menschs Dress Shop	Pacific Telephone Co

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Mc Carty Howard M Margt slsmn Rudkin Motor Serv h	Los Angeles Directory Co.
1940	Fillmore Club	Southern California

344 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Shirleys	Pacific Telephone Co
1964	Marthas	Pacific Telephone Co
1926	Massey Walter S Stella M notions	Los Angeles Directory Co.

345 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Crawford Furn Store	Pacific Telephone Co

346 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Lamberg Albert E Glenna jwlr	Los Angeles Directory Co.
	AETNA LIFE INSURANCE CO Wm E Mc Campbell Agt	Los Angeles Directory Co.

348 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	BALLARD FURNITURE STORE	Pacific Telephone Co
1964	BALLARD FURN STORE	Pacific Telephone Co
1926	Philbrook Herbert E Mary gro	Los Angeles Directory Co.

350 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Fowler Wm H Lucy restr	Los Angeles Directory Co.

351 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Central Mkt The	Pacific Telephone Co

352 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Williams Howard E Susan agt Am Ry Express pianos	Los Angeles Directory Co.
	Romain Stanley Edna W electn	Los Angeles Directory Co.
	American Railway Express H E Williams agt	Los Angeles Directory Co.

FINDINGS

353 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Isle Nbna E Ollie M gro	Los Angeles Directory Co.

363 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Sprouse Reitz Variety Stores Fillmore	Pacific Telephone Co

364 CENTRAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Fillmore Br	Pacific Telephone Co

Central Ave

211 Central Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HIGH CAMP CREATIONS	EDR Digital Archive
	HIGH CAMP CREATIONS	EDR Digital Archive

CENTRAL AVE

211 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	e SANTAYNEZVALLEY	Haines & Company, Inc.
	TRAILERS	Haines & Company, Inc.
1993	Used Car Sales	GTE
	Used Car Sales	GTE
	Used Car Sales	GTE
	Used Car Sales	GTE
	Used Car Sales	GTE
	Used Car Sales	GTE
	MORRIS W M	GTE
	Used Car Sales	GTE
	MORRIS W M	GTE
	Used Car Sales	GTE
	MORRIS W M	GTE
	Used Car Sales	GTE
	Used Car Sales	GTE
	MORRIS W M	GTE
	MORRIS W M	GTE
1986	Used Car Sales	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MORRIS W M L CHEVROLET AND OLDSMOBILE FILLMORE Contd Fillmore Contd	Pacific Bell
	Used Car Sales	Pacific Bell
	Used Car Sales	Pacific Bell
	Used Car Sales	Pacific Bell
	Used Car Sales	Pacific Bell
1985	Used Car Sales	Pacific Telephone Co
	Used Car Sales	Pacific Telephone Co
	Used Car Sales	Pacific Telephone Co
	Used Car Sales	Pacific Telephone Co
1980	Used Car Sales	Polk
	Used Car Sales	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Used Car Sales	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Used Car Sales	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Used Car Sales	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Used Car Sales	Polk

216 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Webb Ida wid F F h	Los Angeles Directory Co.
1940	Carlberg N P r	Southern California

217 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Guthrie Win F Merilla	Los Angeles Directory Co.

220 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Rainwater Conrad Wilda sta atdt h	Los Angeles Directory Co.
	Shermic Marie Mrs fruitwkr r	Los Angeles Directory Co.
	Sunnyside Rooms Mrs Ida Webb mgr	Los Angeles Directory Co.
	Mills Raymond jan h	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Beauchamp Patk S Rev pastor First Baptist Ch r	Los Angeles Directory Co.
	Burnett Jas oilwkr r	Los Angeles Directory Co.
	Chaney Lee r	Los Angeles Directory Co.
	Lee A fruitwkr r	Los Angeles Directory Co.
	Manes P Houston dr r	Los Angeles Directory Co.
1930	Sunnyside Rooms N P Carlberg	Los Angeles Directory Co.
	Carlberg Nels P Sarah J Sunnyside Rooms	Los Angeles Directory Co.
	Risser Paula Rev pastor Foursquare Gospel Lighthouse	Los Angeles Directory Co.

224 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	JACKMAAN Sherwood	Haines & Company, Inc.
1993	Fillmore Real Estate	GTE
	Myhre Business Services	GTE
	Mc Kinnons	GTE
	Myhre Business Services	GTE
	Mc Kinny M @Camarillo	GTE
	Fillmore Real Estate	GTE
	Mc Kinnons	GTE
1986	Fillmore Auto Electric	Pacific Bell
1985	Fillmore Auto Electric	Pacific Telephone Co
1980	Fillmore Auto Electric	Polk
1949	Walsh Thos H Ruth J auto repr	Los Angeles Directory Co.
1940	Walsh Tom Auto Electric	Southern California

228 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Perkins E E truckng	Southern California

230 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	M 8 ARSHALL Ray F	Haines & Company, Inc.
	LAURITSONHrny	Haines & Company, Inc.

FINDINGS

Central Ave

234 Central Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	FILLMORE AREA TRANSIT CORP	EDR Digital Archive
	FILLMORE AREA TRANSIT CORP	EDR Digital Archive

CENTRAL AVE

234 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	FILLMOREAREA 805 524 2319 S TRANSIT	Haines & Company, Inc. Haines & Company, Inc.
1996	FILLMORE AREA TRANSIT	Pacific Bell
1993	HOUS E OF CAKE S House Of Beauty House Of Blinds & Drapery @Newbury Park House Of Beauty	GTE GTE GTE GTE
1986	Fillmore Area Transit FATCO	Pacific Bell Pacific Bell
1985	FATCO Fillmore Area Transit	Pacific Telephone Co Pacific Telephone Co
1980	Myers Carl E Realty	Polk
1949	Wigley Earl Lucile liquors	Los Angeles Directory Co.
1930	Froehlich Wm Dora blksmith	Los Angeles Directory Co.

235 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1993	Service Center Service Center MORRIS W M Service Center MORRIS W M Service Center MORRIS W M Service Center MORRIS W M Service Center	GTE GTE GTE GTE GTE GTE GTE GTE GTE GTE

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Service Center	GTE
	Service Center	GTE
	Service Center	GTE
	Service Center	GTE
	MORRIS W M	GTE
1986	Service Center	Pacific Bell
	Service Center	Pacific Bell
	Service Center	Pacific Bell
	Service Center	Pacific Bell
	Service Center	Pacific Bell
1985	Service Center	Pacific Telephone Co
	Service Center	Pacific Telephone Co
	Service Center	Pacific Telephone Co
	Service Center	Pacific Telephone Co
	Service Center	Pacific Telephone Co
1980	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Service Center	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Service Center	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Service Center	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Service Center	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Service Center	Polk

236 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1975	Ron & Kens Body Shop	Pacific Telephone Co
	Ron & Kens Body Shop	General Telephone Company of California
1930	Clarke Wm Jennie mach	Los Angeles Directory Co.

FINDINGS

Central Ave

238 Central Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	GM CELES	EDR Digital Archive
	GM CELES	EDR Digital Archive
2010	GM CELES	EDR Digital Archive
	GM CELES	EDR Digital Archive
2005	GOLD COAST BODY SHOP	EDR Digital Archive
	FILLMORE COLLISION CENTER	EDR Digital Archive
	GOLD COAST BODY SHOP	EDR Digital Archive
	FILLMORE COLLISION CENTER	EDR Digital Archive

CENTRAL AVE

238 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	FILLMORE INC	Haines & Company, Inc.
	WUMLJORRIS	Haines & Company, Inc.
1996	Rezzonico Robert	Pacific Bell
1993	Fillmore Locksmith	GTE
	Fillmore Locksmith	GTE
1930	Hanson Edw Anna carp	Los Angeles Directory Co.

240 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	EDSON 5 EDW EBRBR	Haines & Company, Inc.

242 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Keith Alice E waiter R L Griswold	Los Angeles Directory Co.
	Allen Mary E Mrs cook R L Griswold	Los Angeles Directory Co.

244 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Foursquare Gospel Lighthouse Rev Paula Risser pastor	Los Angeles Directory Co.
	Irwin Emmett P Stella M auto repr	Los Angeles Directory Co.

FINDINGS

245 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Case Lowell W Zita gas sta	Los Angeles Directory Co.
	Pickwick Stages System L W Case agt	Los Angeles Directory Co.

Central Ave

246 Central Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	EDISON EDWARD	EDR Digital Archive
	EDISON EDWARD	EDR Digital Archive
2005	EDISON EDWARD	EDR Digital Archive
	EDISON EDWARD	EDR Digital Archive

CENTRAL AVE

246 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	EDISON EDW E	Pacific Bell
1993	Edison Edw E brbr shop	GTE
	Edison Edw E brbr shop	GTE
1986	E DIS ON JOHN M MD Ventura Ear Nose & Throat Medical Group Inc	Pacific Bell
	Edison Edw E brbr shop	Pacific Bell
1985	Edison Edw E brbr shop	Pacific Telephone Co
1980	Edison Edw E brbr shop	Polk
1949	Hamblin Oliver H Adah B barber	Los Angeles Directory Co.
1930	City Hall	Los Angeles Directory Co.

248 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Griswold Roy L restr	Los Angeles Directory Co.

Central Ave

250 Central Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FILLMORE REDEVELOPMENT AGCY CY	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE VOLUNTEER FIRE DEPT	EDR Digital Archive
	FILLMORE PUBLIC FINANCING AUTH	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE TOWNE THEATRE	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE PUBLIC FINANCING AUTH	EDR Digital Archive
	FILLMORE TOWNE THEATRE	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE REDEVELOPMENT AGCY CY	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
2010	FILLMORE VOLUNTEER FIRE DEPT	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE VOLUNTEER FIRE DEPT	EDR Digital Archive
	FILLMORE SENIOR CENTER INC	EDR Digital Archive
	FILLMORE PUBLIC FINANCING AUTH	EDR Digital Archive
	FILLMORE TOWNE THEATRE	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE TOWNE THEATRE	EDR Digital Archive
	FILLMORE SENIOR CENTER INC	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE VOLUNTEER FIRE DEPT	EDR Digital Archive
	FILLMORE PUBLIC FINANCING AUTH	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
2005	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive
	FILLMORE CITY OF	EDR Digital Archive

CENTRAL AVE

250 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	WALKER	Pacific Bell
	DEVELOPEMENT FILMORE	Pacific Bell
	CONSTRUCTION	Pacific Bell

FINDINGS

Central Ave

257 Central Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	FILLMORE CHAMBER OF COMMERCE	EDR Digital Archive
	FILLMORE CHAMBER OF COMMERCE	EDR Digital Archive

CENTRAL AVE

258 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	F 8 LLMRCTY FIRE CHIEF	Haines & Company, Inc.
	FI LLMRCTYHALL 885 8a 4 37m	Haines & Company, Inc.
	FIUJ 4 RTOWNE 805 5 2 3456 I	Haines & Company, Inc.
	THEATRE BOX OFC	Haines & Company, Inc.

Central Ave

263 Central Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	KEEP IT IN TEN RING	EDR Digital Archive
	H & R BLOCK INC	EDR Digital Archive
	KEEP IT IN TEN RING	EDR Digital Archive
	H & R BLOCK INC	EDR Digital Archive

CENTRAL AVE

263 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	BLOCK H & R	Pacific Bell
1993	BLOCK H & R	GTE
	Local Offices	GTE
	Local Offices	GTE
1986	Fillmore	Pacific Bell
1985	Block H & R Inc	Pacific Telephone Co
1980	H & R Block	Polk

270 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Fillmore Chamber of Commerce C F Reeder pres E C Fuller sec	Los Angeles Directory Co.

FINDINGS

Central Ave

275 Central Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FILLMORE CHAMBER OF COMMERCE	EDR Digital Archive
	BELLAS TEAS & TREATS	EDR Digital Archive
	BELLAS TEAS & TREATS	EDR Digital Archive
	FILLMORE CHAMBER OF COMMERCE	EDR Digital Archive
2010	FILLMORE CHAMBER OF COMMERCE	EDR Digital Archive
	HERITAGE VALLEY TOURISM BUREAU	EDR Digital Archive
	BELLAS TEAS & TREATS	EDR Digital Archive
	HERITAGE VALLEY TOURISM BUREAU	EDR Digital Archive
	BELLAS TEAS & TREATS	EDR Digital Archive
	FILLMORE CHAMBER OF COMMERCE	EDR Digital Archive
2005	HERITAGE VALLEY TOURISM BUREAU	EDR Digital Archive
	HERITAGE VALLEY TOURISM BUREAU	EDR Digital Archive

CENTRAL AVE

275 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	00 XX	Haines & Company, Inc.

283 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	3 XXX	Haines & Company, Inc.

300 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Wallerstedt Glenn A Rachel furn	Los Angeles Directory Co.

301 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Ventura County Citrus Assn E E Nutt mgr	Los Angeles Directory Co.

316 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SANTACLAR VALLEY 805 524 32 S	Haines & Company, Inc.
	SANTACLAR VALLEY	Haines & Company, Inc.
1996	CITIZENS STATE BANK	Pacific Bell
1993	Bank Of A Levy	GTE

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Fillmore	GTE
1986	Fillmore Ofc	Pacific Bell
1985	Fillmore Fillmore Ofc	Pacific Telephone Co
1980	Fillmore Ofc	Polk
	BANK OF A LEVY	Polk
1949	BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSN C R Young Mgr	Los Angeles Directory Co.
1940	Bank of Amer Nat I Trust & Savings Assn Fillmore Br	Southern California
1930	Bank of Italy National Trust and Savings Assu G W Tighe v pres C C Elkins chairmun advisory bd G W Harmonson mgr	Los Angeles Directory Co.

317 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MARKET	Haines & Company, Inc.
	a SEGOVIASFILLMORE	Haines & Company, Inc.
	SEG 01 NJ 8ss O	Haines & Company, Inc.
1996	SEGOVIAS FILLMORE MARKET	Pacific Bell
1993	Segovias Fillmore Market	GTE
	Segovias Fillmore Market	GTE
1986	RDs Fillmore Market	Pacific Bell
	RDs Fillmore Market	Pacific Bell
1985	RDs Fillmore Market	Pacific Telephone Co
	RDs Fillmore Market	Pacific Telephone Co
1980	Lairds Jesse Butcher Shop	Polk
	Austins Fillmore Market	Polk

318 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Shere Isaac Rose mens do	Los Angeles Directory Co.

320 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	a SEGOVIAS FAMILY 805 624 0539 f	Haines & Company, Inc.
	SEOVIA Ruben	Haines & Company, Inc.
	BIAIARDS	Haines & Company, Inc.
1996	SEGOVIAS FAMILY BILLIARDS	Pacific Bell
	321 THE TREASURE STATION	Pacific Bell
1993	Fillmore Billiard Parlor	GTE

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Fillmore Billiard Parlor	GTE
1986	FILLMORE BOOTE RY	Pacific Bell
1985	FILLMORE BOOTERY	Pacific Telephone Co
1980	FILLMORE BOOTERY	Polk
1949	Hymes Benj Jennie mens do	Los Angeles Directory Co.

321 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	THETREASURE 805 834 2957 I STATION	Haines & Company, Inc. Haines & Company, Inc.
1993	Fillmore Herald Fillmore Herald	GTE GTE
1986	Teledata	Pacific Bell
1980	Jessies Fillmore Cafe	Polk
1930	Pattison Vivian R Mrs womens clo	Los Angeles Directory Co.

322 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Lennarz Pastry Shop	Pacific Bell
1980	Lennarz Pastry Shop	Polk
1949	Freie Jack T Maxanna womens do Renz Herman Elva baker	Los Angeles Directory Co. Los Angeles Directory Co.
1940	Fillmore City of Ciry Hal Police Department Fire Dept	Southern California Southern California Southern California

323 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	RESTAURANIT FONOITA MEXICAN 885 524 7094 I	Haines & Company, Inc. Haines & Company, Inc.
1996	B FONDITA MEXICAN RESTAURANT	Pacific Bell
1993	Karlsma La Playita Seafood La Playita Seafood Karlsma	GTE GTE GTE GTE
1986	A & B Photo Processing Hair Affair The	Pacific Bell Pacific Bell
1985	A & B Photo Processing Hair Affair The	Pacific Telephone Co Pacific Telephone Co

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	FILLMORE TV SALES & SERVICE	Pacific Telephone Co
1949	Clough Oliver T Vivian drugs	Los Angeles Directory Co.
1930	Clough Oliver T Emma A drugs	Los Angeles Directory Co.

324 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	MIKES SERVICES	Pacific Bell
	324 FARMERS MARKET	Pacific Bell
1980	FILLMORE FLOWER SHOP	Polk
1949	Rihbany Naj C Jewel geni mdse	Los Angeles Directory Co.
1930	Lindenfeld Nicholas J gro	Los Angeles Directory Co.

325 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Core Orlen L Sue barber	Los Angeles Directory Co.
1930	Mc Kinley Wm A Myrtle A barber	Los Angeles Directory Co.
	Simon Herman Lillian tailor	Los Angeles Directory Co.

326 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	MIRAGE	Pacific Bell
1993	Mirage cithng	GTE
	I Wright Shirley Mirage clthng	GTE
	Mirage cithng	GTE
	I Wright Shirley Mirage clthng	GTE
	Wright Stacy @Thousand Oaks	GTE
	Wright Samuel S	GTE
1985	SMITHS DRESS SHOP	Pacific Telephone Co
1949	Smith Carl B Bessie M dry gds	Los Angeles Directory Co.
1930	Smith Carl B Bessie M dry gds	Los Angeles Directory Co.

327 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	RANCH STYLE FARM TO FORMAL	Pacific Bell
1993	Cloughs Pharmacy	GTE
	Cloughs Pharmacy	GTE
1986	Cloughs Pharmacy	Pacific Bell
1985	Cloughs Pharmacy	Pacific Telephone Co
1980	Cloughs Pharmacy	Polk
1949	Shurgot Stanley liquors	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Pappas Steve Cleopatra restr	Los Angeles Directory Co.

328 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	a MIRAGE	Haines & Company, Inc.
	w WRIGHTSHIRLEY	Haines & Company, Inc.
	MIRAGE CLTHNG	Haines & Company, Inc.
	EDISONI E 4wtar	Haines & Company, Inc.
	e EDSONSUPINARMS 805 524 1314 S	Haines & Company, Inc.
	P IN ARMS	Haines & Company, Inc.
1996	UP IN ARMS	Pacific Bell
1993	California Clowns	GTE
	Up In Arms	GTE
	Up In Arms	GTE
	s Up In Arms	GTE
	Kenneth	GTE
	s Up In Arms	GTE
	grearoeer Richard	GTE
	reamer M @Newbury Park @	GTE
	Kenneth & Deborah	GTE
1986	Creagles Up In Arms	Pacific Bell
	Up In Arms	Pacific Bell
1985	Creagles Up In Arms	Pacific Telephone Co
	Up In Arms	Pacific Telephone Co
1980	Cochrans	Polk
1949	COCHRANS CHAMP C MENS WEAR Champ C Cochran Complete Mens Furnishings Nunn Bush Shoes Arrow Shirts Stetson Hats Timely Clothes	Los Angeles Directory Co.
1940	Cochrans Mens Wear	Southern California
1930	Goodenough & Co E 0 Goodenough C C Cochran mens clo	Los Angeles Directory Co.

329 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HOTSPOT 7 HE	Haines & Company, Inc.
	TORRES Rudy	Haines & Company, Inc.
1996	DOUBLE DEAL PIZZA	Pacific Bell
1993	Double Deal Pizza Co	GTE
1986	Scotts Shrimp Bucket	Pacific Bell
1985	Margarets Cocina	Pacific Telephone Co

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Margarets Cocina	Polk
1975	El Sombrero	General Telephone Company of California
	El Sombrero	Pacific Telephone Co
1949	Schiffel Carl G Martha restr	Los Angeles Directory Co.
1930	Fillmore Sweet Shop Michl Lafkas Geo Drivas	Los Angeles Directory Co.

330 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CI SCOSCOPY&FAX CENTER SHB OTim 885 524 7072 i GRAHAM Ken w 8s 8n U CROCKEOTDALE 805 824 8649 I PHOTOGRAPHY EOWR D OCREAGLEGSy	Haines & Company, Inc. Haines & Company, Inc. Haines & Company, Inc. Haines & Company, Inc. Haines & Company, Inc. Haines & Company, Inc. Haines & Company, Inc.
1996	CROCKETT DALE STUDIO A FILLMORE CHAMBER OF COMMERCE	Pacific Bell Pacific Bell
1993	Central Computer Products i Central Computer Products Central Computer Products i Central Computer Products	GTE GTE GTE GTE
1986	Central Books Central Computer Products Quinn Michael & Gaellen	Pacific Bell Pacific Bell Pacific Bell
1980	Towne & Country Fabrics	Polk

331 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Klotz Benj C Emmalena do clnr	Los Angeles Directory Co.
1940	Klotz Ben C celr	Southern California
1930	Railway Express Agency Inc B C Klotz agt Klotz Benj C Emmalena agt Railway Exp Agcy and do elnr Fillmore American The weekly Benigno de H 1oyos W M Smith	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.

FINDINGS

333 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1996	UNITED STATES GOVERNMENT	Pacific Bell
1980	USS Quapaw ATF 110 Fillmore	Polk Polk
1975	USS Norton Sound AVM Fillmore	Pacific Telephone Co Pacific Telephone Co
1949	Mc Kinley Wm A barber Fuller Jas R Dora M shoe shiner and taxi	Los Angeles Directory Co. Los Angeles Directory Co.
1930	Stock Jay F Cath M photog Metzger David J shoe shiner	Los Angeles Directory Co. Los Angeles Directory Co.

334 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HAIRLOFTTHE 885 524 2402 i SERENITYMASSAGE	Haines & Company, Inc. Haines & Company, Inc.
1996	HAIR LOFT THE 334 COMMISSION ON HUMAN CONCERNS C RUBIS CRAFT	Pacific Bell Pacific Bell Pacific Bell
1993	Eckerson David DC Fillmore Fillmore Eckerson David DC Ryce Drew M Attorney At Law Eckerson David DC Fillmore Eckert A @Oxnard Eckert Brandi @Thousand Oaks Fillmore Eckerson David DC Ryce Drew M Attorney At Law Kaster Properties	GTE GTE GTE GTE GTE GTE GTE GTE GTE
1986	Georgi Ronald P DC Neo Life	Pacific Bell Pacific Bell
1985	Georgi Ronald P DC NEO UFE	Pacific Telephone Co Pacific Telephone Co
1980	Milums Gifts & Stationery Shultz Larry D DC	Polk Polk
1949	Eberly Orin J Betty J drugs	Los Angeles Directory Co.
1930	Norton Ethel beauty opr Mrs Tulip Palmer Hubert Parker F Bessie G dentist	Los Angeles Directory Co. Los Angeles Directory Co.

FINDINGS

335 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OBSRIERobert	Haines & Company, Inc.
1986	HOW ARDS JE W E LE RS	Pacific Bell
1985	HOWARDS JEWELERS	Pacific Telephone Co
1980	Warrens Jewelers	Polk
1949	Ferguson John E Bessie M restr	Los Angeles Directory Co.
1940	Mary & Mins Cafe	Southern California
1930	Langes Gus Louisa confy	Los Angeles Directory Co.

336 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PAINTWORKS	Haines & Company, Inc.
	Bf DAGONBIRD	Haines & Company, Inc.
1993	Terris Beauty Salon	GTE
	Terrusa S @Thousand Oaks	GTE
	Terrusa J	GTE
	Terrones R	GTE
	Terrones Pedro S & Josephine	GTE
	Terris Beauty Salon	GTE
1986	TE RRIS BE AUTY S ALON	Pacific Bell
	Terrones Pedro S & Josephine	Pacific Bell
1985	TERRIS BEAUTY SALON	Pacific Telephone Co
1980	TERRIS BEAUTY SALON	Polk
1949	Goble Duard E Maud jwlr	Los Angeles Directory Co.
1940	Hoy Harvey H jwlr	Southern California
1930	Hoy Harvey H jwlr	Los Angeles Directory Co.

337 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Toppings Footwear	GTE
	Toppings Footwear	GTE
1986	Toppings Footwear	Pacific Bell
1985	Toppings Footwear	Pacific Telephone Co
1980	Toppings Footwear	Polk
1949	Pavin Max Leah shoes	Los Angeles Directory Co.
	Cole Maynela Mrs mgr Chrisholm Apts r	Los Angeles Directory Co.
	Cole Gilbert W Maynela well driller h	Los Angeles Directory Co.
	Chisholm Eliz Mrs Chisholm Apts h	Los Angeles Directory Co.
	Chisholm Apartments Mrs Eliz Chisholm	Los Angeles Directory Co.

FINDINGS

338 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SCENTED PATH	Haines & Company, Inc.
	APOTHECARY THE	Haines & Company, Inc.
1993	Cielito Lindo Hair Salon	GTE
	Towne Theatre	GTE
	Cielito Lindo Hair Salon	GTE
	Cieplechowicz M R	GTE
	Towne Theatre	GTE
1986	Mr Lyles	Pacific Bell
	Towne Theatre	Pacific Bell
1985	Towne Theatre	Pacific Telephone Co
1980	Towne Theatre	Polk
	Palace Barber Shop	Polk
1949	Fillmore Theatre John Oxford mgr	Los Angeles Directory Co.
	Veterans of Foreign Wars Hall	Los Angeles Directory Co.
	Wilson Irvin Octavia barber	Los Angeles Directory Co.
1930	I O O F Hall	Los Angeles Directory Co.
	Sterans Theatre H C Steamrns mot pict	Los Angeles Directory Co.
	Wilson Irvin Octavia barber	Los Angeles Directory Co.

339 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Fillmore Studio photgrphy	GTE
	Hansen Robt Photographer Fillmore Studio	GTE
	Fillmore Studio photgrphy	GTE
	Hansen Robt Photographer Fillmore Studio	GTE
1986	Hansen Robt Photographer Fillmore Studio	Pacific Bell
	Fillmore Studio photgrphy	Pacific Bell
1985	Hansen Robt Photographer Fillmore Studio	Pacific Telephone Co
	Filmore Studio photgrphy	Pacific Telephone Co
1980	Fillmore Studio photgrphy	Polk
	Hansen Robt Photographer Fillmore Studio	Polk
1949	BRUMMETT ELECTRIC Joe Brummett Electrical Contracting Lighting Fixtures Frigidaire Sales and Service	Los Angeles Directory Co.
1940	Weavers Beauty Salon	Southern California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Ellsworth & Morley II W Ellsworth J C Morley elect supp	Los Angeles Directory Co.
	Hobson Bros Packing Co R W Ruskauff mgr meats	Los Angeles Directory Co.
	Romain Stanley Edna elect contr	Los Angeles Directory Co.

340 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HARDWARE	Haines & Company, Inc.
	GARNERSTRUEVALS 8 E	Haines & Company, Inc.
	GARNERT 1ornas	Haines & Company, Inc.
	GARNERGERRIE 8 S	Haines & Company, Inc.
	a GARNER DARRELL	Haines & Company, Inc.
	FILLMOREFPLUMIBIG	Haines & Company, Inc.
1996	FILLMORE PLUMBING	Pacific Bell
1993	Fillmore Plumbing	GTE
	Gamers True Value Hardware }	GTE
	Gamers True Value Hardware }	GTE
	Fillmore Plumbing	GTE
1986	Brogan Carl & Sharon S Pla	Pacific Bell
	Brogan C	Pacific Bell
	BROGAN & BRIGGS HARDW ARE	Pacific Bell
1985	BRIGGS HARDWARE	Pacific Telephone Co
	Briggs Loren G investments	Pacific Telephone Co
1980	Briggs Loren G investments	Polk
	BRIGGS HARDWARE	Polk
1949	Veterans of Foreign Wars	Los Angeles Directory Co.
	Royal Neighbors of America	Los Angeles Directory Co.
	BRIGGS LOREN G Mildred Hardware Paints Home Appliances Gift Wares Sporting Goods Cameras	Los Angeles Directory Co.
1940	Ellsworth Howard hdawe	Southern California
1930	Roberts Arth M billiards	Los Angeles Directory Co.

341 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1993	Cortez Fashion & Accessories	GTE
	Cortez Fashion & Accessories	GTE
1986	Cortez Fashion & Accessories	Pacific Bell
1985	Cortez Fashion & Accessories	Pacific Telephone Co

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Fillmore News Stand	Polk
1949	Bunting Chas R Caroline cigars	Los Angeles Directory Co.
	Victoria Manuel Connie shoe repr	Los Angeles Directory Co.

342 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	STEWAAARTRonald	Haines & Company, Inc.
	OASISTANNINGSALON	Haines & Company, Inc.

343 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1993	Fillmore Club	GTE
	Daniels Boutique	GTE
	Daniels Boutique	GTE
	Daniels C A	GTE
	Fillmore Club	GTE
	Hair Affair The	GTE
1985	EDMONDS FURNITURE STORE	Pacific Telephone Co
1980	Fillmore Club	Polk
1949	Mc Carty Marge Mrs womens do	Los Angeles Directory Co.
1930	Fillmore Club M J Burgen mngr	Los Angeles Directory Co.

344 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	a GENESISHAIR DESIGN 805 524 2501 i	Haines & Company, Inc.
	NAILS N THINGS 805 524 5757 f	Haines & Company, Inc.
1993	Fillmore Chamber Of Commerce	GTE
	Crockett Dale Studio	GTE
	Chamber Of Commerce Greater Ventura	GTE
	Chamber Of Commerce Fillmore	GTE
	Chamber Of Commerce Fillmore	GTE
	Crockett Dale Studio	GTE
	Fillmore Chamber Of Commerce	GTE
1986	Shirleys	Pacific Bell
1985	Shirleys	Pacific Telephone Co
1980	SHIRLEYS	Polk
1949	NIFTY STYLE & TOT SHOP Thelma L Calkins Womens and Childrens Ready to Wear Specializing in Babys Wear and Sup plies	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Fillmore Flower & Gift Shop	Southern California
1930	Jones Wm C Helen Poster & Jones and gift shop	Los Angeles Directory Co.
	Foster & Jones E B Foster W C Jones real est	Los Angeles Directory Co.

345 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1985	Second Hand Ross	Pacific Telephone Co
1980	Edmonds Furniture Store	Polk
1949	City Hall	Los Angeles Directory Co.
1930	United Mercantile Co J D Mc Lean mgr geni mdse	Los Angeles Directory Co.

346 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	WESTCB	Haines & Company, Inc.
	VEST Knosen	Haines & Company, Inc.
	ALVAREZ Stephen	Haines & Company, Inc.
1930	Lamberg Albt E Glenna P jwlr	Los Angeles Directory Co.
	Mc CAMLPBELL WM E Lillian E Real Estate and Insurance	Los Angeles Directory Co.

348 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	STORE	Haines & Company, Inc.
	BALLARD FURNITURE 805 524 1506 i	Haines & Company, Inc.
1996	BALLARD FURNITURE STORE	Pacific Bell
1993	Ballard Furniture Store	GTE
	Nails N Things	GTE
	Nails N Things	GTE
	Ballard J @Oxnard	GTE
	Ballard Furniture Store	GTE
1986	Gidley Natalia	Pacific Bell
	Gideons International Of Oxnard The	Pacific Bell
	Gideons International	Pacific Bell
	Ballard Furniture Store	Pacific Bell
1985	Gideons International	Pacific Telephone Co
	Ballard Furniture Store	Pacific Telephone Co
1980	BALLARD FURNITURE STORE	Polk

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Thrifty Mart	Southern California
1930	Collins Orlando C Mattie B gro	Los Angeles Directory Co.

349 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Reaser Walter C meats	Los Angeles Directory Co.

350 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HERRERABILL 805 824 191 i	Haines & Company, Inc.
	STATEFARMINS AGn T 805 524 0191 f	Haines & Company, Inc.
1996	HERRERA BILL	Pacific Bell
1949	Gossett Edna M Mrs photog	Los Angeles Directory Co.

351 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CENTRAL MKT THE	Haines & Company, Inc.
	BYE 8 N 80 G	Haines & Company, Inc.
1996	CENTRAL MKT THE	Pacific Bell
1993	Central Mkt The	GTE
	Central Mkt The	GTE
1986	Central Mkt The	Pacific Bell
1985	Central Mkt The	Pacific Telephone Co
	Sharps Central Meat Market	Pacific Telephone Co
1980	Central Mkt The	Polk
	Larrys Meat Market	Polk
1949	Mc Reynolds Jas D gro	Los Angeles Directory Co.

352 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	DANIELS BOUIQU 0 E 805 824 5423 f	Haines & Company, Inc.
	HAIR AFFAIR THE 805 824 4332 I	Haines & Company, Inc.
1996	HAIR AFFAIR THE	Pacific Bell
	352 DANIELS BOUTIQUE	Pacific Bell
1985	Rons Place	Pacific Telephone Co
1949	Strifler Chester D Beatrice gift shop	Los Angeles Directory Co.
1930	Sprouse Reitz Co Inc F H Wood mgr dept store	Los Angeles Directory Co.

FINDINGS

353 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MEDICAL PLAZA PHARMACY	Haines & Company, Inc. Haines & Company, Inc.
1930	Murr Geo dry gds	Los Angeles Directory Co.

354 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Diversified Contractors Inc	Pacific Telephone Co

355 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Gay James P MD	GTE

359 CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	Fitlmore Video	Pacific Telephone Co

MAIN

500 MAIN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Selby J T r	Los Angeles Directory Co.
1930	King K K gro	Los Angeles Directory Co.

501 MAIN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Robbins Sherman E Violet repr shop	Los Angeles Directory Co.
1930	Holcombe S K Mrs gro	Los Angeles Directory Co.

510 MAIN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Harrison T E r	Los Angeles Directory Co.
1930	Harrison T E	Los Angeles Directory Co.

514 MAIN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	ABigler R A	Los Angeles Directory Co.
1930	Hedrick L S Mrs	Los Angeles Directory Co.

FINDINGS

515 MAIN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	AMiner E R Mrs S 16 A Argend J A do clnr	Los Angeles Directory Co. Los Angeles Directory Co.
1940	Miner Eliza Mrs r	Los Angeles Directory Co.
1930	Miner E R Mrs	Los Angeles Directory Co.

518 MAIN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Argend J A	Los Angeles Directory Co.
1930	Vacant	Los Angeles Directory Co.

521 MAIN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Collister F B	Los Angeles Directory Co.

525 MAIN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Duckworth Burnice AHendren Maude Mrs	Los Angeles Directory Co. Los Angeles Directory Co.
1940	Gilbertson Gladys M Mrs r	Los Angeles Directory Co.
1930	Gilbertson J H	Los Angeles Directory Co.

528 MAIN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Rickard A S	Los Angeles Directory Co.
1930	Funston A L Vacant	Los Angeles Directory Co. Los Angeles Directory Co.

MAIN \$

506 MAIN \$

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	WORLD WIDE SAMTA AUI ATRA L SERVICE	Pacific Telephone Co

MAIN ST

473 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Currier Clifford D	Los Angeles Directory Co.

FINDINGS

474 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Hayward Earl Florence M USN Base	Los Angeles Directory Co.

475 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Bujanda Rudolph Josephine	Los Angeles Directory Co.

493 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Robbinett Donald C	Los Angeles Directory Co.

500 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Steantean Fred M Violt B chkr USN Base	Los Angeles Directory Co.
	Deering Ruby wid Tony	Los Angeles Directory Co.
1926	Hoover & Smith real est	Los Angeles Directory Co.

501 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Welch Judy MA MFCC	GTE
	Welch Judy MA MFCC	GTE
1926	Sanchez P V	Los Angeles Directory Co.

506 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Santa Clara House lodgings	Los Angeles Directory Co.
	Pollock E A Mrs	Los Angeles Directory Co.

507 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Schnitzer Jss auto wrecker	Los Angeles Directory Co.

508 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Morris Jas shoe repr	Los Angeles Directory Co.

509 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Roberts AMie H	GTE
	Roberts AMie H	GTE
1926	Sabala Juliana Mrs	Los Angeles Directory Co.

FINDINGS

510 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Swain Henry R Isabel M slsmn	Los Angeles Directory Co.
	Mc Coy Wm H J Etta	Los Angeles Directory Co.
	Dowling E C nurse	Los Angeles Directory Co.
1926	West End Gro	Los Angeles Directory Co.

511 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Ventura Lndry Co	Los Angeles Directory Co.

Main St

512 Main St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PARKVIEW COURT APARTMENTS	EDR Digital Archive
	PARKVIEW COURT APARTMENTS	EDR Digital Archive
2010	BOMA CORP	EDR Digital Archive
	GAYLORDS MOBILE BOAT REPAIR	EDR Digital Archive
	BOMA CORP	EDR Digital Archive
	GAYLORDS MOBILE BOAT REPAIR	EDR Digital Archive
2005	GAYLORDS MOBILE BOAT REPAIR	EDR Digital Archive
	CARRERA BOATS WEST CORP	EDR Digital Archive
	CARRERA BOATS WEST CORP	EDR Digital Archive
	GAYLORDS MOBILE BOAT REPAIR	EDR Digital Archive

MAIN ST

512 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MAYA UPHOLSTERY	Haines & Company, Inc.
1996	FRT MAYA UPHOLSTERY	Pacific Bell
	JAY SCOTT SCREEN PRINTING	Pacific Bell
1993	Filmare	GTE
	Daves Building Supplies Inc	GTE
	Filmare	GTE
1986	Filmore	Pacific Bell
1985	DAVES BUILDING SUPPLIES INC	Pacific Telephone Co
	Filmore	
1980	DAVES BUILDING SUPPLIES INC	Polk
1926	Roderick L S	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Davis E J	Los Angeles Directory Co.
	Esperance F T	Los Angeles Directory Co.
	Rushing C E	Los Angeles Directory Co.

513 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Brown & Mc Leod bldg	Los Angeles Directory Co.
	contrs	Los Angeles Directory Co.

514 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Mc Cormick B F dry gds	Los Angeles Directory Co.

519 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Chacon David	Los Angeles Directory Co.

521 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Briones Michi	Los Angeles Directory Co.

523 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Dill Jos shoe shiner	Los Angeles Directory Co.
	Tico E N barber	Los Angeles Directory Co.

525 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Holt Harry M Frederika	Los Angeles Directory Co.
1926	Diedrich L N mach shop	Los Angeles Directory Co.

527 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Ward Bros garage	Los Angeles Directory Co.

528 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Gilmore F E taxi	Los Angeles Directory Co.
	American Cafe	Los Angeles Directory Co.

FINDINGS

535 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Lykins Gerald C Lois R carp	Los Angeles Directory Co.

536 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Georgeson R L notions	Los Angeles Directory Co.

538 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Mission Drug Store	Los Angeles Directory Co.

540 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Flgueroa	Los Angeles Directory Co.
	Daleys gro	Los Angeles Directory Co.
	Mission Market	Los Angeles Directory Co.
	office	Los Angeles Directory Co.
	Hobson Bros Packing Co	Los Angeles Directory Co.

548 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Rodriguez Maria	GTE
	Rodriguez Maria	GTE

554 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Bates Le Roy	Los Angeles Directory Co.

560 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Berg Bessie wid Chas	Los Angeles Directory Co.

561 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Rolls Lyle S Minnie E carp	Los Angeles Directory Co.
	Rolls Jas W brklyr	Los Angeles Directory Co.

573 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Sell Garnett G Dorothy L	Los Angeles Directory Co.

FINDINGS

577 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Espejel Alfonso Marcelina lab	Los Angeles Directory Co.

581 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Luebbers Roy B Barbara R USN	Los Angeles Directory Co.

598 MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	BAHU N JE W E LE R /	Pacific Bell

OLIVE

211 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Heredia Juan C	Pacific Telephone Co
1949	Davis Thad L Nellie M carp h	Los Angeles Directory Co.

212 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Clark Dave	Pacific Telephone Co
1949	Clapperton David E dr r	Los Angeles Directory Co.
	Clapperton David P Lillian oilwkr h	Los Angeles Directory Co.
	Clapperton Betty L r	Los Angeles Directory Co.

215 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Lomeli Ruben	GTE
	Lomeli Ruben	GTE
1985	Aguilar Carlos	Pacific Telephone Co
1975	Guerrero Socorro	Pacific Telephone Co
1964	Rice Lila	Pacific Telephone Co
1949	Rea Jas A Mina G mech h	Los Angeles Directory Co.
1940	Davis T L r	Southern California

216 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Westerberg Roger A	Pacific Telephone Co
1949	Welchance Wallace S Estella h	Los Angeles Directory Co.

FINDINGS

219 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Legan Amanda wid Sami h	Los Angeles Directory Co.
	Legan Vernon ranchwkr r	Los Angeles Directory Co.

220 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Engledow Marie	Pacific Telephone Co
1949	Engledow Orvil C Marie oilwkr h	Los Angeles Directory Co.

222 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Webb Jas L Beatrice USN h	Los Angeles Directory Co.

223 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Fullerton Frances	Pacific Telephone Co
	Freeman Norma	Pacific Telephone Co
1964	Fullerton Frances	Pacific Telephone Co
1949	Redwine Perry h	Los Angeles Directory Co.

226 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Long Earl Minnie oilwkr h	Los Angeles Directory Co.

227 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Mynatt C M	Pacific Telephone Co
1949	Cunningham Geo L h	Los Angeles Directory Co.

229 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Riopelle Leita Mrs pkr h	Los Angeles Directory Co.

231 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Clapperton Donald E	Pacific Telephone Co
1949	Zimmerman Robt E r	Los Angeles Directory Co.
	Zimmerman Ronald r	Los Angeles Directory Co.
	Swarts Lewis E Margt h	Los Angeles Directory Co.
	Herron Margt M Mrs ofc sec F L Fairbanks r	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Cummings C J r	Southern California

OLIVE ST

211 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	ALFARO Maria	Haines & Company, Inc.
	ANDRADEElram	Haines & Company, Inc.
1986	Espinoza M @Santa Paula	Pacific Bell
	Espinoza M	Pacific Bell
	Espinoza Lupe	Pacific Bell
1985	Espinoza Lupe	Pacific Telephone Co

212 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	GARCIABenigno	Haines & Company, Inc.
1993	Garcia Ben	GTE
	Garcia Ben	GTE
1986	Garcia Ben	Pacific Bell
	Garcia Bemardo & Ann	Pacific Bell
1985	Garcia Ben	Pacific Telephone Co
1980	Garcia Ben	Polk
1975	Garcia Ben	General Telephone Company of California
1970	Ball Howard L	General Telephone Company of California
1930	Horton Jasper Maud lab	Los Angeles Directory Co.

215 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	V LOMELI Ignaao Jr	Haines & Company, Inc.
	VILLANUEVAJuan Luis	Haines & Company, Inc.
1986	Gallo Roberto	Pacific Bell
1985	Gallo Roberto	Pacific Telephone Co
1980	Lomeli Ignacio	Polk
	Alcaraz Javier	Polk
1970	Cahoon H W	General Telephone Company of California
1930	Davis Thad L Nellie rig bldr	Los Angeles Directory Co.

216 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PEREZEnnque	Haines & Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Perez Enrique & Maria	Pacific Bell
1985	Perez Enrique & Maria	Pacific Telephone Co
1980	Serna Felix	Polk
	Perez Enrique & Maria	Polk
1970	Reeder Mike B Collge Dr @Ventura	General Telephone Company of California
	Reeder Jean G	General Telephone Company of California
1930	Welchhance Wm S Estella lab	Los Angeles Directory Co.

219 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	DELACRUZ Fedenco	Haines & Company, Inc.
1993	Garcia Rose M	GTE
	Garcia Rose M	GTE
1970	Engelhardt Robt L	General Telephone Company of California
1930	Texas Co The plant e end Santa Clara	Los Angeles Directory Co.
	Teters Geo elk J P Tingle	Los Angeles Directory Co.
	Teters Chas E Mollie pruner	Los Angeles Directory Co.

220 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OLOZANOPedro	Haines & Company, Inc.
	FLORESFlorinda A	Haines & Company, Inc.
1993	Lozano Ingelbirto	GTE
	Lozano J	GTE
	Lozano J & M @Camarillo	GTE
	Lozano Ingelbirto	GTE
1986	Lozano Ingelbirto	Pacific Bell
	Lozano J	Pacific Bell
1985	Morales C Martin	Pacific Telephone Co
1975	Engledow Marie	General Telephone Company of California
1930	Engledow Chas C FPrances	Los Angeles Directory Co.
	Engledow Orville oilwkr	Los Angeles Directory Co.
	Stewart Jas E Dauphine lab	Los Angeles Directory Co.

222 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1985	Morales Martha	Pacific Telephone Co
1980	Torrez Jose	Polk

FINDINGS

223 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	QUEZADA Jesus	Haines & Company, Inc.
	JAFFO Jose L	Haines & Company, Inc.
	F CERVANTES Anuro	Haines & Company, Inc.
1986	Cummings Wm E	Pacific Bell
	Cummings Wanda	Pacific Bell
1985	Cummings Wanda	Pacific Telephone Co
1980	Freeman Norma	Polk
	Cummings Wanda	Polk
1975	Fullerton Frances	General Telephone Company of California
1970	Fullertbn Frances	General Telephone Company of California

224 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PONCE Gloria	Haines & Company, Inc.
1996	Ponce Gloria	Pacific Bell
1986	Lopez Frank	Pacific Bell
1985	Lopez Frank	Pacific Telephone Co

226 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	8 GARCIA Recrard R	Haines & Company, Inc.
1996	Garcia Richard R	Pacific Bell
1993	Garcia Richard R	GTE
	Garcia Richard R	GTE
1986	Garcia Richard R	Pacific Bell
1985	Garcia Richard R	Pacific Telephone Co
1980	Garcia Richard R	Polk

Olive St

227 Olive St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	RAFAELS LANDSCAPING	EDR Digital Archive
	RAFAELS LANDSCAPING	EDR Digital Archive
2010	MILLIES FASHIONS	EDR Digital Archive
	RAFAELS LANDSCAPING	EDR Digital Archive
	RAFAELS LANDSCAPING	EDR Digital Archive
	MILLIES FASHIONS	EDR Digital Archive

FINDINGS

OLIVE ST

227 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	ESOUIVELNicols	Haines & Company, Inc.
1996	227 Izarraras Manuel	Pacific Bell
	Romero Torres Jesus	Pacific Bell
1980	Sierra Maria	Polk
1975	Mynatt CM	General Telephone Company of California
1970	Cunnigham Geo	General Telephone Company of California
1930	Tyler Ina B wid W H	Los Angeles Directory Co.

229 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	GARCIAMana	Haines & Company, Inc.
1980	Pimentel Adalberto	Polk
1970	Lozano Frank	General Telephone Company of California
1930	Knight Thos J Leita driller	Los Angeles Directory Co.

230 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Beebe Geo W Mary lab	Los Angeles Directory Co.

231 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	COTIRELLKeith	Haines & Company, Inc.
1993	Jimenez J	GTE
	Jimenez J	GTE
	Jimenez J & D	GTE
	Jimenez J T @Oxnard	GTE
	Jimenez Jas A	GTE
1980	Cloyd Hulbert C	Polk
1930	Cummings Charlotte J wid D N	Los Angeles Directory Co.

235 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Roderick Elsie V Mrs bkpr Peoples Lbr Co	Los Angeles Directory Co.
	Roderick Bert W Elsie V formn Peoples Lbr Co	Los Angeles Directory Co.

FINDINGS

236 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Real Jos M Lillie lab	Los Angeles Directory Co.

Olive St

239 Olive St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	FULLER KATIE	EDR Digital Archive
	FULLER KATIE	EDR Digital Archive

OLIVE ST

240 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Mc Guire Jas Floyd Elvy lab	Los Angeles Directory Co.

OLIVER ST

254 OLIVER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	ESPI 140 ZAJose	Haines & Company, Inc.

ORANGE GROVE

216 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Mejia Jose Luis	Pacific Bell
1964	Boatright G R	Pacific Telephone Co

219 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Roldan Manuel	GTE
	Roldan Manuel	GTE

222 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Tucker Victoria	Pacific Telephone Co

223 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Coleman Jas	Pacific Telephone Co

FINDINGS

226 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Magana Jose	Pacific Bell
1993	Brandenburg Richard A	GTE
	Brandau A C @Oxnard	GTE
	Brand Vlieta	GTE
	Brand Vlieta	GTE
	Brand Walter	GTE
1986	Brand Walter	Pacific Bell
	Brand Vlieta	Pacific Bell
1985	Brand Vlieta	Pacific Telephone Co
1964	Clinton Orville L	Pacific Telephone Co

227 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Gomez Arnulfo	Pacific Bell
1964	Clinton Jas D	Pacific Telephone Co

231 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Le Bard Dwain D	Pacific Telephone Co

236 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Hamblin Ada B Mrs	Pacific Telephone Co

237 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Middleswarth Frank	Pacific Telephone Co

241 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	F V DRAFTING & EXPEDITING SERVICES	Pacific Bell
1964	Bergman Mildred	Pacific Telephone Co

302 ORANGE GROVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Hoyle J E	Pacific Bell
1985	Hoyle J E	Pacific Telephone Co

FINDINGS

ORANGE GROVE AVE

216 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	ALVARADOVicene	Haines & Company, Inc.
1993	Rangel Artemio	GTE
	Rangel Artemio	GTE
1986	Boatwright Doyle J	Pacific Bell
	Boatsmith	Pacific Bell
	Boatright Zelpha A Mrs	Pacific Bell
1985	Boatright Zelpha A Mrs	Pacific Telephone Co
1980	Taylor Art	Polk
	Boatright Zelpha A Mrs	Polk
1949	Whitlock Felix L Geneva h	Los Angeles Directory Co.
1930	Whitlock Felix L Geneva lab	Los Angeles Directory Co.

219 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	ALVARADOVcen le	Haines & Company, Inc.
1993	Alvarado Manuel	GTE
	Alvarado Manuel	GTE
1986	Alvarado Manuel	Pacific Bell
1980	Alvarado Vincent	Polk
1949	Gates Ezra G Eula h	Los Angeles Directory Co.

222 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Woods Lewis	GTE
	Woods Lewis	GTE
1986	Woods Lewis	Pacific Bell
1985	Wilson M E	Pacific Telephone Co
1980	Wilson Jos E	Polk
1949	Mc Master Harry H Christene h	Los Angeles Directory Co.

223 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1980	Brake Wm	Polk
1975	Brake Wm E	Pacific Telephone Co
	Brake Wm E	General Telephone Company of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Strifler Chester E r	Los Angeles Directory Co.
1930	Friday Gordon Evelyn fruit pkr	Los Angeles Directory Co.

224 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Saiz Manuel Inez mgr Safeway Stores	Los Angeles Directory Co.

226 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	u MAGANAJose	Haines & Company, Inc.
1993	Nuno Maria	GTE
	Nuno Richard & Pearl	GTE
	Nuno Mario @Oxnard	GTE
	Nuno Maria	GTE
1986	Hood Steven	Pacific Bell
1985	Hood Steven	Pacific Telephone Co
1980	Taylor Ward E	Polk
1949	Goudy Frank D Jeannette D h	Los Angeles Directory Co.
1930	Diehl Mary Mrs waiter Steve Pappas	Los Angeles Directory Co.
	Diehl Fred L Eliz	Los Angeles Directory Co.
	Morgan Mary Mrs	Los Angeles Directory Co.

227 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1980	Gomez Arnulfo	Polk
1949	Hinckley Mary L h	Los Angeles Directory Co.
1940	Allee Viola J r	Southern California
1930	Hinckley Mary E fruit pkr	Los Angeles Directory Co.

230 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Adamson Frank Lulu elk Lloyd Adamson	Los Angeles Directory Co.
	Adams Gladys Mrs waiter H P Ridenbaugh	Los Angeles Directory Co.

231 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Faulkner Joe B	GTE
	Faulkner Joe B	GTE

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Faulkner Joe B	Pacific Bell
1985	Faulkner Joe B	Pacific Telephone Co
1980	Faulkner Joe	Polk
1949	Hall Claude E Dorothy oilwkr h James Edgar M Dorothy rancher h	Los Angeles Directory Co. Los Angeles Directory Co.
1940	Hall C E r	Southern California
1930	Irwin Donald V mech E P Irwin Irwin Pauline E Irwin Perry chauf	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.

234 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Hulsey Clinton Minnie oilwkr	Los Angeles Directory Co.

236 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SIBARRAGa Snela	Haines & Company, Inc.
1930	Hulsey Clint Minnie ilwkr Hulsey Dessie Hulsey Otis	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.

237 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	WYAND Edward	Haines & Company, Inc.
1949	Middlesworth Frank M Ruth I whsmn h	Los Angeles Directory Co.
1940	Middleswarth Frank r	Southern California
1930	Middleswarth Frank M Ruth formn Fillmore Pkg Co	Los Angeles Directory Co.

241 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SVAZOUEZFraociro I ORANGEGRBV A	Haines & Company, Inc.
1985	Collins Philip L	Pacific Telephone Co
1980	Shutts Howard	Polk
1949	Bergman Wm Mildred mach h	Los Angeles Directory Co.
1940	Myers S S r	Southern California
1930	JOURDAN DEWEY I Pearl Fillmore Pipe Works	Los Angeles Directory Co.

FINDINGS

246 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Boone Cornelius A Nellie slsmn	Los Angeles Directory Co.

255 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Hinkley Mary E fruit pkr	Los Angeles Directory Co.

302 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	STOESSELWSitirm	Haines & Company, Inc.
	COACHCRAFT	Haines & Company, Inc.
1993	Hoyle Products Inc	GTE
	Hoyle Jas E	GTE
	Hoyle Products Inc	GTE
	Hoyle Jas E	GTE
1986	Hoyle Jas E	Pacific Bell
	Hoyle Products Inc	Pacific Bell
1985	Hoyle Jas E	Pacific Telephone Co
	Hoyle Products Inc	Pacific Telephone Co
1980	Hoyle Earl L	Polk
	Hoyle Jas E	Polk
	Hoyle Products Inc	Polk

308 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Steams Marie Mrs tel opr h	Los Angeles Directory Co.

340 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Miller Sol M labeler	Los Angeles Directory Co.
	Whitlock Felix L Geneva R lab	Los Angeles Directory Co.
	Middleswarth Frank Ruth lab	Los Angeles Directory Co.

356 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Irwin Emmet P Stella Central Av Garage	Los Angeles Directory Co.

429 ORANGE GROVE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Henderson Wm A Eliz rancher	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Henry Jessie Mrs	Los Angeles Directory Co.
	Diehl Fred L Eliz	Los Angeles Directory Co.

PALM ST

214 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PEREZJuan C	Haines & Company, Inc.
	SMORRISWm	Haines & Company, Inc.
1993	Gonzalez Gerardo	GTE
	Gonzalez Gerardo	GTE
1986	Manzano Florencio Rosalind	Pacific Bell

218 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MORRISJ	Haines & Company, Inc.
1993	Cervantes Carlos	GTE
	Cervantes Carmen R	GTE
	Cervantes Carlos	GTE
	Cervantes E	GTE
	Cervantes E @Newbury Park	GTE
	Cervantes E @Newbury Park	GTE
1986	Cervantes Carlos	Pacific Bell
	Cervantes Carmen R	Pacific Bell
1985	Cervantes Carlos	Pacific Telephone Co
1975	Royston Howard	General Telephone Company of California

222 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Robles Efrain	Pacific Bell
1980	Rodriquez Javier	Polk

223 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.

224 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	ZERMENYOrenae	Haines & Company, Inc.
1986	Garcia Lauro	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	Garcia Lauro	Pacific Telephone Co

226 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CORTEZRaul	Haines & Company, Inc.
1986	I Vargas Rosa	Pacific Bell
1985	Cortez Raul	Pacific Telephone Co
1980	Cortez Raul	Polk
1970	Hernandez Frances	General Telephone Company of California

230 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	6 MORAMAori	Haines & Company, Inc.
1986	Cardenas Cesar & Lucy	Pacific Bell
	Cardenas D N	Pacific Bell

232 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1986	Guzman Gregorbo	Pacific Bell
	Barraza Henrietta	Pacific Bell
1985	Guzman Gregorio	Pacific Telephone Co
1980	Guzman Gregorio	Polk
	Rojas Asael J	Polk
	Rojas Uriel	Polk

234 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HERNANDEZAntono G	Haines & Company, Inc.
1953	Mc Clanahan John T O MI	R. L. Polk & Co. of California

236 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1993	Gonzalez IV	GTE
	Gonzalez I @Thousand Oaks	GTE
	Gonzalez I @Oxnard	GTE
	Gonzalez Hugo Cesar	GTE
	Gonzalez	GTE
	Gonzalez Hugo Cesar	GTE

FINDINGS

239 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	f Word Joe L	R. L. Polk & Co. of California
	e Fain Donald H MI	R. L. Polk & Co. of California
	d Martin Don W MI	R. L. Polk & Co. of California
	c Caidwell Arth	R. L. Polk & Co. of California
	a Mann Andy	R. L. Polk & Co. of California
	Paul Court	R. L. Polk & Co. of California
	b Allen Marvin M	R. L. Polk & Co. of California

241 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	d Oney Louciel MI	R. L. Polk & Co. of California
	c Partain Winfred J MI	R. L. Polk & Co. of California
	b Thraikill Robt D MI	R. L. Polk & Co. of California
	a Marlow Carl B MI	R. L. Polk & Co. of California
	Dibble Toby W mgr MI	R. L. Polk & Co. of California

242 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.

244 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.

246 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	Sauslberry Emma Mrs MI	R. L. Polk & Co. of California

248 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MILLAN Vcente R	Haines & Company, Inc.

254 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	Cavanillas Alex V	R. L. Polk & Co. of California
	Porras Laura Mrs rear House Ida B Mrs MI	R. L. Polk & Co. of California

FINDINGS

255 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	Braldo Lewis F	R. L. Polk & Co. of California

257 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	Dent Adelia Mrs MI	R. L. Polk & Co. of California

265 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	Barrios Joe O MI	R. L. Polk & Co. of California

275 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	Osuna Ruth A Mrs MI	R. L. Polk & Co. of California

280 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	a Jackson Fred	R. L. Polk & Co. of California
	b Hall Frank M MI	R. L. Polk & Co. of California
	Martel Susanna Mrs 4 MI	R. L. Polk & Co. of California
	c Henderson Fredk N	R. L. Polk & Co. of California
	Mc Govern John W	R. L. Polk & Co. of California
	Williams Nat K	R. L. Polk & Co. of California

283 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	Enemnas Clara E Mrs MI	R. L. Polk & Co. of California

295 PALM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1953	Fuller Phillip	R. L. Polk & Co. of California

S OLIVE ST

225 S OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Satit Sebastian Hall	Pacific Telephone Co
	Bojorquez Bernardo	Pacific Telephone Co

FINDINGS

SANTA ANNA ST

615 SANTA ANNA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Mendenhall F F	General Telephone Company of California
1970	Faulk Mary Mrs	General Telephone Company of California

SANTA CLARA

460 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	FILLMORE LIQUORS & DELI	Pacific Bell
1975	Fillmore Liquors	Pacific Telephone Co
1964	Palmer Viola K	Pacific Telephone Co
	Mc Kendry D R	Pacific Telephone Co
	Fillmore Liquors	Pacific Telephone Co
1949	Haley Geo H mgr Howard Supply Co r	Los Angeles Directory Co.
	Wileman Donald R h	Los Angeles Directory Co.
	Mac Donald Gordon J Pauline teller Bof A h	Los Angeles Directory Co.
	Kurtz Edw C ofc mgr Rudkins Motors r	Los Angeles Directory Co.
	Howard Supply Co G H Haley mgr oil well sups	Los Angeles Directory Co.

470 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.

474 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.

500 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	e PARSADaryush	Haines & Company, Inc.
	SEATHINGS	Haines & Company, Inc.

501 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GASOLUNE ALLEY	Pacific Bell

FINDINGS

502 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Deweys Texaco Serv	Southern California

504 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1996	MORRIS WM L	Pacific Bell
	CHEVROLET AND OLDSMOBILE	Pacific Bell
	MORRIS WM L	Pacific Bell
	CHEVROLET AND OLDSMOBILE	Pacific Bell
1975	Fillmore	Pacific Telephone Co
	MORRIS	Pacific Telephone Co
1964	MORRIS WM L auto dirs Fillmore New Cars	Pacific Telephone Co
1940	Morris Wm L Chevrolet Agcy	Southern California

505 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	CDV BUSINESS CONSULTING	Pacific Bell
1975	RUDKIN MOTOR SERVICE	Pacific Telephone Co
1964	RUDKIN MOTOR SERV Sates & Serv Dept	Pacific Telephone Co
1940	Rudkin Motor Service	Southern California

506 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SCOTTRick 805 041 1 B	Haines & Company, Inc.

507 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	PARKER H M & SON auto pts & weldng suppl	Pacific Telephone Co

510 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	BAKER TED BUICK INC Automobile Dir	Pacific Telephone Co
1940	Baker Motor Co	Southern California

516 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CATWYS CORNER	Haines & Company, Inc.

FINDINGS

518 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	JEWELRY	Haines & Company, Inc.
	BIRKENSTOCK	Haines & Company, Inc.
	GLISTEN WHOLESale	Haines & Company, Inc.

520 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	CAR PARTS INC	Pacific Telephone Co

522 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	EASY WEAR	Haines & Company, Inc.
1949	Hudson Orva beauty shop	Los Angeles Directory Co.

525 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1975	House Of Signs The	Pacific Telephone Co

526 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Mascho Dewey B	Pacific Telephone Co
1949	Robinson Lois M wid E R h	Los Angeles Directory Co.

527 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Peoples Lumber Co B W Roderick mgr	Los Angeles Directory Co.
1940	Peoples Lumber Co	Southern California

530 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.

533 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	FILLMORE SENIOR CENTER INC	Pacific Bell
1975	Fillmore Card Club	Pacific Telephone Co
	Pan Pad Restaurant The	Pacific Telephone Co
	Pan Pad The	Pacific Telephone Co

FINDINGS

540 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Hr OGGeorse	Haines & Company, Inc.
	LAa Ril OREJessy	Haines & Company, Inc.
	MARTIN A 605 S	Haines & Company, Inc.
	IAISK 1 EWCZJ	Haines & Company, Inc.
	SCHNOEI DEOJames	Haines & Company, Inc.
	SYSTEM WESTERN	Haines & Company, Inc.
	PAYPHONE	Haines & Company, Inc.
	LWODLisa	Haines & Company, Inc.
	HOTEL&APARTIIENTS	Haines & Company, Inc.
	HENSHAW	Haines & Company, Inc.
	CURVE Joaeps OJFRENEL Sea	Haines & Company, Inc.
	A DLEDGES	Haines & Company, Inc.
	APARTMENTS	Haines & Company, Inc.
	MODRCKER K 00y	Haines & Company, Inc.

546 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Gates Esther R h	Los Angeles Directory Co.
1940	Mc Mahons Mkt	Southern California

548 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Fillmore	Pacific Telephone Co
	STORER CABLE TV INC Service Offices..Day Or Night Call	Pacific Telephone Co
1964	FILLMORE FULLER PAINT & GLASS	Pacific Telephone Co

557 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	NELSON CHAS B VETERINARY CULIC	Pacific Bell
1975	Ofc	Pacific Telephone Co
	Nelson Chas B Veterinary Clinic	Pacific Telephone Co
1964	Nelson Chas B Drvetnrian	Pacific Telephone Co

560 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Boren Bill Honda	Pacific Telephone Co
1940	Gazzaways Garage	Southern California

FINDINGS

562 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	CAMPBELLS AUTO REPAIR	Pacific Bell
1975	BOBS RADIATOR SHOP	Pacific Telephone Co

563 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Fillmore Pipe Co	Pacific Telephone Co
1949	Letoil John firemn FFD r	Los Angeles Directory Co.
1940	Fillmore Concrete Pipe Wks	Southern California
	Fillmore Concrete Pipe Wks	Southern California

567 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.

569 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	AUNTIE CHRIS PAMPERED PETS	Pacific Bell
1975	Pots Etc	Pacific Telephone Co

602 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Ponce Adolfo A	Pacific Telephone Co
1964	Gurrola G D	Pacific Telephone Co
1949	Finnell Eug mot pict opr r	Los Angeles Directory Co.
	Finnell Saml I Ruth oilwkr h	Los Angeles Directory Co.

603 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	R ELECTRIC	Pacific Bell
1975	Richter R W Sr	Pacific Telephone Co
	Richter R W	Pacific Telephone Co
1964	Richter R W	Pacific Telephone Co
	Royal Electric	Pacific Telephone Co
1949	Higgins Jos B Clara mgr SCECo h	Los Angeles Directory Co.

604 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Marquez Belen	Pacific Telephone Co
1964	Marquez Belen	Pacific Telephone Co

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Walker Wm Josephine h	Los Angeles Directory Co.
	Froehlich Dora wid Wnm r	Los Angeles Directory Co.

609 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Campbell A C Mrs	Pacific Telephone Co
1949	Fernandez Juan Dolores ranchwkr h	Los Angeles Directory Co.

612 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Gates Ezra G	Pacific Telephone Co
1949	Sweeney John R Ila Jean elk h	Los Angeles Directory Co.

613 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Hart Mary Mrs	Pacific Telephone Co
1964	Fuller Walter	Pacific Telephone Co
	Hart Leonard W	Pacific Telephone Co
1949	Hensley Mack pkr r	Los Angeles Directory Co.
	Hensley Michl pkr r	Los Angeles Directory Co.
	Hensley Thurman Mary pkr h	Los Angeles Directory Co.
	Hensley Winfred dr r	Los Angeles Directory Co.

618 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Rose Ruth	Pacific Telephone Co

619 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Cloyd Hulbert C	GTE
	Cloyd Hulbert C	GTE
1986	Cloyd Hulbert C	Pacific Bell
1975	Yonts Maude M	Pacific Telephone Co
1964	Yonts Maude M	Pacific Telephone Co
1949	Youts Frank Maude h	Los Angeles Directory Co.

625 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines & Company, Inc.
1996	Howard Gerald F	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Howard Gerald F	Pacific Telephone Co
1964	Howard Gerald F	Pacific Telephone Co
1949	Howard Gerald F Evelyn h	Los Angeles Directory Co.
1940	Palmer Geo r	Southern California

629 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Ellis WE	Pacific Telephone Co
1964	Ellis W E	Pacific Telephone Co
1949	Ellis W Earl Ora G wldr h	Los Angeles Directory Co.
1940	Ellis W E r	Southern California

634 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Jones Bros Fillmore Vulcanizing Wks	Southern California

639 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Hampton O U	Pacific Telephone Co
1949	Hampton Orville U Vivian acct r	Los Angeles Directory Co.
	Hampton Thos Sarah h	Los Angeles Directory Co.

643 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Eckert Robt C	Pacific Bell
1975	YULE BUILDING MAINTENANCE	Pacific Telephone Co
1949	Bowie Fannie M wid J N h	Los Angeles Directory Co.

648 SANTA CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Payne David M Mary K cond h	Los Angeles Directory Co.

SANTA CLARA AVE

447 SANTA CLARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Kieffer Robt Grace mgr Sou Cal Edison Co	Los Angeles Directory Co.

FINDINGS

449 SANTA CLARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Flanagan Minnie	Los Angeles Directory Co.
	Fleming Geo A Peyts Garage	Los Angeles Directory Co.

504 SANTA CLARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Body Shop	Pacific Bell

507 SANTA CLARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	OSCAR S SHOP	Pacific Bell

510 SANTA CLARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Yeakle & Hasting W S Yeakle H J Hasting bldg contrs Santa Clara nr Orange	Los Angeles Directory Co.
	Yeakle Wm S Alice Yeakle & Hasting	Los Angeles Directory Co.

520 SANTA CLARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Pearce Floyd M Gladys E sheet metalwkr J C Dunn	Los Angeles Directory Co.
	Pearce Nancy J Mrs	Los Angeles Directory Co.

548 SANTA CLARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Ventura County Cablevision	GTE
	Fillmore	GTE
	Fillmore	GTE
1926	Hanna Geo P Eleanore driller	Los Angeles Directory Co.
	Hampton Thos W Sarah firemn	Los Angeles Directory Co.

603 SANTA CLARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Richter R W Sr	GTE
	Richter R W Sr	GTE

619 SANTA CLARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Yonts Maude M	General Telephone Company of California
1930	Burke W Peyton Nettie Peyts Garage	Los Angeles Directory Co.

FINDINGS

SANTA CLARA ST

439 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Fillmore Packing Co R A Fremlin E IHI Eskew IHerbt Walker	Los Angeles Directory Co.
1926	Fillmore Packing Co R A Fremlin E H Eskaw Herbert Walker	Los Angeles Directory Co.

460 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Fillmore Liquors & Deli	GTE
	Fillmore Liquors & Deli	GTE
1986	Massey Florine	Pacific Bell
	Fillmore Liquors & Dell	Pacific Bell
1985	Massey Florine	Pacific Telephone Co
	Locey Lauren L	Pacific Telephone Co
	Fillmore Liquors & Deli	Pacific Telephone Co
1980	Olson Ron	Polk
	FILLMORE LIQUORS & DELI	Polk
1926	Whitlow Jos E Anne phys	Los Angeles Directory Co.
	Brown Fred C lab	Los Angeles Directory Co.
	Brown Frank T dentist	Los Angeles Directory Co.

Santa Clara St

501 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	DOUBLE A CAFE	EDR Digital Archive
	DOUBLE A CAFE	EDR Digital Archive
2010	DOUBLE A CAFE	EDR Digital Archive
	DOUBLE A CAFE	EDR Digital Archive
2005	RONs BBQ & GRILL	EDR Digital Archive
	RONs BBQ & GRILL	EDR Digital Archive

SANTA CLARA ST

501 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Compu Aid	GTE
	Compu Data Services @Ventura	GTE

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Compu Aid	GTE
1986	Santa Paula Cleaners	Pacific Bell
1985	Fillmore Chamber Of Commerce	Pacific Telephone Co
1930	Armstrong & Rudkin N L Armstrong T N Rudkin gas sta	Los Angeles Directory Co.

502 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Opwell John autos	Los Angeles Directory Co.
1926	Fischer Rudolph F Edith gas sta	Los Angeles Directory Co.

504 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	MORRIS W M	GTE
	L CHE VROLE T AN D OLDS MOBILEFILLMORE Fillmore New Car Sales	GTE
	Body Shop	GTE
	MORRIS W M	GTE
	New Car Sales	GTE
	MORRIS W M	GTE
	MORRIS W M	GTE
	Body Shop	GTE
	MORRIS W M	GTE
	New Car Sales	GTE
	MORRIS W M	GTE
	Body Shop	GTE
	MORRIS W M	GTE
	New Car Sales	GTE
	Body Shop	GTE
	MORRIS W M	GTE
	New Car Sales	GTE
	MORRIS W M	GTE
	MORRIS W M	GTE
	Body Shop	GTE
	L CHE VROLE T AN D OLDS MOBILEFILLMORE Fillmore New Car Sales	GTE
	Body Shop	GTE
	New Car Sales	GTE
	Body Shop	GTE

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	New Car Sales	GTE
	Body Shop	GTE
	New Car Sales	GTE
	Body Shop	GTE
	New Car Sales	GTE
	Body Shop	GTE
1986	L CHEVROLET AND OLDS MOBILEFILLMORE Fillmore New Car Sales	Pacific Bell
	New Car Sales	Pacific Bell
	Body Shop	Pacific Bell
	New Car Sales	Pacific Bell
	Body Shop	Pacific Bell
	New Car Sales	Pacific Bell
	Body Shop	Pacific Bell
	New Car Sales	Pacific Bell
1985	MORRIS WM L CHEVROLET AND FILLMORE Fillmore New Car Sales	Pacific Telephone Co
	Body Shop	Pacific Telephone Co
	Oxnard New Car Sales	Pacific Telephone Co
	Body Shop	Pacific Telephone Co
	Santa Paula New Car Sales	Pacific Telephone Co
	Body Shop	Pacific Telephone Co
	Saticoy New Car Sales	Pacific Telephone Co
	Body Shop	Pacific Telephone Co
	Ventura New Car Sales	Pacific Telephone Co
	Body Shop	Pacific Telephone Co
1980	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	New Car Sales	Polk
	Body Shop	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	New Car Sales	Polk
	New Car Sales	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Body Shop	Polk
	New Car Sales	Polk

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Body Shop	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Body Shop	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	New Car Sales	Polk
	Body Shop	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
1975	Fillmore	General Telephone Company of California
	Ventura Telephones Call	General Telephone Company of California
1970	New Cars	General Telephone Company of California

Santa Clara St

505 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	FILLMORE NEWSPAPERS INC	EDR Digital Archive
	FILLMORE NEWSPAPERS INC	EDR Digital Archive

SANTA CLARA ST

505 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Fillmore Area Transit	GTE
	Fillmore Area Transit	GTE
1986	Safety Striping Service Inc	Pacific Bell
	From Saticoy Telephones Call	Pacific Bell
	Safetyway	Pacific Bell
	Safeway Stores Inc	Pacific Bell
	Safety Striping Service	Pacific Bell
1985	Safety Striping Service	Pacific Telephone Co
	Safety Striping Service Inc	Pacific Telephone Co

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Vaughn Barzilai Studios	Polk
1975	RUDKIN MOTOR SERVICE	General Telephone Company of California
1970	RUDKIN MOTOR SERVICE	General Telephone Company of California
1949	RUDKIN MOTOR SERVICE F H Rudkin Jr De Soto and Plymouth Motor Cars International Trucks Goodyear Tires Official Garage For Automobile Club of Southern California Gasoline	Los Angeles Directory Co.

506 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	MORRIS W M	GTE
	Parts Sales	GTE
	MORRIS W M	GTE
	Parts Sales	GTE
	MORRIS W M	GTE
	Parts Sales	GTE
	MORRIS W M	GTE
	Parts Sales	GTE
	Parts Sales	GTE
	MORRIS W M	GTE
	Parts Sales	GTE
	Parts Direct Line	GTE
	Parts Sales	GTE
	Parts Direct Line	GTE
	Parts Sales	GTE
	Parts Direct Line	GTE
	Parts Sales	GTE
	Parts Direct Line	GTE
	Parts Sales	GTE
	Parts Direct Line	GTE
	Morris Willy @Thousand Oaks	GTE
1986	Parts Sales	Pacific Bell
	Parts Direct Line	Pacific Bell
	Parts Sales	Pacific Bell
	Parts Direct Line	Pacific Bell
	Parts Direct Line	Pacific Bell
	Morris Wm L Jr	Pacific Bell
	Parts Sales	Pacific Bell
	Parts Direct Line	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Parts Sales	Pacific Bell
	Parts Direct Line	Pacific Bell
	Parts Sales	Pacific Bell
1985	Parts Sales	Pacific Telephone Co
	Parts Sales	Pacific Telephone Co
	Parts Sales	Pacific Telephone Co
1980	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Parts Sales	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Parts Sales	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Parts Sales	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Parts Sales	Polk
	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore	Polk
	Parts Sales	Polk

507 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	M & A upholsterers	Pacific Telephone Co
1970	Parker H M & Son auto prts & weldng supis Fillmore	General Telephone Company of California

Santa Clara St

508 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	MACS FURNITURE	EDR Digital Archive
	MACS FURNITURE	EDR Digital Archive
2005	MIRAGE	EDR Digital Archive
	ANTIQUÉ ATTIC	EDR Digital Archive
	MIRAGE	EDR Digital Archive
	ANTIQUÉ ATTIC	EDR Digital Archive

FINDINGS

SANTA CLARA ST

508 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	MORRIS WM L CHEVROLET AND OLDSMOBILE FILLMORE Fillmore Business Ofc	Polk Polk

509 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Olsen Lee Olsen Lawrence Sr Larry The Handyman	Pacific Bell Pacific Bell Pacific Bell
1985	Santa Paula Cleaners Larry The Handyman	Pacific Telephone Co Pacific Telephone Co

510 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Beckwith R F autos	Los Angeles Directory Co.
1926	Peyts Garage Peyton Burk G A Fleming Wooldridge Mack Co Clarence R Young mgr tractors	Los Angeles Directory Co. Los Angeles Directory Co.

511 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Fillmore Cafe Geo Barber Steve Pappas	Los Angeles Directory Co.

513 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Ridenbaugh a FFy P Eliz restr	Los Angeles Directory Co.

515 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Wallace & Son J C and M N meats	Los Angeles Directory Co.
1926	Gray & Roth A M Gray mgr meats Greaves Robt clk H M Lawton Darter Wright Vera agt L A & Santa Barbara Motor Exp Daleys H P De Bord mgr gro	Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co. Los Angeles Directory Co.

FINDINGS

516 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Woolridge Mack tractors	Los Angeles Directory Co.

517 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Tingle John P Mallie furn	Los Angeles Directory Co.
1926	Tingle J P Mollie furn	Los Angeles Directory Co.

518 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	CHEVROLET DEALERS Woods & Lewis	Los Angeles Directory Co.
	Chisholm J Leo Lizzie lab	Los Angeles Directory Co.
	WOODS & LEWIS E W Woods J H Lewis Chevrolet Dealers	Los Angeles Directory Co.

520 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	El Correo Del Libro En Espanol	GTE
	El Catrin	GTE
	El Catrin	GTE
1985	PARKERS AUTO PARTS	Pacific Telephone Co
1980	PARKERS AUTO PARTS	Polk
1975	Parker Harold B	General Telephone Company of California
	PARKE R H M & S ON See Car Parts Inc	General Telephone Company of California
1970	ALLIE D ALUMIN UM MFG CO	General Telephone Company of California
1930	Rihbany Chas S Yesmane gro	Los Angeles Directory Co.
1926	Patterson & Britt H A Patterson W E Britt gros	Los Angeles Directory Co.

521 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Los Angeles & Santa Barbara Motor Express Co Wright Darter agt	Los Angeles Directory Co.

522 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Reynolds Jos Jaunita barber	Los Angeles Directory Co.
	Jones C Fredonia Mrs beauty shop	Los Angeles Directory Co.
1926	Roberts Arth M EBliz harness	Los Angeles Directory Co.
	Reynolds Jos M Juanita barber	Los Angeles Directory Co.

FINDINGS

524 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Thomas John W Olive A beverages	Los Angeles Directory Co.

525 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	House Of Signs The	General Telephone Company of California
1930	Motor Freight Terminal W B Wiley agt	Los Angeles Directory Co.

526 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Gutierrez Jose Luis	GTE
	Gutierrez Jos	GTE
	Gutierrez Jose Luis	GTE
1975	Schell Norma Mrs	General Telephone Company of California
1930	Wood Wm E Eliz M	Los Angeles Directory Co.

529 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	PEOPLES LUMJBER CO C F Reeder Mgr	Los Angeles Directory Co.

Santa Clara St

533 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	VENTURA COUNTY SENIOR CITIZENS	EDR Digital Archive
	VENTURA COUNTY SENIOR CITIZENS	EDR Digital Archive

SANTA CLARA ST

533 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Fillmore Senior Center Inc	GTE
	Fillmore Senior Center Inc	GTE
1986	Pan Pad Club Room	Pacific Bell
	Pan Pad Restaurant The	Pacific Bell
1985	Pan Pad Club Room	Pacific Telephone Co
	Pan Pad Restaurant The	Pacific Telephone Co
1980	Pan Pad Club Room	Polk
	Pan Pad Restaurant The	Polk

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Pan Pad Restaurant The	General Telephone Company of California
	Pan Pad The	General Telephone Company of California
	t	General Telephone Company of California

536 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Ohler Carl H Hilda tires	Los Angeles Directory Co.

538 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Rich Jas A Mauda MI auto repr	Los Angeles Directory Co.

Santa Clara St

542 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	APOLLO DYNAMICS INC	EDR Digital Archive
	SESPE MEDICAL RENTALS	EDR Digital Archive
	APOLLO DYNAMICS INC	EDR Digital Archive
	SESPE MEDICAL RENTALS	EDR Digital Archive

SANTA CLARA ST

546 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Work and Hooked Rugs	Los Angeles Directory Co.

Santa Clara St

548 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	ADELPHIA CABLEVISION INC	EDR Digital Archive
	ADELPHIA CABLEVISION INC	EDR Digital Archive

SANTA CLARA ST

548 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	Fitlmore e Offi ce	Pacific Telephone Co
1980	Fillmore	Polk
	Service Offices Day Or Night Call	Polk

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Fillmore	General Telephone Company of California
	Western Region Ofc	General Telephone Company of California
1970	Western Div Ofc	General Telephone Company of California
	Fillmore	General Telephone Company of California
1930	Hallstead Bert W Rena elect supp	Los Angeles Directory Co.
1926	Hallstead Bert W Rena auto electn	Los Angeles Directory Co.

552 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Gazzaway Wm E Pattie auto repr	Los Angeles Directory Co.
1926	Schmid Bros E D Schmid mgr garage	Los Angeles Directory Co.

Santa Clara St

557 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OTHER VETERINARIANS	EDR Digital Archive
	OTHER VETERINARIANS	EDR Digital Archive
2010	OTHER VETERINARIANS	EDR Digital Archive
	OTHER VETERINARIANS	EDR Digital Archive
2005	MARTELLO INC	EDR Digital Archive
	OTHER VETERINARIANS	EDR Digital Archive
	PACIFIC PROFESSIONALS	EDR Digital Archive
	PACIFIC PROFESSIONALS	EDR Digital Archive
	MARTELLO INC	EDR Digital Archive
	OTHER VETERINARIANS	EDR Digital Archive

SANTA CLARA ST

557 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Ofc	GTE
	Ofc	GTE
	Nelson Chas B Veterinary Clinic	GTE
1986	Ofc	Pacific Bell
1985	Nelson Chas B Veterinary Clinic Ofc	Pacific Telephone Co
1980	Ofc	Polk
	Nelson Chas B Veterinary Clinic	Polk
1970	Ofc	General Telephone Company of California

FINDINGS

Santa Clara St

560 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	TOYS & MORE	EDR Digital Archive
	TOYS & MORE	EDR Digital Archive

SANTA CLARA ST

560 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Her Maiestys House of Style	General Telephone Company of California

561 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Fillmore Retail Merchants Assn J A Peres pres W E Foster sec	Los Angeles Directory Co.
	FILLMORE PIPE WORKS Dewey I Jourdan Manufacturers Machine Made Irrigation Drain Tile	Los Angeles Directory Co.

Santa Clara St

562 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	BOBS RADIATOR SHOP	EDR Digital Archive
	BOBS RADIATOR SHOP	EDR Digital Archive
2010	CAMPBELLS AUTO REPAIR	EDR Digital Archive
	BOBS RADIATOR SHOP	EDR Digital Archive
	CAMPBELLS AUTO REPAIR	EDR Digital Archive
	BOBS RADIATOR SHOP	EDR Digital Archive
2005	BOBS RADIATOR SHOP	EDR Digital Archive
	BOBS RADIATOR SHOP	EDR Digital Archive

SANTA CLARA ST

562 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Campbells Auto Repair	GTE
	Campbell Beverly @Newbury Park	GTE
	Campbell Beth	GTE
	Campbell Berger	GTE

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Campbell Barbara @Oxnard	GTE
	Campbell B & R @Santa Paula	GTE
	Campbell B @Camarillo	GTE
	Campbell Auto Repair	GTE
	Campbells Auto Repair	GTE
	Campbell Auto Repair	GTE
1986	CAMPBE LLS AUTO RE PAIR	Pacific Bell
	Campbell B	Pacific Bell
	Campbell B @Thousand Oaks	Pacific Bell
	Campbell B @Camarillo	Pacific Bell
	Campbell Auto Repair	Pacific Bell
1985	CAMPBELLS AUTO REPAIR	Pacific Telephone Co
	Campbell Auto Repair	Pacific Telephone Co
1980	BOBS RADIATOR SHOP	Polk
1975	BOBS RADIATOR S HOP	General Telephone Company of California
1970	FILLMORE RADIATOR S HOP	General Telephone Company of California

563 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Fowler & Myers Concrete Products	General Telephone Company of California
	Fillmore Pipe Co Fowler & Myers Concrete Products	General Telephone Company of California

564 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Foster Chas E Alma chauf	Los Angeles Directory Co.

569 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Auntie Chris Pampered Pets	GTE
	Auntie Chris Pampered Pets	GTE
	Auntie Flos Critter Sitters	GTE
1986	Auntie Chris Pampered Pets	Pacific Bell
1985	Auntie Chris Pampered Pets	Pacific Telephone Co
1980	B & D Dog Grooming	Polk
1975	Pots Etc	General Telephone Company of California

602 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Ponce Adolfo A	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	Ponce Adolfo A	Pacific Telephone Co
1980	Ponce Adolfo A	Polk
1975	Ponce Adolfo A	General Telephone Company of California
1930	Kelley Sami	Los Angeles Directory Co.
	Pearce Nancy J Mrs	Los Angeles Directory Co.

Santa Clara St

603 Santa Clara St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	R ELECTRIC INC	EDR Digital Archive
	R ELECTRIC INC	EDR Digital Archive
2005	R ELECTRIC INC	EDR Digital Archive
	R ELECTRIC INC	EDR Digital Archive

SANTA CLARA ST

603 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	R Electric	GTE
	Richter R W	GTE
	R Electric	GTE
	Richter R W	GTE
1986	Richter R W Sr	Pacific Bell
	R Electric	Pacific Bell
	Richter R W	Pacific Bell
1985	Richter R W	Pacific Telephone Co
	Richter R W Sr	Pacific Telephone Co
1980	R Electric	Polk
1975	R Electric	General Telephone Company of California
	RAM LOCK & KE Y S HOP	General Telephone Company of California
	Richter R W	General Telephone Company of California
	Richter R W Sr	General Telephone Company of California
1970	Cantrell Janet	General Telephone Company of California
	R Electric	General Telephone Company of California
	R Electric Squaw Flat Rd @Fillmore	General Telephone Company of California
	Richter R W Sr	General Telephone Company of California
1930	Tyrell Harvey E Esther troublemn Sou Cal Edison Co	Los Angeles Directory Co.

FINDINGS

604 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Marquez Belen	General Telephone Company of California
1930	Anderson Chas A Olive carp	Los Angeles Directory Co.

609 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Fisher Alice M	GTE
	Fisher Alice M	GTE
1986	Moser Chuck & Sandi	Pacific Bell
1975	Campbell A C	General Telephone Company of California
1970	Campbell A C	General Telephone Company of California
1930	Inman Marsh Eliza	Los Angeles Directory Co.

612 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Chandler Porter L	Polk
1975	Chandler Porter L	General Telephone Company of California
1970	Chandler Porter L	General Telephone Company of California
1930	Jackson Hermina Mrs	Los Angeles Directory Co.

613 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Hart Mary Mrs	Pacific Bell
1985	Hart Mary Mrs	Pacific Telephone Co
1980	Hart Mary Mrs	Polk
1975	Hart Mary Mrs	General Telephone Company of California
1930	Hulsey Wm R Ellen	Los Angeles Directory Co.
	Jordan Wm	Los Angeles Directory Co.

618 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Welch Roy	Pacific Bell
1985	Welch Roy	Pacific Telephone Co
1980	Rose Ruth	Polk
1975	Rose Ruth	General Telephone Company of California
1970	Jones Tom L	General Telephone Company of California
1930	Flanagan Minnie	Los Angeles Directory Co.

FINDINGS

619 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	Van Noy Gary	Pacific Telephone Co
1980	Epperheimer Mark	Polk
1930	Klein Geo Alice oilwkr	Los Angeles Directory Co.

625 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Howard Gerald F	Pacific Bell
1985	Howard Gerald F	Pacific Telephone Co
1980	Howard Gerald F	Polk
1930	Price Robt Eloise pntr	Los Angeles Directory Co.

626 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Henry & Morgan Samn He 1lnry F N Morgan welders	Los Angeles Directory Co.

629 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Taylor W Matthew	GTE
	Taylor W Matthew	GTE
	Taylor Walter J & Myrna	GTE
1980	Ellis W E	Polk
1975	Ellis W E	General Telephone Company of California
1930	Lippincott Carter Thelma formn Mack Wooldridge	Los Angeles Directory Co.

630 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Stout John A blksmith	Los Angeles Directory Co.

639 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Hampton Thos Sarah	Los Angeles Directory Co.

643 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Eckert Robt C	GTE
	Eckert Robt C	GTE
1986	Eckert Robt C	Pacific Bell
1985	Eckert Robt C	Pacific Telephone Co

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Eckert Robt C	Polk
1975	Eckert Robt C	General Telephone Company of California
	YULE BUILDIN G MAIN TE N AN CE	General Telephone Company of California
1930	Bowie J Donald	Los Angeles Directory Co.
	Bowie Fannie M Mrs	Los Angeles Directory Co.

648 SANTA CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Gonzalez Cynthia	Pacific Bell

SANTA PAULA ST

449 SANTA PAULA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Edwards R G supervising dir Pacific Southwest Tr & Sav Bank	Los Angeles Directory Co.

VENTURA ST

502 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	CROWN CHRYSLER DODGE	Pacific Bell
1993	Crown Chrysler Dodge	GTE
	Crown Communications Systems	GTE
	Crown Communications Systems	GTE
	Crown Chrysler Dodge	GTE
1986	Chriss Auto Body Painting & Detail Shop	Pacific Bell
	Deals On Wheels	Pacific Bell
	From Reseda Telephones Call	Pacific Bell
	From Ventura Telephones Call	Pacific Bell
1985	Burson Auston Auto Repair	Pacific Telephone Co
	Chriss Auto Body Painting & Detail Shop	Pacific Telephone Co
1980	Transportation Vehicles Inc	Polk
	FILLMORE FORD	Polk
	Fillmore Motors Ford	Polk
	FILLMORE MOTORS INC	Polk
1975	J	General Telephone Company of California
	I	General Telephone Company of California
1970	FILLMORE MOTORS FORD	General Telephone Company of California
	Fillmore Motors Ford	General Telephone Company of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Fillmore Motors Ford	General Telephone Company of California
1930	Balden Lloyd	Los Angeles Directory Co.
	Balden Julius W Ella M rancher	Los Angeles Directory Co.

504 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Key Leasing	Pacific Bell
	Key Meeting Resorts Wstlk Vlg	Pacific Bell
1985	Key Leasing	Pacific Telephone Co

513 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	L & K AUTOMOTIVE PARTS	General Telephone Company of California
	LM AS S OCIATE S	General Telephone Company of California
1964	L & K Automotive Parts	Pacific Telephone Co

515 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	B BOBLETT'S AUTOMOTIVE	Pacific Bell
	A PERCES KENPO KARATE	Pacific Bell
	JIMS FILLMORE TOWING	Pacific Bell
1993	Parker Auto Parts	GTE
	Parker B	GTE
	Parkere	GTE
	Parker B @Oxnard	GTE
	Parker Auto Parts	GTE
1986	PARKE RS AUTO PARTS	Pacific Bell
	Parkerson A	Pacific Bell
1985	BULLARDS AUTOMOTIVE	Pacific Telephone Co
1980	L & K AUTOMOTIVE PARTS	Polk
	Tonys Auto Repair	Polk
1975	L & K AUTOMOTIVE PARTS	General Telephone Company of California
	L M AS S OCIATE S	General Telephone Company of California
	Mikes L & K Transmission Shop	General Telephone Company of California

517 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Roe Mary Mrs	Los Angeles Directory Co.
	Roe Chas	Los Angeles Directory Co.

FINDINGS

523 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Barker Jesse W	General Telephone Company of California
1930	James Alex Julia gas sta Santa Clara at e city limit	Los Angeles Directory Co.
	Jackson J Herman Sally mech Peyts Garage	Los Angeles Directory Co.

527 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Rihbany Nash elk C S Rihbany	Los Angeles Directory Co.

529 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	DOMINOS PIZZA	Pacific Bell
	553 CENTURY 21 BUENA VISTA	Pacific Bell
1993	Dominos Pizza	GTE
	Domke Howard J	GTE
	Dominos Pizza	GTE
	Dominski A	GTE
	Dominy Russell & Suzanne @Oxnard	GTE
	Domiquez A & M	GTE
	Domke Cal	GTE
	Domn Cheryl @Camarillo	GTE
1985	B & N FAMILY STORE	Pacific Telephone Co
1980	SANDYS SPORTING GOODS BEER & WINE	Polk
1975	Sandys Sporting Goods I	General Telephone Company of California

537 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Mosbarger Wmn S Mary	Los Angeles Directory Co.
	Mosbarger Vivian	Los Angeles Directory Co.
	Mosbarger Clinton	Los Angeles Directory Co.

543 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Branson Thos J Manda J	Los Angeles Directory Co.

547 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Millsap W Clinton Minnie ins	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Millsap Dossie	Los Angeles Directory Co.

553 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Vest Electric	Polk
1975	Vest Electric	General Telephone Company of California
1970	Fillmore Realty	General Telephone Company of California
	VE S T E L E C T R I C	General Telephone Company of California
1930	Fisher J Valentine Cath E exp	Los Angeles Directory Co.

555 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	FILLMORE RE ALTY	Pacific Bell
1985	Videola The	Pacific Telephone Co
	FILLMORE REALTY	Pacific Telephone Co
1980	Fillmore Flea Fair	Polk
1975	Fillmore Ofc	General Telephone Company of California
1970	Fend Wayne ins	General Telephone Company of California

557 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Elkins Ranch Co Ofc	Pacific Bell
1980	Ofc	Polk
	Elkins Ranch Co	Polk
1975	Ofc	General Telephone Company of California

563 VENTURA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SEGOVIAS HIDEAWAY	Pacific Bell
	600 PAY LESS DRUG STORE	Pacific Bell
	602 MOONLIGHT DONUTS	Pacific Bell
	612 SUBWAY SANDWICH & SALADS	Pacific Bell
1993	i La Cabana	GTE
	i La Cabana	GTE
	Laby Jordan & Sandra	GTE
1986	Big Als Pizza	Pacific Bell
1985	Big Als Pizza	Pacific Telephone Co
1980	Riboly Restaurant	Polk
1975	Lantern The	General Telephone Company of California
1930	Brown John PF Cora oilwkr	Los Angeles Directory Co.

FINDINGS

W CENTRAL AVE

334 W CENTRAL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	Central Chiropractic Clinic Fillmore	GTE

W Ventura St

449 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	VALLEY TRACTOR	EDR Digital Archive
	VALLEY TRACTOR	EDR Digital Archive
2010	VALLEY TRACTOR	EDR Digital Archive
	VALLEY TRACTOR	EDR Digital Archive
2005	VALLEY TRACTOR	EDR Digital Archive
	VALLEY TRACTOR	EDR Digital Archive

460 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ERNIES AUTOMOTIVE SERVICE	EDR Digital Archive
	ERNIES AUTOMOTIVE SERVICE	EDR Digital Archive
2010	ERNIES AUTOMOTIVE SERVICE	EDR Digital Archive
	ERNIES AUTOMOTIVE SERVICE	EDR Digital Archive
2005	ERNIES AUTOMOTIVE SERVICE	EDR Digital Archive
	ERNIES AUTOMOTIVE SERVICE	EDR Digital Archive

461 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PRIMO AUTO SALES	EDR Digital Archive
	PRIMO AUTO GLASS	EDR Digital Archive
	PRIMO AUTO SALES	EDR Digital Archive
	PRIMO AUTO GLASS	EDR Digital Archive
2005	ROWAN VINTAGE	EDR Digital Archive
	BARBER STATION	EDR Digital Archive
	ROWAN VINTAGE	EDR Digital Archive
	BARBER STATION	EDR Digital Archive

502 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	WE ARE WIRELESS	EDR Digital Archive
	WE ARE WIRELESS	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	CROWN CHRYSLER DODGE	EDR Digital Archive
	S & S AUTO REPAIR INC	EDR Digital Archive
	UNITED SHAH CORPORATION	EDR Digital Archive
	S & S AUTO REPAIR INC	EDR Digital Archive
	UNITED SHAH CORPORATION	EDR Digital Archive
2005	CROWN CHRYSLER DODGE	EDR Digital Archive
	FREEWAY AUTO SALES	EDR Digital Archive
	S&S AUTO REPAIR	EDR Digital Archive
	FILLMR THRIFT STORE	EDR Digital Archive
	CIRCLE Z STORES	EDR Digital Archive
	UNITED SHAH CORP	EDR Digital Archive
	CHAMPS MOTORSPORTS	EDR Digital Archive
	CHAMPS MOTORSPORTS	EDR Digital Archive
	FREEWAY AUTO SALES	EDR Digital Archive
	CIRCLE Z STORES	EDR Digital Archive
	FILLMR THRIFT STORE	EDR Digital Archive
	UNITED SHAH CORP	EDR Digital Archive
	CHAMPS MOTORSPORTS	EDR Digital Archive
	S&S AUTO REPAIR	EDR Digital Archive
CHAMPS MOTORSPORTS	EDR Digital Archive	

515 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PERCES KENPO KARATE	EDR Digital Archive
	ESTRADAS AUTOMOTIVE	EDR Digital Archive
	PERCES KENPO KARATE	EDR Digital Archive
	ESTRADAS AUTOMOTIVE	EDR Digital Archive
2010	ESTRADAS AUTOMOTIVE	EDR Digital Archive
	PERCES KENPO KARATE	EDR Digital Archive
	ESTRADAS AUTOMOTIVE	EDR Digital Archive
2005	PERCES KENPO KARATE	EDR Digital Archive
	PERCES KENPO KARATE	EDR Digital Archive
	JIMS FILLMORE TOWING INC	EDR Digital Archive
	ESTRADAS AUTOMOTIVE	EDR Digital Archive
	PERCES KENPO KARATE	EDR Digital Archive
	ESTRADAS AUTOMOTIVE	EDR Digital Archive
	JIMS FILLMORE TOWING INC	EDR Digital Archive

FINDINGS

529 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	DOMINOS PIZZA OF FILLMORE	EDR Digital Archive
	DOMINOS PIZZA OF FILLMORE	EDR Digital Archive
2010	DOMINOS PIZZA OF FILLMORE	EDR Digital Archive
	DOMINOS PIZZA OF FILLMORE	EDR Digital Archive
2005	DOMINOS PIZZA OF FILLMORE	EDR Digital Archive
	DOMINOS PIZZA OF FILLMORE	EDR Digital Archive

553 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	CENTRAL MUSIC	EDR Digital Archive
	CENTRAL MUSIC	EDR Digital Archive
2005	SARITAS FASHIONS	EDR Digital Archive
	CENTURY 21 BUENA VISTA	EDR Digital Archive
	SARITAS FASHIONS	EDR Digital Archive
	CENTURY 21 BUENA VISTA	EDR Digital Archive

555 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	PINNACLE PAGING & CELLURE CO	EDR Digital Archive
	PINNACLE PAGING & CELLURE CO	EDR Digital Archive

557 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CODE BLUE COMPUTER SUPPORT LLC	EDR Digital Archive
	CODE BLUE COMPUTER SUPPORT LLC	EDR Digital Archive
2005	PROFESSIONAL HAIR SALON	EDR Digital Archive
	PROFESSIONAL HAIR SALON	EDR Digital Archive

563 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	VALLARTA RESTAURANT	EDR Digital Archive
	VALLARTA RESTAURANT	EDR Digital Archive
2010	VALLARTA RESTAURANT	EDR Digital Archive
	VALLARTA RESTAURANT	EDR Digital Archive
2005	VALLARTA RESTAURANT	EDR Digital Archive
	VALLARTA RESTAURANT	EDR Digital Archive

FINDINGS

572 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	BBQ PLACE	EDR Digital Archive
	CREW ENTERPRISES INC	EDR Digital Archive
	CREW ENTERPRISES INC	EDR Digital Archive
	BBQ PLACE	EDR Digital Archive
2010	CREW ENTERPRISES INC	EDR Digital Archive
	CREW ENTERPRISES INC	EDR Digital Archive
2005	CREW ENTERPRISES INC	EDR Digital Archive
	CREW ENTERPRISES INC	EDR Digital Archive

582 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	PERFECT CUTS	EDR Digital Archive
	PERFECT CUTS	EDR Digital Archive

588 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	GRIFFEN INDUSTRIES VENTURA DIV	EDR Digital Archive
	HOMETOWN	EDR Digital Archive
	GRIFFEN INDUSTRIES VENTURA DIV	EDR Digital Archive
	HOMETOWN	EDR Digital Archive

600 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	RITE AID DRUG PALACE INC	EDR Digital Archive
	THRIFTY PAYLESS INC	EDR Digital Archive
	RITE AID DRUG PALACE INC	EDR Digital Archive
	THRIFTY PAYLESS INC	EDR Digital Archive
2010	RITE AID DRUG PALACE INC	EDR Digital Archive
	RITE AID DRUG PALACE INC	EDR Digital Archive
2005	RITE AID OF CALIFORNIA INC	EDR Digital Archive
	RITE AID OF CALIFORNIA INC	EDR Digital Archive

602 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MOONLIGHT DONUTS	EDR Digital Archive
	MOONLIGHT DONUTS	EDR Digital Archive
2010	MOONLIGHT DONUTS	EDR Digital Archive
	MOONLIGHT DONUTS	EDR Digital Archive
2005	MOONLIGHT DONUTS	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	MOONLIGHT DONUTS	EDR Digital Archive

604 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	BARBECUE PLACE	EDR Digital Archive
	BARBECUE PLACE	EDR Digital Archive
2010	TACO MICHOACAN	EDR Digital Archive
	TACO MICHOACAN	EDR Digital Archive
2005	TACO MICHOACAN	EDR Digital Archive
	TACO MICHOACAN	EDR Digital Archive

608 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FILLMORE WATER STORE	EDR Digital Archive
	FILLMORE WATER STORE	EDR Digital Archive
2010	FILLMORE WATER STORE	EDR Digital Archive
	FILLMORE WATER STORE	EDR Digital Archive
2005	FILLMORE WATER STORE	EDR Digital Archive
	FILLMORE WATER STORE	EDR Digital Archive

610 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	NEW CHINA WOK	EDR Digital Archive
	NEW CHINA WOK	EDR Digital Archive
2010	NEW CHINA WOK	EDR Digital Archive
	NEW CHINA WOK	EDR Digital Archive
2005	NEW CHINA WOK	EDR Digital Archive
	NEW CHINA WOK	EDR Digital Archive

612 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	AJIT S1	EDR Digital Archive
	BOBARAI PAULLY	EDR Digital Archive
	BOBARAI PAULLY	EDR Digital Archive
	AJIT S1	EDR Digital Archive
2010	BOBARAI PAULLY	EDR Digital Archive
	BOBARAI PAULLY	EDR Digital Archive
2005	BOBARAI PAULLY	EDR Digital Archive
	BOBARAI PAULLY	EDR Digital Archive

FINDINGS

613 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PAPA LOYS LIQUOR	EDR Digital Archive
	PAPA LOYS LIQUOR	EDR Digital Archive
2010	PAPA LOYS LIQUOR	EDR Digital Archive
	PAPA LOYS LIQUOR	EDR Digital Archive
2005	PAPA LOYS LIQUOR	EDR Digital Archive
	RASHED & RABIE KHZAM	EDR Digital Archive
	MECHAMEL IBRAHIM AL	EDR Digital Archive
	RASHED & RABIE KHZAM	EDR Digital Archive
	MECHAMEL IBRAHIM AL	EDR Digital Archive
	PAPA LOYS LIQUOR	EDR Digital Archive

614 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	FILLMORE CLEANERS	EDR Digital Archive
	FILLMORE CLEANERS	EDR Digital Archive

616 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	WALTS JEWELRY	EDR Digital Archive
	WALTS JEWELRY	EDR Digital Archive
2010	WALTS JEWELRY	EDR Digital Archive
	WALTS JEWELRY	EDR Digital Archive
2005	WALTS JEWELRY	EDR Digital Archive
	WALTS JEWELRY	EDR Digital Archive

618 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	VIERRA DEBORA S LAW OFFICES	EDR Digital Archive
	FILLMORE MAIL STOP	EDR Digital Archive
	HARJCHOHAN CORP	EDR Digital Archive
	BENCHMARK BUILT	EDR Digital Archive
	VIERRA DEBORA S LAW OFFICES	EDR Digital Archive
	HARJCHOHAN CORP	EDR Digital Archive
	FILLMORE MAIL STOP	EDR Digital Archive
	BENCHMARK BUILT	EDR Digital Archive
2010	FILLMORE MAIL STOP	EDR Digital Archive
	GALVEZ RAY REMAX GOLD COAST R	EDR Digital Archive
	FILLMORE MAIL STOP	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	GALVEZ RAY REMAX GOLD COAST R	EDR Digital Archive
2005	GALVEZ RAY REMAX GOLD COAST R	EDR Digital Archive
	FILLMORE MAIL STOP	EDR Digital Archive
	METAMORPHOOMAI	EDR Digital Archive
	EFW HOME SAFETY PRODUCTS	EDR Digital Archive
	GALVEZ RAY REMAX GOLD COAST R	EDR Digital Archive
	FILLMORE MAIL STOP	EDR Digital Archive
	METAMORPHOOMAI	EDR Digital Archive
	EFW HOME SAFETY PRODUCTS	EDR Digital Archive

620 W Ventura St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PAYLESS SHOESOURCE INC	EDR Digital Archive
	PAYLESS SHOESOURCE INC	EDR Digital Archive
2010	COLLECTIVE BRANDS INC	EDR Digital Archive
	COLLECTIVE BRANDS INC	EDR Digital Archive
2005	PAYLESS SHOESOURCE INC	EDR Digital Archive
	PAYLESS SHOESOURCE INC	EDR Digital Archive

FINDINGS

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

215 and 221 Palm Street and
534 Santa Clara Street

Address Not Identified in Research Source

2000, 1976, 1971, 1968, 1965, 1961, 1957, 1953, 1926

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.

Address Researched

Olive Street (200 block)

Palm Street (200 block)

Santa Clara Street (500 block)

W Ventura Street (500 block)

200 CENTRAL

206 CENTRAL

211 CENTRAL

211 CENTRAL AVE

211 Central Ave

211 Central Ave

211 OLIVE

211 OLIVE ST

212 OLIVE

212 OLIVE ST

214 CENTRAL

214 PALM ST

Address Not Identified in Research Source

2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930

2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930

2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930

2014, 2010, 2005, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

2014, 2010, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

2014, 2010, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926

2014, 2010, 2005, 2000, 1996, 1993, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1940, 1930, 1926

2014, 2010, 2005, 2000, 1996, 1976, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926

2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930

2014, 2010, 2005, 2000, 1996, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

FINDINGS

Address Researched

Address Not Identified in Research Source

215 OLIVE	2014, 2010, 2005, 2002, 2000, 1996, 1986, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1930, 1926
215 OLIVE ST	2014, 2010, 2005, 2000, 1996, 1993, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
216 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
216 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1930, 1926
216 OLIVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1940, 1930, 1926
216 OLIVE ST	2014, 2010, 2005, 2000, 1996, 1993, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
216 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
216 ORANGE GROVE AVE	2014, 2010, 2005, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
217 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
218 PALM ST	2014, 2010, 2005, 2000, 1996, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
219 OLIVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
219 OLIVE ST	2014, 2010, 2005, 2000, 1996, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
219 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1996, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
219 ORANGE GROVE AVE	2014, 2010, 2005, 2000, 1996, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
220 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
220 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
220 OLIVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
220 OLIVE ST	2014, 2010, 2005, 2000, 1996, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
222 OLIVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
222 OLIVE ST	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
222 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
222 ORANGE GROVE AVE	2014, 2010, 2005, 2002, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
222 PALM ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
223 OLIVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1940, 1930, 1926

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Address Not Identified in Research Source

223 OLIVE ST	2014, 2010, 2005, 2000, 1996, 1993, 1976, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
223 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
223 ORANGE GROVE AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
223 PALM ST	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
224 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
224 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1930, 1926
224 OLIVE ST	2014, 2010, 2005, 2000, 1993, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
224 ORANGE GROVE AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
224 PALM ST	2014, 2010, 2005, 2000, 1996, 1993, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
225 S OLIVE ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
226 OLIVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
226 OLIVE ST	2014, 2010, 2005, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
226 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
226 ORANGE GROVE AVE	2014, 2010, 2005, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
226 PALM ST	2014, 2010, 2005, 2000, 1996, 1993, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
227 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1930, 1926
227 OLIVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
227 OLIVE ST	2014, 2010, 2005, 2000, 1993, 1986, 1985, 1976, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
227 Olive St	2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
227 Olive St	2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
227 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
227 ORANGE GROVE AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
228 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1930, 1926
229 OLIVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926

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Address Researched

Address Not Identified in Research Source

229 OLIVE ST	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
230 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
230 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
230 OLIVE ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
230 ORANGE GROVE AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
230 PALM ST	2014, 2010, 2005, 2000, 1996, 1993, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
231 OLIVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1930, 1926
231 OLIVE ST	2014, 2010, 2005, 2000, 1996, 1986, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
231 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
231 ORANGE GROVE AVE	2014, 2010, 2005, 2002, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
232 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
232 PALM ST	2014, 2010, 2005, 2000, 1996, 1993, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
234 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
234 CENTRAL AVE	2014, 2010, 2005, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
234 Central Ave	2014, 2010, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
234 Central Ave	2014, 2010, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
234 ORANGE GROVE AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
234 PALM ST	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1949, 1940, 1930, 1926
235 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
235 OLIVE ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
236 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
236 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
236 OLIVE ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
236 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926

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<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
236 ORANGE GROVE AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
236 PALM ST	2014, 2010, 2005, 2000, 1996, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
237 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
237 ORANGE GROVE AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
238 CENTRAL AVE	2014, 2010, 2005, 2000, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
238 Central Ave	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
238 Central Ave	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
239 Olive St	2014, 2010, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
239 Olive St	2014, 2010, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
239 PALM ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1949, 1940, 1930, 1926
240 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
240 OLIVE ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
241 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
241 ORANGE GROVE AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
241 PALM ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1949, 1940, 1930, 1926
242 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
242 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
242 PALM ST	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
244 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
244 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
244 PALM ST	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
245 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
246 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
246 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926

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Address Not Identified in Research Source

275 Central Ave	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
275 Central Ave	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
275 PALM ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1949, 1940, 1930, 1926
280 PALM ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1949, 1940, 1930, 1926
283 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
283 PALM ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1949, 1940, 1930, 1926
295 PALM ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1949, 1940, 1930, 1926
300 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
301 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
302 ORANGE GROVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
302 ORANGE GROVE AVE	2014, 2010, 2005, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
308 ORANGE GROVE AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
311 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
316 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
316 CENTRAL AVE	2014, 2010, 2005, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
317 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
317 CENTRAL AVE	2014, 2010, 2005, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
318 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
319 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
320 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
320 CENTRAL AVE	2014, 2010, 2005, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
321 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
321 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
322 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1930

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Address Not Identified in Research Source

322 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1930, 1926
323 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1930
323 CENTRAL AVE	2014, 2010, 2005, 2000, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
324 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
324 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1993, 1986, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
325 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
325 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
326 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
326 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1986, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
327 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
327 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
328 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
328 CENTRAL AVE	2014, 2010, 2005, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
329 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
329 CENTRAL AVE	2014, 2010, 2005, 2000, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
330 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1940, 1930
330 CENTRAL AVE	2014, 2010, 2005, 2000, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
331 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
331 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
332 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
333 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
333 CENTRAL AVE	2014, 2010, 2005, 2000, 1993, 1986, 1985, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
334 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1930
334 CENTRAL AVE	2014, 2010, 2005, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926

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Address Not Identified in Research Source

334 W CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
335 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
335 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1993, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
336 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
336 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
337 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940
337 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
338 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
338 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
339 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
339 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
340 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
340 CENTRAL AVE	2014, 2010, 2005, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
340 ORANGE GROVE AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
341 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
341 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
342 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
342 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
343 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1930, 1926
343 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1986, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926
344 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
344 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1926
345 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
345 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1926

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Address Not Identified in Research Source

346 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
346 CENTRAL AVE	2014, 2010, 2005, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1926
348 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930
348 CENTRAL AVE	2014, 2010, 2005, 2000, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1926
349 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
350 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
350 CENTRAL AVE	2014, 2010, 2005, 2000, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
351 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
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355 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
356 ORANGE GROVE AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
359 CENTRAL AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
363 CENTRAL	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
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439 SANTA CLARA ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940
447 SANTA CLARA AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
449 SANTA CLARA AVE	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
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505 SANTA CLARA ST	2014, 2010, 2005, 2002, 2000, 1996, 1976, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930, 1926
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505 Santa Clara St	2014, 2010, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
506 MAIN \$	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
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508 MAIN ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
508 SANTA CLARA ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
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509 MAIN ST	2014, 2010, 2005, 2002, 2000, 1996, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930
509 SANTA CLARA ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
510 MAIN	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1926
510 MAIN ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1940, 1930
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512 Main St	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
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513 VENTURA ST	2014, 2010, 2005, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
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515 VENTURA ST	2014, 2010, 2005, 2002, 2000, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
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Phase II Environmental Site Assessment

215 and 221 Palm Street and
534 Santa Clara Street
Fillmore, California

prepared for
People's Self Help Housing
3533 Empleo Street
San Luis Obispo, California 93401

prepared by
Rincon Consultants, Inc.
180 N Ashwood Avenue
Ventura, California 93003

February 9, 2018



Rincon Consultants, Inc.

180 North Ashwood Avenue
Ventura, California 93003

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www.rinconconsultants.com

February 9, 2018
Rincon Project No. 17-05056

Rigoberto Guzman
Project Coordinator
People's Self Help Housing
3533 Empleo Street
San Luis Obispo, CA 93401
Via email: rigobertog@pshhc.org

Subject: Phase II Environmental Site Assessment, 215 and 222 Palm Street and 534 Santa Clara Street, Fillmore, California

Dear Mr. Guzman:

Rincon Consultants, Inc. has prepared this Phase II Environmental Site Assessment (ESA) report for the property located at 215 and 222 Palm Street and 534 Santa Clara Street in Fillmore, California. The Phase II ESA has been completed in accordance with our proposal dated November 22, 2017. This report summarizes the results of soil matrix and soil vapor sampling activities completed at the site.

We appreciate your consideration of Rincon Consultants for this project. Please contact us with any questions regarding this report.

Sincerely,

Rincon Consultants, Inc.

A handwritten signature in blue ink, appearing to read "J. Hurley", written over a horizontal line.

Jake Hurley
Staff Scientist

A handwritten signature in blue ink, appearing to read "Walt Hamann", written over a horizontal line.

Walt Hamann, PG, CEG, CHG
Vice President

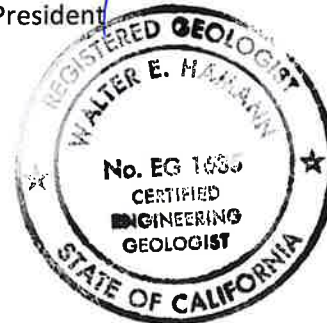


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- Figure 2 Soil Boring Location Map

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- Appendix B Analytical Laboratory Reports
- Appendix C Johnson & Ettinger Health Risk Assessment Calculations



Executive Summary

This report presents the findings of a Phase II Environmental Site Assessment (ESA) conducted by Rincon Consultants, Inc. for the property located at 215 and 222 Palm Street and 534 Santa Clara Street in Fillmore, California (Figure 1, Vicinity Map). The site is currently developed with a residence, a vacant commercial building with a residence on the second floor, and used for vehicle storage.

On January 19, 2018, a Geoprobe direct push drill rig was utilized to advance 11 soil borings on the site. Soil matrix samples were collected from 6 of the soil borings. Five locations were utilized for the placement of soil vapor probes. Four soil borings (RB3 through RB6) were advanced in the vicinity of the in-ground automotive hoists to 15 feet below grade. Three soil matrix samples per boring were collected at 5, 10, and 15 feet below grade. The soil matrix samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015B and polychlorinated biphenyls (PCBs) by EPA method 8082. Two soil borings (RB1 and RB2) were advanced in the vicinity of the former vulcanizing facility to 10 feet below grade. Three soil matrix samples per boring were collected at 2.5, 5, and 10 feet below grade. The soil matrix samples were analyzed for TPH by EPA method 8015B, metals by EPA method 6010B/7471A, and volatile organic compounds (VOCs) by EPA method 8260B.

Soil vapor probes were installed at 5 feet below grade in 5 of the soil borings. Two soil vapor probes (SV-1 and SV-2) were installed at 5 feet below grade along the northwestern perimeter of the site. Three soil vapor probes (SV-3, SV-4, and SV-5) were installed at 5 feet below grade on the southeast perimeter of the site. The soil vapor probe samples were analyzed onsite for VOCs by EPA method 8260SV.

Soil matrix analytical results were compared to Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) for residential land use. Analytical results for TPH and VOCs were also compared to the Los Angeles Regional Water Quality Control Board Maximum Soil Screening Levels (LARWQCB SL). In addition, metals were compared to the California Background Concentrations published by the Kearney Foundation (March 1996), which establishes typical background concentration ranges for metals. Soil vapor analytical results were compared to DTSC Screening Levels (SLs) established for residential indoor air. In accordance with the Department of Toxic Substances Control (DTSC) HERO Note 3 (August 2017) residential screening levels are based on DTSC SLs and EPA November 2017 residential Indoor Air RSL. An attenuation factor of 0.001 is applied to the indoor air RSL to generate a shallow soil gas screening level as outlined in DTSC's Vapor Intrusion Guidance (2011).

The detected concentrations of TPH and VOCs in soil matrix were below the screening levels. PCBs were not detected above the laboratory detection limit in any of the 12 soil matrix samples analyzed from the vicinity of the in-ground automotive hoists. All of the detected concentrations of arsenic were above the established RSL of 0.68 mg/kg for residential soil. However, all of the detected concentrations of arsenic were within the accepted California background concentration range published by the Kearney Foundation (0.6 mg/kg to 11 mg/kg).

The detected concentrations of tetrachloroethene (PCE) in soil vapor samples SV-1 and SV-2 were above the screening level of 0.46 micrograms per liter ($\mu\text{g/L}$). As shown in the Health Risk Assessment, the detected concentrations of PCE in SV-1 and SV-2 were above the Carcinogenic target risk goal of



1×10^{-6} (1 in one million). Based on the detected concentration of PCE in soil vapor at 5 feet below grade, the lateral and vertical extent of PCE in the vicinity of SV-1 and SV-2 has not been defined.

Rincon understands People's Self Help Housing plans to develop the site with residential housing. Since the concentration of PCE detected in soil vapor was above the residential screening level and above the Carcinogenic target risk goal, we recommend completing an additional soil vapor assessment to delineate the concentrations of PCE in soil vapor in the vicinity of soil vapor probe SV-1.

We also recommend a soil management plan be created and implemented prior to redevelopment of the site for proper handling and disposing the lead impacted soil located beneath the former dispenser island.



Introduction

On behalf of People's Self Help Housing, Rincon Consultants has prepared this Phase II ESA report for the property located 215 and 222 Palm Street and 534 Santa Clara Street in Fillmore, California (site). The site is identified as Assessor Parcel Numbers (APNs) 053-0-093-010, -020, -035, -040 and -160. The site is currently developed with a residence, a vacant commercial building with a residence on the second floor, and used for vehicle storage.

Rincon completed a Phase I ESA for the site (report dated November 13, 2017). Based on the findings of this Phase I ESA, Rincon identified three Recognized Environmental Conditions (RECs) and one potential REC in connection with the site as follows:

Recognized Environmental Condition

- Residual lead impacted soil remaining at the subject property
- Former onsite auto repair including the presence of existing in-ground automotive hoists
- Former onsite vulcanizing facility

Potential Recognized Environmental Condition

- Multiple adjacent and nearby former auto repair stations and a former laundry facility and a clothes presser

To evaluate the impacts from the RECs and potential REC, a subsurface investigation including soil matrix and soil vapor sampling was completed at the site. This Phase II ESA report summarizes the results of soil matrix and soil vapor assessment activities conducted at the site, establishes soil screening levels for the site, and presents our discussion of the results, conclusions and recommendations.

Site History

A former gasoline station was located on the northeast corner of the site in the vicinity of the former vulcanizing facility. Based on documents reviewed as part of the Phase I ESA report prepared for the site, one 8,000-gallon underground storage tank (UST), one 10,000-gallon UST, and one 500-gallon UST were removed from the site in 1989. From 1994 through 1998, 22 soil borings, seven groundwater monitoring wells, and one soil vapor extraction well were installed at the property. Groundwater monitoring indicated low levels of benzene, toluene, ethylbenzene, and xylenes (not exceeding 3 µg/L) and total petroleum hydrocarbons as diesel (TPH-d) at a maximum concentration of 651 µg/L remained in groundwater. Soil vapor extraction (SVE) was performed from 2001 through 2004 and removed 5,200 pounds of hydrocarbons. SVE remediation was determined to be effective based on verification soil and groundwater samples collected in 2005 and 2006. Lead impacted soil was assessed and determined to be localized beneath the former dispenser island and waste-oil UST area. Lead was detected at concentrations between 131 mg/kg to 1,390 mg/kg. STLC analysis did not exceed 5 mg/L, with the exception of lead detected beneath the dispenser island, which was detected at 131 mg/L in 1994. Verification soil samples collected in 2005 and 2006 showed decreased concentrations of lead. A health risk assessment was conducted for the site using all exposure pathways and using residential



parameters. The groundwater pathway was calculated at a maximum carcinogenic risk of 7.1×10^{-8} , and the indoor air exposure pathway was calculated at a maximum hazard index, the non-carcinogenic toxic effect, of 0.75. Both results are acceptable and below the health risk target goals of 1.0×10^{-6} and 1.0, respectively. Therefore, the Ventura County Environmental Health Division (EHD) concluded the site had been adequately assessed and remediated, and that residual lead-impacted soil should be considered during grading activities if the site is to be redeveloped. The site received closure from the EHD in 2010.

Geology and Hydrogeology

Topography

The current USGS topographic map (Fillmore Quadrangle, 1995) indicates that the subject property is situated at an elevation of about 460 feet above mean sea level with topography gradually sloping down to the southwest. The adjacent topography is fairly consistent with the subject property. To the northeast, topography rises steeply into the Los Padres National Forest.

Geology and Hydrogeology

The project site is located within the Transverse Ranges Geomorphic Province which is characterized by east-west trending structural features in contrast to the dominant northwest-southeast structural trend of California.

Site Geology

According to the California Geological Survey, *Geologic Map of the Fillmore Quadrangle* (1990), the subject property is underlain by Quaternary age alluvium, described as unconsolidated floodplain deposits of silt, sand, and gravel.

Regional Groundwater Occurrence and Quality

According to the *2012 Groundwater Section Annual Report*, prepared by the Ventura County Watershed Protection District Water & Environmental Resources Division, the subject property is located within the Fillmore groundwater basin. This report indicates that this basin has a total aquifer thickness of almost 8,000 feet in some areas

Based on a review of the *Low-Risk Case Closure Recommendation – Hal Phillips, Inc., 534 Santa Clara Street, Fillmore, California*, dated October 6, 2009 and prepared by Ventura County EHD for the subject property, depth to groundwater in onsite monitoring wells was measured between 40 and 56 feet below grade, and groundwater flows to the northwest.

With regards to groundwater flow direction in the Fillmore area, it can be assumed that groundwater would flow to the south-southwest of the subject property towards the Santa Clara River.



Screening Levels for Soil and Soil Vapor

Based on the proposed development of the property as residential, soil matrix and soil vapor analytical results were compared to screening levels established for residential scenario. The following sources were reviewed to select appropriate screening levels for constituents of concern detected in soil matrix and soil vapor samples during this site assessment (Table 1 through Table 3):

Soil matrix analytical results were compared to the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) for residential land use. Analytical results for TPH and VOCs were also compared to the Los Angeles Regional Water Quality Control Board Maximum Soil Screening Levels (LARWQCB SL). In addition, metals were compared to the California Background Concentrations published by the Kearney Foundation (March 1996), which establishes typical background concentration ranges for metals.

Soil vapor analytical results were compared to DTSC Screening Levels (SLs) established for residential indoor air. In accordance with DTSC's HERO Note 3 (August 2017) residential screening levels are based on DTSC SLs and EPA November 2017 residential Indoor Air RSL. An attenuation factor of 0.001 is applied to the indoor air RSL to generate a shallow soil gas screening level as outlined in DTSC's Vapor Intrusion Guidance (2011).



Scope of Work Completed

Pre-field Activities

Prior to commencement of the soil sampling activities, Rincon personnel marked out the proposed sampling locations and notified Underground Service Alert.

A Health and Safety Plan was prepared and was maintained on site during field activities.

Soil Matrix Sampling Methodology

On January 19, 2018, Rincon oversaw the installation of 11 soil borings (Figure 2). A Geoprobe direct push drill rig was used by Choice Drilling to advance the borings to the total depth. Soil matrix samples were collected from 6 of the soil borings. Five locations were utilized for the placement of soil vapor probes. Groundwater was not encountered in the soil borings. After sampling was completed, each soil boring was backfilled with hydrated bentonite chips to grade, and the surface was capped to match the adjacent surface materials. Soil matrix samples will be collected from 6 of the soil borings. Five locations were utilized for the placement of soil vapor probes.

Four soil borings (RB3 through RB6) were advanced in the vicinity of the in-ground automotive hoists to 15 feet below grade. A total of 12 soil matrix samples were collected from the four borings. Three soil matrix samples per boring were collected at 5, 10, and 15 feet below grade. The soil matrix samples were analyzed for TPH by EPA method 8015B and PCBs by EPA method 8082.

Two soil borings (RB1 and RB2) were advanced in the vicinity of the former vulcanizing facility to 10 feet below grade. A total of 6 soil matrix samples were collected from the two borings. Three soil matrix samples per boring were collected at 2.5, 5, and 10 feet below grade. For analysis of VOCs, a disposable Lock N' Load handle and soil syringe system was used to collect soil from the liner. The soil matrix samples were then placed into 40-milliliter (ml) VOA vials and preserved onsite following EPA method 5035. The soil matrix samples were analyzed for TPH by EPA Method 8015B, metals by EPA method 6010B/7471A, and VOCs by EPA method 8260B.

The soil matrix samples were collected in approximately 6-inch long, capped acetate sleeves and stored in a cooler on ice pending delivery BC Laboratories analytical laboratory under chain-of-custody documentation. All sampling equipment was decontaminated between uses by washing with Alconox detergent and water. After soil matrix sampling was completed the soil borings were backfilled with bentonite and the surface will be capped to match the adjacent surface materials. All soil sampling was performed under the oversight of a California Professional Geologist.

Soil Vapor Sampling

Soil vapor probes were installed at 5 feet below grade in 5 of the soil borings. Two soil vapor probes (SV-1 and SV-2) were installed at 5 feet below grade along the northwestern perimeter of the site. Three soil vapor probes (SV-3, SV-4, and SV-5) were installed at 5 feet below grade on the southeast perimeter of the site. The locations of the soil borings and vapor probes are shown on Figure 2.

The soil vapor probes were installed in the soil borings using a steel pipe with a drop-off well point on the lead end that is inserted to depth. When the target sampling depth is reached, the pipe is



withdrawn approximately six inches, allowing the well point to drop off and thus exposing the pipe to the open annulus at depth. A measured length of quarter inch diameter Nylaflow tubing is inserted to depth. A porous polypropylene tip is attached to the bottom of the polyethylene tubing to allow soil gas to enter into the tubing during sampling. The metal tube is retracted such that the inserted tubing remains at depth and is surrounded by a pack of #212 sand. Following insertion of the sample probe, the steel pipe is withdrawn while grouting the upper part of the hole with bentonite slurry formed in situ from granular bentonite. Soil vapor samples were collected from the probes using a glass syringe, and analyzed by Optimal Technology's certified mobile laboratory for VOCs by EPA method 8260SV.

Following sampling, the probes were removed. The soil borings were backfilled with bentonite and the surface was capped to match the adjacent surface materials.

Laboratory Analytical QA/QC

BC Laboratories and Optimal Technology performed Tier II data validation documenting the quality assurance/quality control (QA/QC) measures employed during laboratory analysis of soil and soil gas samples. The data quality review ensured that data quality objectives were met for each of the following quality control measures:

- Data completeness
- Holding times and preservation
- Laboratory blanks
- Laboratory control standards
- Sample duplicate
- Matrix spike/matrix spike duplicates
- Compound identification and quantitation

During soil vapor sampling, leak-down testing was conducted to determine vacuum integrity. During the sampling a cloth with isobutane was used as a leak check. Concentrations of isobutane detected in the samples would indicate the intrusion of ambient air into the sampling train, invalidating the results of the sample. Concentrations of isobutane were not detected in any of the soil gas samples collected during sampling. Overall, the QA/QC measures met BC Laboratories' and Optimal Technology's data quality objectives, as described in the analytical reports provided in Appendix B.



Analytical Results

The laboratory analytical results are summarized in Table 1 through Table 3. The laboratory analytical reports are included in Appendix B.

Soil Matrix

All 18 soil matrix samples were analyzed for TPH. The 6 soil matrix samples collected in the vicinity of the former vulcanizing facility were analyzed for VOCs. The 12 soil matrix samples collected in the vicinity of the in-ground automotive hoists were analyzed for PCBs.

TPH and VOCs

TPH-g was not detected in any of the soil matrix samples analyzed. TPH-d was detected in soil matrix samples RB1-10' and RB6-5' at concentrations of 12 mg/kg and 130 mg/kg L, respectively. The detected concentrations of TPH-d were below the LARWQCB SL. TPH-d was not detected above the laboratory detection limit in any of the other samples analyzed. Concentrations of TPH-o were detected in all of the soil matrix samples analyzed from the former vulcanizing facility and the in-ground automotive hoists. The detected concentrations of TPH-o ranged from 22 mg/kg to 160 mg/kg, which were below the LARWQCB SL.

Benzene was detected in 5 of the 6 soil matrix samples at concentrations ranging from 0.0014J mg/kg to 0.0039J mg/kg. Ethylbenzene was detected in 4 soil matrix samples at concentrations ranging from 0.0028J mg/kg to 0.0054J mg/kg. Toluene was detected in all 6 soil matrix samples at concentrations ranging from 0.0024J mg/kg to 0.0068J mg/kg. The detected concentrations of VOCs were below both the RSLs and LARWQCB SLs established for benzene, ethylbenzene, and toluene. No other VOCs were detected above the laboratory detection limit.

PCBs

PCBs were not detected above the laboratory detection limit in any of the 12 soil matrix samples analyzed from the vicinity of the in-ground automotive hoists.

Metals

Concentrations of arsenic were detected in 5 of the 6 soil samples, and ranged from 2.7 milligrams per kilogram (mg/kg) to 3.7 mg/kg. All of the detected concentrations of arsenic were above the established RSL of 0.68 mg/kg for residential soil. However, all of the detected concentrations of arsenic were within the accepted California background concentration range published by the Kearney Foundation (0.6 mg/kg to 11 mg/kg). It is typical for concentrations of arsenic to be above screening levels such as the RSL. All of the other detected concentrations of metals were below the established RSLs.



Soil Vapor

Tetrachloroethene (PCE) was detected in soil vapor probes SV-1 and SV-2 at concentrations of 2.49 µg/L and 0.75 µg/L, respectively. The detected concentrations of PCE in SV-1 and SV-2 were above the screening level of 0.46 µg/L. PCE was not detected above the laboratory detection limit in soil vapor probes SV-3 through SV-5. No other VOCs were detected above the laboratory detection limit in any of the soil vapor samples.



Health Risk Assessment

For VOCs that were detected above the screening levels (PCE) in soil gas, the vapor intrusion risk was calculated using the Johnson and Ettinger Health Risk Model (J&E Model) developed by the USEPA and revised by the DTSC in December 2014. The USEPA developed a model in 1998 which estimates human health risks from subsurface vapor intrusion into buildings. This model is based on the work of Johnson and Ettinger, and is revised periodically to incorporate different assumptions about soil properties as well as new human health criteria developed by the USEPA. The parameters for a generic commercial building have been used in the risk model. The following assumptions were used in the J&E Model:

- **Soil Type:** The J&E model was run using sand as representative of subsurface conditions as encountered in soil borings at 5 feet below grade during this assessment.
- **Land Use:** The proposed land use for the site is residential land, so the J&E model was run using the residential criteria of 26 years and exposure frequency of 350 days per year.

The J&E model was run using the detected concentration of PCE collected from soil vapor probes SV-1 and SV-2 at concentrations of 2,490 $\mu\text{g}/\text{m}^3$ and 750 $\mu\text{g}/\text{m}^3$, respectively. The results of the J&E Model runs are provided below and included in Appendix C.

Cancer Risk / Hazard Results Residential Land Use

Soil Vapor Probe	PCE Soil Vapor Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk	Non-cancer Hazard
SV-1	2,490	5.4×10^{-6}	0.07
SV-2	750	1.6×10^{-6}	0.02

Using the maximum concentration of PCE detected in soil vapor in the J&E Model, the Carcinogenic target risk goal of 1×10^{-6} (1 in one million) has been exceeded for residential models. The Hazard Index of 1 (for non-cancer health effects) has not been exceeded for residential models.



Conclusions and Recommendations

The detected concentrations of TPH and VOCs in soil matrix were below the screening levels. PCBs were not detected above the laboratory detection limit in any of the 12 soil matrix samples analyzed from the vicinity of the in-ground automotive hoists. All of the detected concentrations of arsenic were above the established RSL of 0.68 mg/kg for residential soil. However, all of the detected concentrations of arsenic were within the accepted California background concentration range published by the Kearney Foundation (0.6 mg/kg to 11 mg/kg).

The detected concentrations of PCE in soil vapor samples SV-1 and SV-2 were above the screening level of 0.46 µg/L. As shown in the Health Risk Assessment above, the detected concentrations of PCE in SV-1 and SV-2 were above the Carcinogenic target risk goal of 1 in one million. Based on the detected concentration of PCE in soil vapor at 5 feet below grade, the lateral and vertical extent of PCE in the vicinity of SV-1 and SV-2 has not been defined.

Rincon understands People's Self Help Housing plans to develop the site with residential housing. Since the concentration of PCE detected in soil vapor was above the residential screening level and above the Carcinogenic target risk goal, we recommend completing an additional soil vapor assessment to delineate the concentrations of PCE in soil vapor in the vicinity of soil vapor probes SV-1 and SV-2.

We also recommend a soil management plan be created and implemented prior to redevelopment of the site for proper handling and disposing the lead impacted soil located beneath the former dispenser island.



Limitations

This Soil Assessment Report has been prepared for and is intended for the exclusive use of for People's Self Help Housing. The contents of this report should not be relied upon by any other party without the written consent of Rincon Consultants, Inc.

Our conclusions regarding the site are based on the results of previous subsurface sampling programs and confirmatory sampling and analysis. It should be noted that the concentrations of contaminants measured at any given location may not be representative of conditions at other locations. Further, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions and other events. Conclusions regarding the condition of the site do not represent a warranty that all areas within the site are similar to those sampled.



References

Geology

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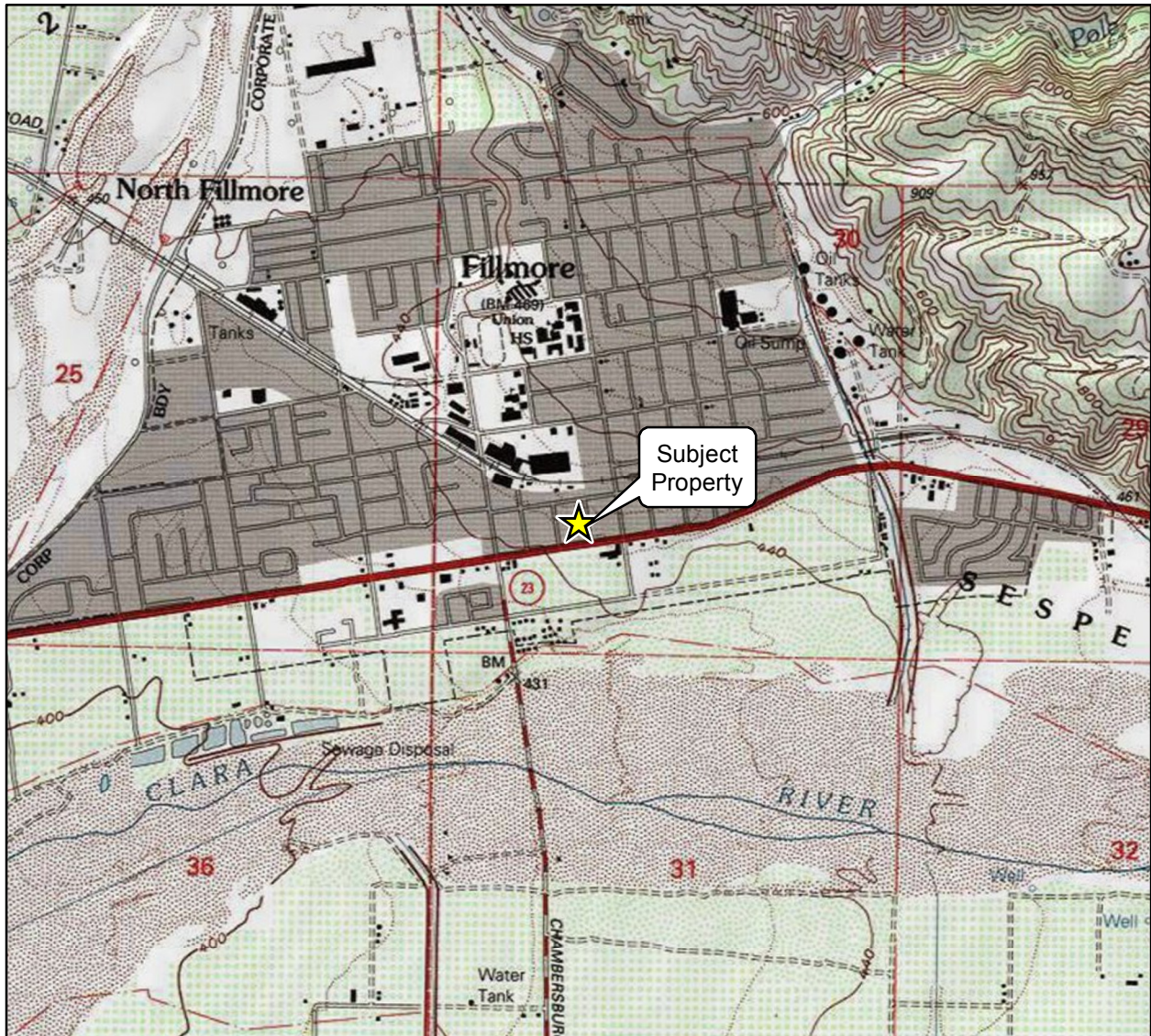
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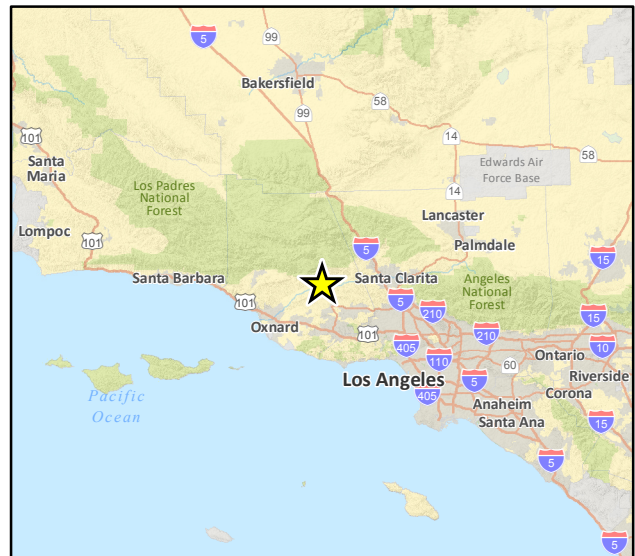
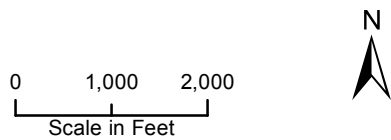
Kearney Foundation, *Background Concentrations of Trace and Major Elements in California Soils*, University of California, 1996



Figures

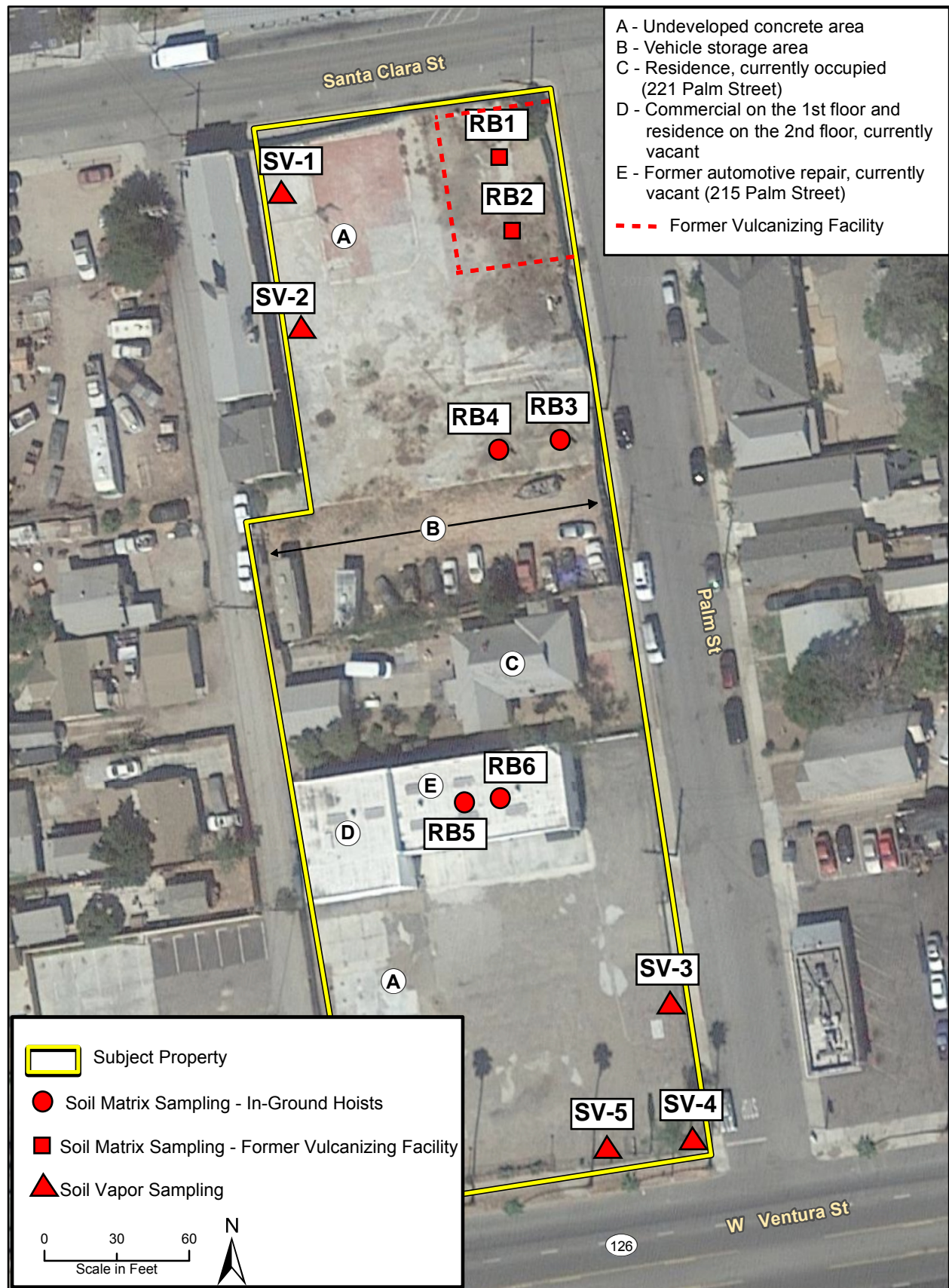


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Vicinity Map

Figure 1



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Soil Boring Location Map

Figure 2

Tables

Table 1
Soil Matrix Analytical Results
TPH, VOCs, and PCBs
215 and 222 Palm Street and 534 Santa Clara Street
Fillmore, California
January 19, 2018

Soil Boring	Sampling Depth (feet bgs)	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene	Ethylbenzene	Toluene	Other VOCs	PCBs
		Results in milligrams per kilogram (mg/kg)							
Former Vulcanizing Facility									
RB1	2.5	ND<9.7	ND<2.3	160	0.0039J	0.0038J	0.0061	ND	--
	5	ND<9.7	ND<2.3	100	0.0018J	ND<0.0015	0.0024J	ND	--
	10	ND<5	12	35	0.0019J	0.0054J	0.0068J	ND	--
RB2	2.5	ND<5	ND<1.2	22	0.0014J	0.0033J	0.0053	ND	--
	5	ND<5	ND<1.2	34	0.0027J	0.0028J	0.0048J	ND	--
	10	ND<5	ND<1.2	33	ND<0.0019	ND<0.0022	0.0026J	ND	--
In-Ground Hoists									
RB3	5	ND<5	ND<1.2	36	--	--	--	--	ND
	10	ND<5	ND<1.2	43	--	--	--	--	ND
	15	ND<10	ND<2.4	160	--	--	--	--	ND
RB4	5	ND<5	ND<1.2	68	--	--	--	--	ND
	10	ND<5	ND<1.2	42	--	--	--	--	ND
	15	ND<5	ND<1.2	53	--	--	--	--	ND
RB5	5	ND<5	ND<1.2	130	--	--	--	--	ND
	10	ND<5	ND<1.2	47	--	--	--	--	ND
	15	ND<5	ND<1.2	28	--	--	--	--	ND
RB6	5	ND<5	130	110	--	--	--	--	ND
	10	ND<5	ND<1.2	78	--	--	--	--	ND
	15	ND<5	ND<1.2	61	--	--	--	--	ND
<i>RSL-Residential</i>		<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>1.2</i>	<i>5.8</i>	<i>4,900</i>	<i>Varies</i>	<i>Varies</i>
<i>LARWQCB SL</i>		<i>500</i>	<i>1,000</i>	<i>10,000</i>	<i>0.011</i>	<i>0.7</i>	<i>0.3</i>	<i>NE</i>	<i>NE</i>

Notes:

bgs = below ground surface

ND = not detected above the laboratory reporting limit

-- = Not analyzed

NE = not established

J -Flag indicates detection is below the practical quantitation limit and above the method detect

RSL = United States Environmental Protection Agency (EPA), November 2017 Regional Screening Levels (RSLs) for residential soil

LARWQCB SL = Los Angeles Regional Water Quality Control Board Maximum Soil Screening Levels for TPH and BTEX, Table 4.1 for samples collected between 20-150 feet above ground water (April 2004, Rev. September 2006)

Samples analyzed by BC Laboratories Analytical Laboratory for TPH by EPA Method 8015B, VOCs by EPA Method 8260B, and PCBs by EPA Method 8082

Table 2
Soil Matrix Analytical Results - Title 22 Metals
215 and 222 Palm Street and 534 Santa Clara Street
Fillmore, California
January 19, 2018

Soil Boring	Sampling Depth (feet bgs)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
Former Vulcanizing Facility																		
RB1	2.5	ND<0.33	3.4	98	0.3J	4.1	20	3.0	21	39	0.055J	8.1	27	ND<0.98	0.095J	ND<0.64	56	120
	5	ND<0.66	2.7	110	0.26J	4.5	20	2.4J	13	3.8J	0.019J	8.7	27	2.1	0.32J	ND<1.3	54	45
	10	ND<0.66	3.1	110	0.27J	4.3	21	2.3J	14	8.8	0.019J	8.6	26	ND<2	0.21J	ND<1.3	57	49
RB2	2.5	ND<0.66	3.6	110	0.29J	4.7	20	2.8J	19	3.2J	0.04J	9.7	34	ND<2	0.19J	ND<1.3	57	53
	5	ND<0.66	4.7	120	0.28J	5.0	20	2.8J	14	2.7J	ND<0.019	11	29	ND<2	0.15J	ND<1.3	61	48
	10	ND<0.66	ND<0.8	43	0.18J	2.1	15	1.5J	5	1.4J	0.024J	3.6	14	ND<2	ND<0.13	ND<1.3	25	17
<i>Background Concentration</i>		0.15 - 1.95	0.6 - 11	133 - 1,400	0.25 - 2.70	0.05 - 1.70	23 - 1,579	2.7 - 46.9	9.1 - 96.4	12.4 - 97.1	0.05 - 0.90	0.1 - 9.6	9.0 - 509	0.015 - 0.430	0.10 - 8.3	0.17 - 1.1	39 - 288	88 - 236
<i>RSL- Residential</i>		31	0.68	15,000	160	71	120,000	23	3,100	400	11	390	NE	390	390	NE	390	23,000

Notes:
mg/kg = milligrams per kilogram
bgs = below ground surface
ND = not detected above the laboratory reporting limit
NE = not established
J -Flag indicates detection is below the practical quantitation limit and above the method detection limit.
RSL = United States Environmental Protection Agency (EPA), November 2017 Regional Screening Levels (RSLs) for residential soil
Background Concentration = Kearney, *Background Concentrations of Trace and Major Elements in California Soils*, University of California, 1996
Samples analyzed by BC Laboratories Analytical Laboratory for Metals by EPA Method 6010B/7471A

Table 3
 Soil Vapor Analytical Results
 VOCs
 215 and 222 Palm Street and 534 Santa Clara Street
 Fillmore, California
 January 19, 2018

Vapor Probe	Sampling Depth (feet bgs)	PCE	Other VOCs
Results in micrograms per liter (µg/L)			
SV-1	5	2.49	ND
SV-2	5	0.75	ND
SV-2 (Duplicate)	5	0.73	ND
SV-3	5	ND<0.1	ND
SV-4	5	ND<0.1	ND
SV-5	5	ND<0.1	ND
<i>Screening Level</i>		<i>0.46</i>	<i>Varies</i>

Notes:

ND = not detected above the laboratory reporting limit

PCE = Tetrachloroethene

Screening Level = In accordance with DTSC's HERO Note 3 (August 2017) residential screening levels are based on DTSC SLs and EPA November 2017 residential Indoor Air Regional Screening Levels (RSL). An attenuation factor of 0.001 is applied to the indoor air RSL to generate a shallow soil gas screening level as outlined in DTSC's Vapor Intrusion Guidance (2011).

Bold = detected above a screening level

Samples analyzed by Optimal Technology Mobile Laboratory for VOCs by EPA Method 8260SV

Appendix A

Boring Logs

LOG OF BORING RB1

Phase II ESA
 215 and 222 Palm Street and
 534 Santa Clara Street
 Fillmore, California
 Project # 17-05056

Date Completed : January 19, 2018
 Method : Geoprobe
 Drilled By : Choice Drilling, Inc.
 Logged By : Ariel Diaz

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0				
1				
2				GRAVELLY SAND, medium brown, dry, loose.
3				
4				
5		GC		Light brown.
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

LOG OF BORING RB2

Phase II ESA
 215 and 222 Palm Street and
 534 Santa Clara Street
 Fillmore, California
 Project # 17-05056

Date Completed : January 19, 2018
 Method : Geoprobe
 Drilled By : Choice Drilling, Inc.
 Logged By : Ariel Diaz

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0				
1				
2				GRAVELLY SAND, light brown, dry, loose.
3				
4				
5		GC		Dark brown, stiff.
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

LOG OF BORING RB3

Phase II ESA
 215 and 222 Palm Street and
 534 Santa Clara Street
 Fillmore, California
 Project # 17-05056

Date Completed : January 19, 2018
 Method : Geoprobe
 Drilled By : Choice Drilling, Inc.
 Logged By : Ariel Diaz

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0				
1				
2				
3				
4				
5				GRAVELLY SAND, light brown, slightly moist, loose.
6				
7				
8		GC		
9				
10				Medium brown.
11				
12				
13				
14				
15				

LOG OF BORING RB4

Phase II ESA
 215 and 222 Palm Street and
 534 Santa Clara Street
 Fillmore, California
 Project # 17-05056

Date Completed : January 19, 2018
 Method : Geoprobe
 Drilled By : Choice Drilling, Inc.
 Logged By : Ariel Diaz

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0				
1				
2				
3				
4				
5				GRAVELLY SILTY SAND, light brown, slightly moist, loose.
6				
7				
8		GM		
9				
10				Medium brown, dry.
11				
12				
13				
14				
15				

LOG OF BORING RB5

Phase II ESA
 215 and 222 Palm Street and
 534 Santa Clara Street
 Fillmore, California
 Project # 17-05056

Date Completed : January 19, 2018
 Method : Geoprobe
 Drilled By : Choice Drilling, Inc.
 Logged By : Ariel Diaz

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0				
1				
2				
3		SP		
4				
5				SAND, light brown, dry, loose.
6				
7				
8				
9				
10		GC		GRAVELLY SAND.
11				
12				
13				
14				
15				

LOG OF BORING RB6

Phase II ESA
 215 and 222 Palm Street and
 534 Santa Clara Street
 Fillmore, California
 Project # 17-05056

Date Completed : January 19, 2018
 Method : Geoprobe
 Drilled By : Choice Drilling, Inc.
 Logged By : Ariel Diaz

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0				
1				
2				
3		SP		
4				
5				SAND, medium brown, dry, very loose.
6				
7				
8				
9				
10		GC		GRAVELLY SAND.
11				
12				
13				
14				
15				

LOG OF BORING SV-3 through SV-5

Phase II ESA
215 and 222 Palm Street and
534 Santa Clara Street
Fillmore, California

Date Completed : January 19, 2018
Location : Southeast corner of subject property
Method : Geoprobe
Drilled By : Choice Drilling
Logged By : Ariel Diaz

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION	PID
0				Boring terminated at 5 feet below grade. No soil samples were collected.	
1					
2					
3					
4					
5					

Well: SV-3 through SV-5

Bentonite Seal
Tubing
Inlet filter
Sand - Monterey #3

Appendix B

Analytical Laboratory Reports



January 22, 2018

Mr. Jacob Hurley
Rincon Consultants, Inc.
180 North Ashwood Avenue
Ventura, CA 93003

Dear Mr. Hurley:

This letter presents the results of the soil vapor investigation conducted by Optimal Technology (Optimal), for Rincon Consultants, Inc. on January 19, 2018. The study was performed at 215 Palm St. & 534 Santa Clara St., Fillmore, California.

Optimal was contracted to perform a soil vapor survey at this site to screen for possible chlorinated solvents and aromatic hydrocarbons. The primary objective of this soil vapor investigation was to determine if soil vapor contamination is present in the subsurface soil.

Gas Sampling Method

At each sampling location, an electric vacuum pump set to draw 0.2 liters per minute (L/min) of soil vapor was attached to the existing well and purged prior to sample collection. Vapor samples were obtained in SGE gas-tight syringes by drawing the sample through a luer-lock connection which connects the sampling probe and the vacuum pump. Samples were immediately injected into the gas chromatograph/purge and trap after collection. New tubing was used at each sampling point to prevent cross contamination.

All analyses were performed on a laboratory grade Agilent model 6890N gas chromatograph equipped with an Agilent model 5973N Mass Spectra Detector and Tekmar LSC 3100 Purge and Trap. A Restek column using helium as the carrier gas was used to perform all analysis. All results were collected on a personal computer utilizing Agilent's MS and chromatographic data collection and handling system.

Quality Assurance

5-Point Calibration

The initial five-point calibration consisted of 20, 50, 100, 200 and 500 ul injections of the calibration standard. A calibration factor on each analyte was generated using a best fit line method using the Agilent data system. If the r^2 factor generated from this line was not greater

than 0.990, an additional five-point calibration would have been performed. Method reporting limits were calculated to be 0.004-1.0 micrograms per Liter (ug/L) for the individual compounds.

A daily calibration check was performed using a pre-mixed standard supplied by Scotty Analyzed Gases. The standard contained common halogenated solvents and aromatic hydrocarbons (see Table 1). The individual compound concentrations in the standards ranged between 0.025 nanograms per microliter (ng/ul) and 0.25 ng/ul.

TABLE 1

Dichlorodifluoromethane	Carbon Tetrachloride	Chloroethane
Trichlorofluoromethane	1,2-Dichloroethane	Benzene
1,1-Dichloroethene	Trichloroethene	Toluene
Methylene Chloride	1,1,2-Trichloroethane	Ethylbenzene
trans-1,2-Dichloroethene	Tetrachloroethene	m-/p-Xylene
1,1-Dichloroethane	Chloroform	o-Xylene
cis-1,2-Dichloroethene	1,1,1,2-Tetrachloroethane	Vinyl Chloride
1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	Freon 113
4-Methyl-2-Pentanone	Cyclohexane	Acetone
Chlorobenzene	2-Butanone	Isobutane

Sample Replicates

A replicate analysis (duplicate) was run to evaluate the reproducibility of the sampling system and instrument. The difference between samples did not vary more than 20%.

Equipment Blanks

Blanks were run at the beginning of each workday and after calibrations. The blanks were collected using an ambient air sample. These blanks checked the septum, syringe, GC column, GC detector and the ambient air. Contamination was not found in any of the blanks analyzed during this investigation. Blank results are given along with the sample results.

Tracer Gas Leak Test

A tracer gas was applied to the soil gas probes at each point of connection in which ambient air could enter the sampling system. These points include the top of the sampling probe where the tubing meets the probe connection and the surface bentonite seals. Isobutane was used as the tracer gas. No Isobutane was found in any of the samples collected.

Purge Volume

The standard purge volume of three volumes was purged in accordance with the July 2015 DTSC/RWQCB Advisory for Active Soil Gas Investigations.

Shut-in Test

A shut-in test was conducted prior to purging or sampling each location to check for leaks in the above-ground sampling system. The system was evaluated to a minimum measured vacuum of

100 inches of water. The vacuum gauge was calibrated and sensitive enough to indicate a water pressure change of at least 0.5 inches.

Scope of Work

To achieve the objective of this investigation a total of 6 vapor samples were collected from 5 locations at the site. Sampling depths, vacuum readings, purge volume and sampling volumes are given on the analytical results page. All the collected vapor samples were analyzed on-site using Optimal's mobile laboratory.

Subsurface Conditions

Soil conditions offered sampling flows at 0" water vacuum.

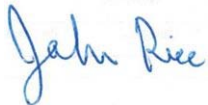
Results

During this vapor investigation, three samples contained levels of Tetrachloroethene (PCE) ranging from 0.73 ug/L to 2.49 ug/L. None of the other compounds listed in Table 1 above were detected above the listed reporting limits. A complete table of analytical results is included with this report.

Disclaimer

All conclusions presented in this letter are based solely on the information collected by the soil vapor survey conducted by Optimal Technology. Soil vapor testing is only a subsurface screening tool and does not represent actual contaminant concentrations in either the soil and/or groundwater. We enjoyed working with you on this project and look forward to future projects. If you have any questions, please contact me at (877) 764-5427.

Sincerely,



John Rice
Project Manager



Date of Report: 01/30/2018

Jake Hurley

Rincon Consultants

180 North Ashwood Avenue
Ventura, CA 93003

Client Project: 17-05056 - 215/222 Palm St., 534 Santa Clara St.

BCL Project: Soil Samples

BCL Work Order: 1802481

Invoice ID: B292658

Enclosed are the results of analyses for samples received by the laboratory on 1/22/2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Misty Orton
Client Service Rep

Stuart Buttram
Technical Director

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Volatile Organic Analysis (EPA Method 8260B/5035).....	15
Total Petroleum Hydrocarbons.....	18
Total Concentrations (TTLIC).....	19
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Volatile Organic Analysis (EPA Method 8260B/5035).....	20
Total Petroleum Hydrocarbons.....	23
Total Concentrations (TTLIC).....	24
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Volatile Organic Analysis (EPA Method 8260B/5035).....	25
Total Petroleum Hydrocarbons.....	28
Total Concentrations (TTLIC).....	29
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Volatile Organic Analysis (EPA Method 8260B/5035).....	30
Total Petroleum Hydrocarbons.....	33
Total Concentrations (TTLIC).....	34
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Volatile Organic Analysis (EPA Method 8260B/5035).....	35
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PCB Analysis (EPA Method 8082).....	48
Total Petroleum Hydrocarbons.....	49
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Total Petroleum Hydrocarbons.....	51
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BC Laboratories Chain of Custody *18-02481*

Report To: Jake Hurley Company: Rincon Consultants Attn: Jake Hurley Address: 180 North Ashwood Avenue Phone: 760-918-9444 Ext. 223 Email: JHurley@RinconConsultants.com		Project Description: 215 & 222 Palm Street 534 Santa Clara Street, Fillmore, CA Rincon Project Number: 17-05056		Billing Client: Rincon Consultants Attn: Jake Hurley Address: 180 North Ashwood Avenue, Ventura, CA 93003 Phone: 760-918-9444 Ext. 223		
Submission #:		Sampler: Ariel Diaz		Are there any tests with holding times less than or equal to 48 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		*Standard Turnaround = 10				
Sample ID	Client Sample Description	Collected		Analysis Requested	Matrix	Notes
		Date	Time			
1	RB1-2.5	1/19/2018		TPH (EPA 8015), VOCs (EPA 8260B), Title 22 Metals (EPA 6010B/7471A)	Soil	2 sample containers; One 5035 & One sleeve
2	RB1-5	1/19/2018		TPH (EPA 8015), VOCs (EPA 8260B), Title 22 Metals (EPA 6010B/7471A)	Soil	2 sample containers; One 5035 & One sleeve
3	RB1-10	1/19/2018		TPH (EPA 8015), VOCs (EPA 8260B), Title 22 Metals (EPA 6010B/7471A)	Soil	2 sample containers; One 5035 & One sleeve
4	RB2-2.5	1/19/2018		TPH (EPA 8015), VOCs (EPA 8260B), Title 22 Metals (EPA 6010B/7471A)	Soil	2 sample containers; One 5035 & One sleeve
5	RB2-5	1/19/2018		TPH (EPA 8015), VOCs (EPA 8260B), Title 22 Metals (EPA 6010B/7471A)	Soil	2 sample containers; One 5035 & One sleeve
6	RB2-10	1/19/2018		TPH (EPA 8015), VOCs (EPA 8260B), Title 22 Metals (EPA 6010B/7471A)	Soil	2 sample containers; One 5035 & One sleeve
7	RB3-5	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
8	RB3-10	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
9	RB3-15	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
10	RB4-5	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
11	RB4-10	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
12	RB4-15	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
13	RB5-5	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
14	RB5-10	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
15	RB5-15	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
16	RB6-5	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
17	RB6-10	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	
18	RB6-15	1/19/2018		PCBs (EPA 8082), TPH (EPA 8015)	Soil	

Matrix Types: S=Soil SL=Sludge DW=Drinking Water WW=Wastewater GW=Groundwater L=Liquid
 M=Miscellaneous O=Other

Turnaround # of working days: * 24 Hr Rush 48 Hr Rush 3-5 Day Rush Normal (10-Days)

Lab TAT Approval: _____ (*Additional Charges may apply) Cost Center: _____ Global ID: _____

Comments:

- MBU Site
- CVX RCRA
- Geotracker 5 Files (CA Default)
- Geotracker 2 Files
- Other _____

Relinquished By: *[Signature]* Date/Time: 1/19/18 1330
 Received By: *[Signature]* Date/Time: 1/19/18 15:40
 Relinquished By: *[Signature]* Date/Time: 1/22/18 4:40
 Received at Lab By: *[Signature]* Date/Time: 1/22/18 1640

BC Laboratories, Inc. • 4100 Atlas Court • Bakersfield, CA 93308 • (661) 327-1918 • Fax: (661) 327-1918 • www.bclabs.com

CHN BY: *[Signature]*
 DISTRIBUTION: *[Signature]*
 SUB-OUT:

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BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 of 2

Submission #: 18-02481

SHIPPING INFORMATION: Fed Ex UPS Ontrac Hand Delivery BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER: Ice Chest None Box Other (Specify) _____

FREE LIQUID: YES NO W / S _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Intact? Yes No Intact? Yes No Comments: _____

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received: YES NO Emissivity: 0.95 Container: SSIWAP Thermometer ID: 208 Date/Time: 1/22/18 18:00 Analyst Init: BAE

Temperature: (A) 0.7 °C / (C) 07 °C

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁴										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/808										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 3015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE X02	A	A	A	A	A	A	A	A	A	A
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT	B>E	B>E	B>E	B>E	B>E	B>E				
SUMMA CANISTER										

Comments: _____

Sample Numbering Completed By: ML Date/Time: 1-28-18 0407

A = Actual / C = Corrected

Rev 21 05/23/2016
\\SI\WP\Doc\Ward\ref\ccl\LAB_DCS\FORMS\CSANREC\rev 20\



BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 of 2

Submission #: 18-02481 #18317

SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W / S	
---	--	---	--	---	--

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments: _____
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received YES NO
 Emissivity: 0.95 Container: SSLLW Thermometer ID: 208 Date/Time: 1/22/18 10:10
 Temperature: (A) 0.7 °C / (C) 0.7 °C Analyst Init: WRE

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶⁺										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 505/508/509										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE <u>X02</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>		
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____
 Sample Numbering Completed By: WRE Date/Time: 1-28-18 WRE Rev 21 05/23/2016
 A = Actual / C = Corrected

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
1802481-01	COC Number:	---		Receive Date:	01/22/2018 16:40
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB1-2.5		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-02	COC Number:	---		Receive Date:	01/22/2018 16:40
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB1-5		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-03	COC Number:	---		Receive Date:	01/22/2018 16:40
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB1-10		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-04	COC Number:	---		Receive Date:	01/22/2018 16:40
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB2-2.5		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-05	COC Number:	---		Receive Date:	01/22/2018 16:40
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB2-5		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-06	COC Number:	---		Receive Date:	01/22/2018 16:40
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB2-10		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-07	COC Number:	---		Receive Date:	01/22/2018 16:40
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB3-5		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	
1802481-08	COC Number:	---		01/22/2018 16:40	
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB3-10		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-09	COC Number:	---		01/22/2018 16:40	
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB3-15		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-10	COC Number:	---		01/22/2018 16:40	
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB4-5		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-11	COC Number:	---		01/22/2018 16:40	
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB4-10		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-12	COC Number:	---		01/22/2018 16:40	
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB4-15		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-13	COC Number:	---		01/22/2018 16:40	
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB5-5		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
1802481-14	COC Number:	---		01/22/2018 16:40	
	Project Number:	---		Sampling Date:	01/19/2018 00:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	RB5-10		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1802481-15	COC Number:	---	Receive Date:	01/22/2018 16:40
	Project Number:	---	Sampling Date:	01/19/2018 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB5-15	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1802481-16	COC Number:	---	Receive Date:	01/22/2018 16:40
	Project Number:	---	Sampling Date:	01/19/2018 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB6-5	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1802481-17	COC Number:	---	Receive Date:	01/22/2018 16:40
	Project Number:	---	Sampling Date:	01/19/2018 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB6-10	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1802481-18	COC Number:	---	Receive Date:	01/22/2018 16:40
	Project Number:	---	Sampling Date:	01/19/2018 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB6-15	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-01	Client Sample Name: RB1-2.5, 1/19/2018 12:00:00AM
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	0.0039	mg/kg	0.0050	0.0013	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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Rincon Consultants
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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

Table with columns: BCL Sample ID, Client Sample Name, Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various chemical compounds and their analysis results.

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-01	Client Sample Name: RB1-2.5, 1/19/2018 12:00:00AM
----------------------------------	--

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	01/24/18 15:45	01/26/18 13:47		BEP	MS-V3	1.050	B002755

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-01	Client Sample Name: RB1-2.5, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	39	9.7	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	19	2.3	EPA-8015B/FFP	ND		1
TPH - Motor Oil	160	mg/kg	39	13	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	117	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/26/18 19:07	AS1	GC-13	1.935	B002974

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Concentrations (TTLIC)

BCL Sample ID: 1802481-01		Client Sample Name: RB1-2.5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	3.4	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	98	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.30	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	4.1	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	20	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	3.0	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	21	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	39	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.055	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	8.1	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	27	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	0.095	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	56	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	120	mg/kg	5.0	0.17	EPA-6010B	5000	A07	3

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	01/24/18 20:25	01/25/18 16:36		JCC	PE-OP3	1	B002892
2	EPA-7471A	01/24/18 10:00	01/24/18 14:37		JP1	CETAC2	1.025	B002810
3	EPA-6010B	01/24/18 20:25	01/26/18 14:08		JCC	PE-OP3	2	B002892

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-02		Client Sample Name: RB1-5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	0.0018	mg/kg	0.0050	0.0013	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-02		Client Sample Name: RB1-5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	0.0024	mg/kg	0.0050	0.0012	EPA-8260B		J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	121	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	109	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-02	Client Sample Name: RB1-5, 1/19/2018 12:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	01/24/18 15:45	01/26/18 01:26		BEP	MS-V3	1.022	B002755

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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-02		Client Sample Name: RB1-5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	39	9.7	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	19	2.3	EPA-8015B/FFP	ND		1
TPH - Motor Oil	100	mg/kg	39	13	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	101	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/26/18 19:29	AS1	GC-13	1.948	B002974

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Concentrations (TTLIC)

BCL Sample ID: 1802481-02		Client Sample Name: RB1-5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A07	1
Arsenic	2.7	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Barium	110	mg/kg	2.5	0.90	EPA-6010B	10000	A07	2
Beryllium	0.26	mg/kg	1.0	0.094	EPA-6010B	75	J,A07	1
Cadmium	4.5	mg/kg	1.0	0.10	EPA-6010B	100	A07	1
Chromium	20	mg/kg	1.0	0.10	EPA-6010B	2500	A07	1
Cobalt	2.4	mg/kg	5.0	0.20	EPA-6010B	8000	J,A07	1
Copper	13	mg/kg	2.0	0.10	EPA-6010B	2500	A07	1
Lead	3.8	mg/kg	5.0	0.56	EPA-6010B	1000	J,A07	1
Mercury	0.019	mg/kg	0.16	0.019	EPA-7471A	20	J	3
Molybdenum	8.7	mg/kg	5.0	0.10	EPA-6010B	3500	A07	1
Nickel	27	mg/kg	1.0	0.30	EPA-6010B	2000	A07	1
Selenium	2.1	mg/kg	2.0	2.0	EPA-6010B	100	A07	1
Silver	0.32	mg/kg	1.0	0.13	EPA-6010B	500	J,A07	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	700	A07	1
Vanadium	54	mg/kg	1.0	0.22	EPA-6010B	2400	A07	1
Zinc	45	mg/kg	5.0	0.17	EPA-6010B	5000	A07	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	01/24/18 20:25	01/26/18 14:26		JCC	PE-OP3	1.942	B002892
2	EPA-6010B	01/24/18 20:25	01/29/18 14:22		JCC	PE-OP3	4.854	B002892
3	EPA-7471A	01/24/18 10:00	01/24/18 14:39		JP1	CETAC2	0.977	B002810

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-03	Client Sample Name: RB1-10, 1/19/2018 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	0.0019	mg/kg	0.0071	0.0019	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0071	0.0013	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0071	0.0012	EPA-8260B			1
Bromoform	ND	mg/kg	0.0071	0.0021	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0071	0.0023	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0071	0.0021	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0071	0.0017	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0071	0.0017	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0071	0.0016	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0071	0.0020	EPA-8260B			1
Chloroform	ND	mg/kg	0.0071	0.00090	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0071	0.0020	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0071	0.0026	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0071	0.0020	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0071	0.0014	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0071	0.0024	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0071	0.0014	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0071	0.0026	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0071	0.0012	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0071	0.0020	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0071	0.0021	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0071	0.0020	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0071	0.0012	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0071	0.0017	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0071	0.0020	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0071	0.0012	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0071	0.0016	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0071	0.0017	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-03		Client Sample Name: RB1-10, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0071	0.0016	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0071	0.0017	EPA-8260B			1
Ethylbenzene	0.0054	mg/kg	0.0071	0.0021	EPA-8260B		J	1
Hexachlorobutadiene	ND	mg/kg	0.0071	0.0024	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.014	0.0034	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0071	0.00071	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0071	0.0020	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
Styrene	ND	mg/kg	0.0071	0.0020	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0071	0.0016	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0071	0.0016	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
Toluene	0.0068	mg/kg	0.0071	0.0017	EPA-8260B		J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0071	0.0030	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0071	0.0029	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0071	0.0016	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0071	0.0011	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0071	0.0016	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0071	0.0016	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0071	0.0023	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0071	0.0019	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0071	0.0021	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0071	0.0023	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.014	0.0049	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0071	0.0031	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0071	0.0017	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	119	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	105	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-03	Client Sample Name: RB1-10, 1/19/2018 12:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	01/24/18 15:45	01/26/18	01:49	BEP	MS-V3	1.429	B002755

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-03	Client Sample Name: RB1-10, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	12	mg/kg	10	1.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	35	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	97.6	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/26/18 17:37	AS1	GC-13	1.017	B002974

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Concentrations (TTLIC)

BCL Sample ID: 1802481-03		Client Sample Name: RB1-10, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A07	1
Arsenic	3.1	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Barium	110	mg/kg	2.5	0.90	EPA-6010B	10000	A07	2
Beryllium	0.27	mg/kg	1.0	0.094	EPA-6010B	75	J,A07	1
Cadmium	4.3	mg/kg	1.0	0.10	EPA-6010B	100	A07	1
Chromium	21	mg/kg	1.0	0.10	EPA-6010B	2500	A07	1
Cobalt	2.3	mg/kg	5.0	0.20	EPA-6010B	8000	J,A07	1
Copper	14	mg/kg	2.0	0.10	EPA-6010B	2500	A07	1
Lead	8.8	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1
Mercury	0.019	mg/kg	0.16	0.019	EPA-7471A	20	J	3
Molybdenum	8.6	mg/kg	5.0	0.10	EPA-6010B	3500	A07	1
Nickel	26	mg/kg	1.0	0.30	EPA-6010B	2000	A07	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	1
Silver	0.21	mg/kg	1.0	0.13	EPA-6010B	500	J,A07	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	700	A07	1
Vanadium	57	mg/kg	1.0	0.22	EPA-6010B	2400	A07	1
Zinc	49	mg/kg	5.0	0.17	EPA-6010B	5000	A07	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	01/24/18 20:25	01/26/18 14:28		JCC	PE-OP3	1.905	B002892
2	EPA-6010B	01/24/18 20:25	01/29/18 14:23		JCC	PE-OP3	4.762	B002892
3	EPA-7471A	01/24/18 10:00	01/24/18 14:46		JP1	CETAC2	0.992	B002810

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-04	Client Sample Name: RB2-2.5, 1/19/2018 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	0.0014	mg/kg	0.0050	0.0013	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-04		Client Sample Name: RB2-2.5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	0.0033	mg/kg	0.0050	0.0015	EPA-8260B		J	1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	0.0053	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	127	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	110	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-04	Client Sample Name: RB2-2.5, 1/19/2018 12:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	01/24/18 15:45	01/26/18 02:12		BEP	MS-V3	1.050	B002755

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-04	Client Sample Name: RB2-2.5, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	22	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	96.1	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/26/18 17:59	AS1	GC-13	1.007	B002974

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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Concentrations (TTLIC)

BCL Sample ID: 1802481-04		Client Sample Name: RB2-2.5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A07	1
Arsenic	3.6	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Barium	110	mg/kg	2.5	0.90	EPA-6010B	10000	A07	2
Beryllium	0.29	mg/kg	1.0	0.094	EPA-6010B	75	J,A07	1
Cadmium	4.7	mg/kg	1.0	0.10	EPA-6010B	100	A07	1
Chromium	20	mg/kg	1.0	0.10	EPA-6010B	2500	A07	1
Cobalt	2.8	mg/kg	5.0	0.20	EPA-6010B	8000	J,A07	1
Copper	19	mg/kg	2.0	0.10	EPA-6010B	2500	A07	1
Lead	3.2	mg/kg	5.0	0.56	EPA-6010B	1000	J,A07	1
Mercury	0.040	mg/kg	0.16	0.019	EPA-7471A	20	J	3
Molybdenum	9.7	mg/kg	5.0	0.10	EPA-6010B	3500	A07	1
Nickel	34	mg/kg	1.0	0.30	EPA-6010B	2000	A07	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	1
Silver	0.19	mg/kg	1.0	0.13	EPA-6010B	500	J,A07	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	700	A07	1
Vanadium	57	mg/kg	1.0	0.22	EPA-6010B	2400	A07	1
Zinc	53	mg/kg	5.0	0.17	EPA-6010B	5000	A07	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	01/24/18 20:25	01/26/18 14:30		JCC	PE-OP3	1.942	B002892
2	EPA-6010B	01/24/18 20:25	01/29/18 14:25		JCC	PE-OP3	4.854	B002892
3	EPA-7471A	01/24/18 10:00	01/24/18 14:48		JP1	CETAC2	0.962	B002810

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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-05	Client Sample Name: RB2-5, 1/19/2018 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	0.0027	mg/kg	0.0072	0.0019	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0072	0.0013	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0072	0.0012	EPA-8260B			1
Bromoform	ND	mg/kg	0.0072	0.0022	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0072	0.0023	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0072	0.0022	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0072	0.0017	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0072	0.0017	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0072	0.0016	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0072	0.0020	EPA-8260B			1
Chloroform	ND	mg/kg	0.0072	0.00091	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0072	0.0020	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0072	0.0026	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0072	0.0020	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0072	0.0014	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0072	0.0025	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0072	0.0014	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0072	0.0026	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0072	0.0012	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0072	0.0020	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0072	0.0022	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0072	0.0020	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0072	0.0012	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0072	0.0017	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0072	0.0020	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0072	0.0012	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0072	0.0016	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0072	0.0017	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-05		Client Sample Name: RB2-5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0072	0.0016	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0072	0.0017	EPA-8260B			1
Ethylbenzene	0.0028	mg/kg	0.0072	0.0022	EPA-8260B		J	1
Hexachlorobutadiene	ND	mg/kg	0.0072	0.0025	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.014	0.0035	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0072	0.00072	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0072	0.0020	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
Styrene	ND	mg/kg	0.0072	0.0020	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0072	0.0016	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0072	0.0016	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
Toluene	0.0048	mg/kg	0.0072	0.0017	EPA-8260B		J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0072	0.0030	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0072	0.0029	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0072	0.0016	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0072	0.0011	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0072	0.0016	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0072	0.0016	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0072	0.0023	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0072	0.0019	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0072	0.0022	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0072	0.0023	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.014	0.0049	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0072	0.0032	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0072	0.0017	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	115	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	107	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-05	Client Sample Name: RB2-5, 1/19/2018 12:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	01/24/18 15:45	01/26/18 02:35		BEP	MS-V3	1.445	B002755

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-05	Client Sample Name: RB2-5, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	34	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	82.6	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/26/18 18:22	AS1	GC-13	1.003	B002974

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Concentrations (TTLIC)

BCL Sample ID: 1802481-05		Client Sample Name: RB2-5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A07	1
Arsenic	4.7	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Barium	120	mg/kg	2.5	0.90	EPA-6010B	10000	A07	2
Beryllium	0.28	mg/kg	1.0	0.094	EPA-6010B	75	J,A07	1
Cadmium	5.0	mg/kg	1.0	0.10	EPA-6010B	100	A07	1
Chromium	20	mg/kg	1.0	0.10	EPA-6010B	2500	A07	1
Cobalt	2.8	mg/kg	5.0	0.20	EPA-6010B	8000	J,A07	1
Copper	14	mg/kg	2.0	0.10	EPA-6010B	2500	A07	1
Lead	2.7	mg/kg	5.0	0.56	EPA-6010B	1000	J,A07	1
Mercury	ND	mg/kg	0.16	0.019	EPA-7471A	20		3
Molybdenum	11	mg/kg	5.0	0.10	EPA-6010B	3500	A07	1
Nickel	29	mg/kg	1.0	0.30	EPA-6010B	2000	A07	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	1
Silver	0.15	mg/kg	1.0	0.13	EPA-6010B	500	J,A07	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	700	A07	1
Vanadium	61	mg/kg	1.0	0.22	EPA-6010B	2400	A07	1
Zinc	48	mg/kg	5.0	0.17	EPA-6010B	5000	A07	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	01/24/18 20:25	01/26/18 14:31		JCC	PE-OP3	1.887	B002892
2	EPA-6010B	01/24/18 20:25	01/29/18 14:27		JCC	PE-OP3	4.717	B002892
3	EPA-7471A	01/24/18 10:00	01/24/18 14:50		JP1	CETAC2	0.992	B002810

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-06	Client Sample Name: RB2-10, 1/19/2018 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0073	0.0013	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0073	0.0012	EPA-8260B			1
Bromoform	ND	mg/kg	0.0073	0.0022	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0073	0.0023	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0073	0.0022	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0073	0.0017	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0073	0.0017	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0073	0.0016	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0073	0.0020	EPA-8260B			1
Chloroform	ND	mg/kg	0.0073	0.00092	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0073	0.0020	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0073	0.0026	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0073	0.0020	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0073	0.0014	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0073	0.0025	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0073	0.0015	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0073	0.0026	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0073	0.0012	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0073	0.0020	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0073	0.0022	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0073	0.0020	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0073	0.0012	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0073	0.0017	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0073	0.0020	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0073	0.0012	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0073	0.0016	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0073	0.0017	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-06		Client Sample Name: RB2-10, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0073	0.0016	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0073	0.0017	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0073	0.0022	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0073	0.0025	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.015	0.0035	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0073	0.00073	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0073	0.0020	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
Styrene	ND	mg/kg	0.0073	0.0020	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0073	0.0016	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0073	0.0016	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
Toluene	0.0026	mg/kg	0.0073	0.0017	EPA-8260B		J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0073	0.0031	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0073	0.0029	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0073	0.0016	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0073	0.0011	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0073	0.0016	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0073	0.0016	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0073	0.0023	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0073	0.0019	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0073	0.0022	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0073	0.0023	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.015	0.0049	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0073	0.0032	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0073	0.0017	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	116	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	111	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1802481-06	Client Sample Name: RB2-10, 1/19/2018 12:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	01/24/18 15:45	01/26/18 02:59		BEP	MS-V3	1.453	B002755

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-06	Client Sample Name: RB2-10, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	33	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	114	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/26/18 18:44	AS1	GC-13	1.017	B002974

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Concentrations (TTLIC)

BCL Sample ID: 1802481-06		Client Sample Name: RB2-10, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A07	1
Arsenic	ND	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Barium	43	mg/kg	2.5	0.90	EPA-6010B	10000	A07	2
Beryllium	0.18	mg/kg	1.0	0.094	EPA-6010B	75	J,A07	1
Cadmium	2.1	mg/kg	1.0	0.10	EPA-6010B	100	A07	1
Chromium	15	mg/kg	1.0	0.10	EPA-6010B	2500	A07	1
Cobalt	1.5	mg/kg	5.0	0.20	EPA-6010B	8000	J,A07	1
Copper	5.0	mg/kg	2.0	0.10	EPA-6010B	2500	A07	1
Lead	1.4	mg/kg	5.0	0.56	EPA-6010B	1000	J,A07	1
Mercury	0.024	mg/kg	0.16	0.019	EPA-7471A	20	J	3
Molybdenum	3.6	mg/kg	5.0	0.10	EPA-6010B	3500	J,A07	1
Nickel	14	mg/kg	1.0	0.30	EPA-6010B	2000	A07	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A07	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	700	A07	1
Vanadium	25	mg/kg	1.0	0.22	EPA-6010B	2400	A07	1
Zinc	17	mg/kg	5.0	0.17	EPA-6010B	5000	A07	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	01/24/18 20:25	01/26/18 14:35		JCC	PE-OP3	1.869	B002892
2	EPA-6010B	01/24/18 20:25	01/29/18 14:28		JCC	PE-OP3	4.673	B002892
3	EPA-7471A	01/24/18 10:00	01/24/18 14:52		JP1	CETAC2	0.962	B002810

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-07		Client Sample Name: RB3-5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	25.0	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 11:23	HKS	GC-15	0.984	B002979

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-07	Client Sample Name: RB3-5, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	36	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	99.0	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 17:57	AS1	GC-13	0.984	B002974

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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-08		Client Sample Name: RB3-10, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	26.7	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 11:34	HKS	GC-15	1.014	B002979

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-08	Client Sample Name: RB3-10, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	43	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	112	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 18:19	AS1	GC-13	0.987	B002974

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Rincon Consultants
180 North Ashwood Avenue
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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-09		Client Sample Name: RB3-15, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	63.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 11:44	HKS	GC-15	1.010	B002979

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-09	Client Sample Name: RB3-15, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	40	10	EPA-8015B/FFP	ND	A01	1
TPH - Diesel (FFP)	ND	mg/kg	20	2.4	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	160	mg/kg	40	13	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	35.4	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/29/18 11:17	AS1	GC-13	2.034	B002974

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-10		Client Sample Name: RB4-5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	66.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 11:55	HKS	GC-15	1.007	B002979

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180 North Ashwood Avenue
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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-10	Client Sample Name: RB4-5, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	68	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	94.4	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 19:25	AS1	GC-13	1.014	B002974

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-11		Client Sample Name: RB4-10, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	48.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 12:06	HKS	GC-15	0.997	B002979

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-11	Client Sample Name: RB4-10, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	42	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	110	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 19:48	AS1	GC-13	1.010	B002974

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-12		Client Sample Name: RB4-15, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	45.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 12:16	HKS	GC-15	1.003	B002979

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-12	Client Sample Name: RB4-15, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	53	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	99.1	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 22:23	AS1	GC-13	1.017	B002974

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-13		Client Sample Name: RB5-5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	61.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 12:48	HKS	GC-15	1	B002979

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-13	Client Sample Name: RB5-5, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	130	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	109	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 20:32	AS1	GC-13	1	B002974

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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-14		Client Sample Name: RB5-10, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	43.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 12:58	HKS	GC-15	0.984	B002979

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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-14	Client Sample Name: RB5-10, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	47	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	59.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 20:10	AS1	GC-13	0.987	B002974

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-15		Client Sample Name: RB5-15, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	56.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 13:09	HKS	GC-15	0.987	B002979

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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-15	Client Sample Name: RB5-15, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	28	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	93.1	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 17:12	AS1	GC-13	1.010	B002974

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-16		Client Sample Name: RB6-5, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	41.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 13:20	HKS	GC-15	1	B002979

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180 North Ashwood Avenue
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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-16	Client Sample Name: RB6-5, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	130	mg/kg	10	1.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	110	mg/kg	20	6.5	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	119	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 17:34	AS1	GC-13	1	B002974

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-17		Client Sample Name: RB6-10, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	40.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 13:30	HKS	GC-15	1.014	B002979

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180 North Ashwood Avenue
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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-17	Client Sample Name: RB6-10, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	78	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	90.3	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 18:41	AS1	GC-13	0.997	B002974

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1802481-18		Client Sample Name: RB6-15, 1/19/2018 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0024	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0044	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0059	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0037	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0030	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0056	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	45.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	01/24/18 23:00	01/25/18 13:41	HKS	GC-15	1.017	B002979

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

BCL Sample ID: 1802481-18	Client Sample Name: RB6-15, 1/19/2018 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	61	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	109	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/24/18 22:00	01/27/18 19:03	AS1	GC-13	0.984	B002974

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B002979						
PCB-1016	B002979-BLK1	ND	mg/kg	0.010	0.0026	
PCB-1221	B002979-BLK1	ND	mg/kg	0.010	0.0024	
PCB-1232	B002979-BLK1	ND	mg/kg	0.010	0.0044	
PCB-1242	B002979-BLK1	ND	mg/kg	0.010	0.0059	
PCB-1248	B002979-BLK1	ND	mg/kg	0.010	0.0037	
PCB-1254	B002979-BLK1	ND	mg/kg	0.010	0.0030	
PCB-1260	B002979-BLK1	ND	mg/kg	0.010	0.0056	
Total PCB's (Summation)	B002979-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	B002979-BLK1	75.0	%	40 - 120 (LCL - UCL)		

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B002979										
PCB-1016	B002979-BS1	LCS	0.081333	0.083333	mg/kg	97.6		60	120	
PCB-1260	B002979-BS1	LCS	0.072333	0.083333	mg/kg	86.8		60	120	
Decachlorobiphenyl (Surrogate)	B002979-BS1	LCS	0.016667	0.020000	mg/kg	83.3		40	120	

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: B002979		Used client sample: Y - Description: RB3-5, 01/19/2018 00:00									
PCB-1016	MS	1802481-07	ND	0.035452	0.083612	mg/kg		42.4		60 - 120	Q03
	MSD	1802481-07	ND	0.034459	0.084459	mg/kg	2.8	40.8	30	60 - 120	Q03
PCB-1260	MS	1802481-07	ND	0.025753	0.083612	mg/kg		30.8		60 - 120	Q03
	MSD	1802481-07	ND	0.025676	0.084459	mg/kg	0.3	30.4	30	60 - 120	Q03
Decachlorobiphenyl (Surrogate)	MS	1802481-07	ND	0.0056856	0.020067	mg/kg		28.3		40 - 120	S09
	MSD	1802481-07	ND	0.0057432	0.020270	mg/kg	1.0	28.3		40 - 120	S09

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Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B002755						
Benzene	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
Bromobenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
Bromochloromethane	B002755-BLK1	ND	mg/kg	0.0050	0.00092	
Bromodichloromethane	B002755-BLK1	ND	mg/kg	0.0050	0.00084	
Bromoform	B002755-BLK1	ND	mg/kg	0.0050	0.0015	
Bromomethane	B002755-BLK1	ND	mg/kg	0.0050	0.0016	
n-Butylbenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0015	
sec-Butylbenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0012	
tert-Butylbenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0012	
Carbon tetrachloride	B002755-BLK1	ND	mg/kg	0.0050	0.0011	
Chlorobenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
Chloroethane	B002755-BLK1	ND	mg/kg	0.0050	0.0014	
Chloroform	B002755-BLK1	ND	mg/kg	0.0050	0.00063	
Chloromethane	B002755-BLK1	ND	mg/kg	0.0050	0.0014	
2-Chlorotoluene	B002755-BLK1	ND	mg/kg	0.0050	0.0018	
4-Chlorotoluene	B002755-BLK1	ND	mg/kg	0.0050	0.0014	
Dibromochloromethane	B002755-BLK1	ND	mg/kg	0.0050	0.00099	
1,2-Dibromo-3-chloropropane	B002755-BLK1	ND	mg/kg	0.0050	0.0017	
1,2-Dibromoethane	B002755-BLK1	ND	mg/kg	0.0050	0.0010	
Dibromomethane	B002755-BLK1	ND	mg/kg	0.0050	0.0018	
1,2-Dichlorobenzene	B002755-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichlorobenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0014	
1,4-Dichlorobenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0015	
Dichlorodifluoromethane	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloroethane	B002755-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloroethane	B002755-BLK1	ND	mg/kg	0.0050	0.00085	
1,1-Dichloroethene	B002755-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,2-Dichloroethene	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
trans-1,2-Dichloroethene	B002755-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloropropane	B002755-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichloropropane	B002755-BLK1	ND	mg/kg	0.0050	0.0011	
2,2-Dichloropropane	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloropropene	B002755-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,3-Dichloropropene	B002755-BLK1	ND	mg/kg	0.0050	0.0011	

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B002755						
trans-1,3-Dichloropropene	B002755-BLK1	ND	mg/kg	0.0050	0.0012	
Ethylbenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0015	
Hexachlorobutadiene	B002755-BLK1	ND	mg/kg	0.0050	0.0017	
Isopropylbenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
p-Isopropyltoluene	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
Methylene chloride	B002755-BLK1	ND	mg/kg	0.010	0.0024	
Methyl t-butyl ether	B002755-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B002755-BLK1	ND	mg/kg	0.0050	0.0014	
n-Propylbenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
Styrene	B002755-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1,2-Tetrachloroethane	B002755-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,1,2-Tetrachloroethane	B002755-BLK1	ND	mg/kg	0.0050	0.0011	
Tetrachloroethene	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
Toluene	B002755-BLK1	ND	mg/kg	0.0050	0.0012	
1,2,3-Trichlorobenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0021	
1,2,4-Trichlorobenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0020	
1,1,1-Trichloroethane	B002755-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2-Trichloroethane	B002755-BLK1	ND	mg/kg	0.0050	0.00077	
Trichloroethene	B002755-BLK1	ND	mg/kg	0.0050	0.0011	
Trichlorofluoromethane	B002755-BLK1	ND	mg/kg	0.0050	0.0011	
1,2,3-Trichloropropane	B002755-BLK1	ND	mg/kg	0.0050	0.0016	
1,1,2-Trichloro-1,2,2-trifluoroethane	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
1,2,4-Trimethylbenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0013	
1,3,5-Trimethylbenzene	B002755-BLK1	ND	mg/kg	0.0050	0.0015	
Vinyl chloride	B002755-BLK1	ND	mg/kg	0.0050	0.0016	
Total Xylenes	B002755-BLK1	ND	mg/kg	0.010	0.0034	
p- & m-Xylenes	B002755-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B002755-BLK1	ND	mg/kg	0.0050	0.0012	
1,2-Dichloroethane-d4 (Surrogate)	B002755-BLK1	106	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	B002755-BLK1	104	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	B002755-BLK1	111	%	74 - 121 (LCL - UCL)		

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Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B002755										
Benzene	B002755-BS1	LCS	0.14079	0.12500	mg/kg	113		70 - 130		
Bromodichloromethane	B002755-BS1	LCS	0.12946	0.12500	mg/kg	104		70 - 130		
Chlorobenzene	B002755-BS1	LCS	0.12118	0.12500	mg/kg	96.9		70 - 130		
Chloroethane	B002755-BS1	LCS	0.13395	0.12500	mg/kg	107		70 - 130		
1,4-Dichlorobenzene	B002755-BS1	LCS	0.11518	0.12500	mg/kg	92.1		70 - 130		
1,1-Dichloroethane	B002755-BS1	LCS	0.13830	0.12500	mg/kg	111		70 - 130		
1,1-Dichloroethene	B002755-BS1	LCS	0.14032	0.12500	mg/kg	112		70 - 130		
Toluene	B002755-BS1	LCS	0.12517	0.12500	mg/kg	100		70 - 130		
Trichloroethene	B002755-BS1	LCS	0.12436	0.12500	mg/kg	99.5		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B002755-BS1	LCS	0.053180	0.050000	mg/kg	106		70 - 121		
Toluene-d8 (Surrogate)	B002755-BS1	LCS	0.052280	0.050000	mg/kg	105		81 - 117		
4-Bromofluorobenzene (Surrogate)	B002755-BS1	LCS	0.050800	0.050000	mg/kg	102		74 - 121		

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Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab Quals
								Percent Recovery	Percent Recovery	
QC Batch ID: B002755		Used client sample: N								
Benzene	MS	1801373-27	ND	0.12584	0.12500	mg/kg		101		70 - 130
	MSD	1801373-27	ND	0.13226	0.12500	mg/kg	5.0	106	20	70 - 130
Bromodichloromethane	MS	1801373-27	ND	0.11609	0.12500	mg/kg		92.9		70 - 130
	MSD	1801373-27	ND	0.12028	0.12500	mg/kg	3.5	96.2	20	70 - 130
Chlorobenzene	MS	1801373-27	ND	0.11009	0.12500	mg/kg		88.1		70 - 130
	MSD	1801373-27	ND	0.11058	0.12500	mg/kg	0.4	88.5	20	70 - 130
Chloroethane	MS	1801373-27	ND	0.12099	0.12500	mg/kg		96.8		70 - 130
	MSD	1801373-27	ND	0.12065	0.12500	mg/kg	0.3	96.5	20	70 - 130
1,4-Dichlorobenzene	MS	1801373-27	ND	0.10448	0.12500	mg/kg		83.6		70 - 130
	MSD	1801373-27	ND	0.10386	0.12500	mg/kg	0.6	83.1	20	70 - 130
1,1-Dichloroethane	MS	1801373-27	ND	0.12323	0.12500	mg/kg		98.6		70 - 130
	MSD	1801373-27	ND	0.12549	0.12500	mg/kg	1.8	100	20	70 - 130
1,1-Dichloroethene	MS	1801373-27	ND	0.13060	0.12500	mg/kg		104		70 - 130
	MSD	1801373-27	ND	0.13008	0.12500	mg/kg	0.4	104	20	70 - 130
Toluene	MS	1801373-27	ND	0.11745	0.12500	mg/kg		94.0		70 - 130
	MSD	1801373-27	ND	0.11306	0.12500	mg/kg	3.8	90.4	20	70 - 130
Trichloroethene	MS	1801373-27	ND	0.11631	0.12500	mg/kg		93.0		70 - 130
	MSD	1801373-27	ND	0.11615	0.12500	mg/kg	0.1	92.9	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	1801373-27	ND	0.052910	0.050000	mg/kg		106		70 - 121
	MSD	1801373-27	ND	0.055320	0.050000	mg/kg	4.5	111		70 - 121
Toluene-d8 (Surrogate)	MS	1801373-27	ND	0.051430	0.050000	mg/kg		103		81 - 117
	MSD	1801373-27	ND	0.052610	0.050000	mg/kg	2.3	105		81 - 117
4-Bromofluorobenzene (Surrogate)	MS	1801373-27	ND	0.053280	0.050000	mg/kg		107		74 - 121
	MSD	1801373-27	ND	0.051660	0.050000	mg/kg	3.1	103		74 - 121

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Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B002974						
TPH - Gasoline	B002974-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	B002974-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	B002974-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	B002974-BLK1	103	%	20 - 145 (LCL - UCL)		

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Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
QC Batch ID: B002974											
TPH - Diesel (FFP)	B002974-BS1	LCS	89.621	83.893	mg/kg	107		64	124		
Tetracosane (Surrogate)	B002974-BS1	LCS	4.4349	3.3570	mg/kg	132		20	145		

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Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab Quals
								Recovery	RPD	
QC Batch ID: B002974		Used client sample: Y - Description: RB2-5, 01/19/2018 00:00								
TPH - Diesel (FFP)	MS	1802481-05	ND	70.112	84.746	mg/kg		82.7		52 - 131
	MSD	1802481-05	ND	81.518	82.781	mg/kg	15.0	98.5	30	52 - 131
Tetracosane (Surrogate)	MS	1802481-05	ND	3.6622	3.3912	mg/kg		108		20 - 145
	MSD	1802481-05	ND	3.7008	3.3126	mg/kg	1.0	112		20 - 145

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Reported: 01/30/2018 15:05
Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B002810						
Mercury	B002810-BLK1	ND	mg/kg	0.16	0.019	
QC Batch ID: B002892						
Antimony	B002892-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B002892-BLK1	ND	mg/kg	1.0	0.40	
Barium	B002892-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B002892-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B002892-BLK1	ND	mg/kg	0.50	0.052	
Chromium	B002892-BLK1	0.086958	mg/kg	0.50	0.050	J
Cobalt	B002892-BLK1	ND	mg/kg	2.5	0.098	
Copper	B002892-BLK1	ND	mg/kg	1.0	0.050	
Lead	B002892-BLK1	ND	mg/kg	2.5	0.28	
Molybdenum	B002892-BLK1	ND	mg/kg	2.5	0.050	
Nickel	B002892-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B002892-BLK1	ND	mg/kg	1.0	0.98	
Silver	B002892-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B002892-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	B002892-BLK1	ND	mg/kg	0.50	0.11	
Zinc	B002892-BLK2	ND	mg/kg	2.5	0.087	

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Project Manager: Jake Hurley

Total Concentrations (TTL)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: B002810										
Mercury	B002810-BS1	LCS	0.84576	0.80000	mg/kg	106		80 - 120		
QC Batch ID: B002892										
Antimony	B002892-BS1	LCS	105.41	100.00	mg/kg	105		75 - 125		
Arsenic	B002892-BS1	LCS	9.3030	10.000	mg/kg	93.0		75 - 125		
Barium	B002892-BS1	LCS	106.55	100.00	mg/kg	107		75 - 125		
Beryllium	B002892-BS1	LCS	9.7026	10.000	mg/kg	97.0		75 - 125		
Cadmium	B002892-BS1	LCS	9.7590	10.000	mg/kg	97.6		75 - 125		
Chromium	B002892-BS1	LCS	106.87	100.00	mg/kg	107		75 - 125		
Cobalt	B002892-BS1	LCS	102.87	100.00	mg/kg	103		75 - 125		
Copper	B002892-BS1	LCS	98.167	100.00	mg/kg	98.2		75 - 125		
Lead	B002892-BS1	LCS	101.70	100.00	mg/kg	102		75 - 125		
Molybdenum	B002892-BS1	LCS	103.65	100.00	mg/kg	104		75 - 125		
Nickel	B002892-BS1	LCS	104.98	100.00	mg/kg	105		75 - 125		
Selenium	B002892-BS1	LCS	9.6266	10.000	mg/kg	96.3		75 - 125		
Silver	B002892-BS1	LCS	9.5441	10.000	mg/kg	95.4		75 - 125		
Thallium	B002892-BS1	LCS	110.79	100.00	mg/kg	111		75 - 125		
Vanadium	B002892-BS1	LCS	101.73	100.00	mg/kg	102		75 - 125		
Zinc	B002892-BS2	LCS	100.89	100.00	mg/kg	101		75 - 125		

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Project: Soil Samples
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Project Manager: Jake Hurley

Total Concentrations (TTLIC)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Quals. Includes QC Batch IDs B002810 and B002892.

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Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab Quals
								Percent Recovery	Percent Recovery	
QC Batch ID: B002892		Used client sample: Y - Description: RB1-2.5, 01/19/2018 00:00								
Selenium	DUP	1802481-01	ND	ND		mg/kg			20	
	MS	1802481-01	ND	8.1427	10.000	mg/kg		81.4		75 - 125
	MSD	1802481-01	ND	7.7159	10.000	mg/kg	5.4	77.2	20	75 - 125
Silver	DUP	1802481-01	0.095482	ND		mg/kg			20	
	MS	1802481-01	0.095482	7.9808	10.000	mg/kg		78.9		75 - 125
	MSD	1802481-01	0.095482	7.7887	10.000	mg/kg	2.4	76.9	20	75 - 125
Thallium	DUP	1802481-01	ND	ND		mg/kg			20	
	MS	1802481-01	ND	76.978	100.00	mg/kg		77.0		75 - 125
	MSD	1802481-01	ND	75.522	100.00	mg/kg	1.9	75.5	20	75 - 125
Vanadium	DUP	1802481-01	55.635	56.915		mg/kg	2.3		20	
	MS	1802481-01	55.635	136.75	100.00	mg/kg		81.1		75 - 125
	MSD	1802481-01	55.635	134.39	100.00	mg/kg	1.7	78.8	20	75 - 125
Zinc	DUP	1802481-01	118.65	120.68		mg/kg	1.7		20	
	MS	1802481-01	118.65	195.83	100.00	mg/kg		77.2		75 - 125
	MSD	1802481-01	118.65	193.98	100.00	mg/kg	0.9	75.3	20	75 - 125

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Project: Soil Samples
Project Number: 17-05056 - 215/222 Palm St., 534 Santa Clara St.
Project Manager: Jake Hurley

Notes And Definitions

- J Estimated Value (CLP Flag)
- MDL Method Detection Limit
- ND Analyte Not Detected
- PQL Practical Quantitation Limit
- A01 Detection and quantitation limits are raised due to sample dilution.
- A07 Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
- A52 Chromatogram not typical of diesel.
- A57 Chromatogram not typical of motor oil.
- Q01 Sample precision is not within the control limits.
- Q03 Matrix spike recovery(s) is(are) not within the control limits.
- S09 The surrogate recovery on the sample for this compound was not within the control limits.

Appendix C

Johnson & Ettinger Health Risk Assessment Calculations

Department of Toxic Substances Control Vapor Intrusion Screening Model - Soil Gas

Scenario: Residential
Chemical: Tetrachloroethylene

DATA ENTRY SHEET

Reset to Defaults

Soil Gas Concentration Data				
ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Soil gas conc., C _g (µg/m ³)	OR	ENTER Soil gas conc., C _g (ppmv)	Chemical
127184	2.49E+03			Tetrachloroethylene

Results Summary				
Soil Gas Conc. (µg/m ³)	Attenuation Factor (unitless)	Indoor Air Conc. (µg/m ³)	Cancer Risk	Noncancer Hazard
2.49E+03	1.0E-03	2.5E+00	5.4E-06	7.0E-02

MORE
↓

ENTER Depth below grade to bottom of enclosed space floor, L _F (15 or 200 cm)	ENTER Soil gas sampling depth below grade, L _s (cm)	ENTER Average soil temperature, T _S (°C)	ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vadose zone soil vapor permeability, k _v (cm ²)
15	152.4	24	S		

MORE
↓

ENTER Vadose zone SCS soil type Lookup Soil Parameters	ENTER Vadose zone soil dry bulk density, ρ _b ^A (g/cm ³)	ENTER Vadose zone soil total porosity, n ^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ _w ^V (cm ³ /cm ³)		ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q _{soil} (L/m)
S	1.66	0.375	0.054		5

MORE
↓

Lookup Receptor
Parameters

ENTER Averaging time for carcinogens, AT _C (yrs)	ENTER Averaging time for noncarcinogens, AT _{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH (hour) ⁻¹
70	26	26	350	24 (NEW)	0.5 (NEW)

NEW=> Residential

END

CHEMICAL PROPERTIES SHEET

Tetrachloroethylene

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($\text{atm}\cdot\text{m}^3/\text{mol}$)	Henry's law constant reference temperature, T_R ($^\circ\text{C}$)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B ($^\circ\text{K}$)	Critical temperature, T_C ($^\circ\text{K}$)	Unit risk factor, URF ($\mu\text{g}/\text{m}^3$) ⁻¹	Reference conc., RfC (mg/m^3)	Molecular weight, MW (g/mol)
5.05E-02	9.46E-06	1.77E-02	25	8,288	394.40	620.20	5.9E-06	3.5E-02	165.83

END

INTERMEDIATE CALCULATIONS SHEET

Scenario: Residential

Chemical: Tetrachloroethylene

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm ³ /cm ³)	Vadose zone effective total fluid saturation, S_{te} (cm ³ /cm ³)	Vadose zone soil intrinsic permeability, k_i (cm ²)	Vadose zone soil relative air permeability, k_{rg} (cm ²)	Vadose zone soil effective vapor permeability, k_v (cm ²)	Floor-wall seam perimeter, X_{crack} (cm)	Soil gas conc. (μg/m ³)	Bldg. ventilation rate, $Q_{building}$ (cm ³ /s)
137.4	0.321	0.003	1.02E-07	0.998	1.01E-07	4,000	2.49E+03	3.39E+04

Area of enclosed space below grade, A_B (cm ²)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. soil temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. soil temperature, H_{TS} (atm-m ³ /mol)	Henry's law constant at ave. soil temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D_v^{eff} (cm ² /s)	Diffusion path length, L_d (cm)
1.00E+06	5.00E-03	15	9,410	1.68E-02	6.88E-01	1.80E-04	8.16E-03	137.4

Convection path length, L_p (cm)	Source vapor conc., C_{source} (μg/m ³)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm ³ /s)	Crack effective diffusion coefficient, D^{crack} (cm ² /s)	Area of crack, A_{crack} (cm ²)	Exponent of equivalent foundation Peclet number, $\exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ (μg/m ³)
15	2.49E+03	1.25	8.33E+01	8.16E-03	5.00E+03	7.45E+08	1.02E-03	2.55E+00

Unit risk factor, URF (μg/m ³) ⁻¹	Reference conc., RfC (mg/m ³)
5.9E-06	3.5E-02

5.9E-06	3.5E-02
---------	---------

END

RESULTS SHEET

Scenario: Residential
Chemical: Tetrachloroethylene

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
5.4E-06	7.0E-02

MESSAGE SUMMARY BELOW:

END

Department of Toxic Substances Control Vapor Intrusion Screening Model - Soil Gas

Scenario: Residential
Chemical: Tetrachloroethylene

DATA ENTRY SHEET

Reset to Defaults

Soil Gas Concentration Data				
ENTER	ENTER	OR	ENTER	Chemical
Chemical CAS No. (numbers only, no dashes)	Soil gas conc., C_g ($\mu\text{g}/\text{m}^3$)		Soil gas conc., C_g (ppmv)	
127184	7.50E+02			Tetrachloroethylene

Results Summary				
Soil Gas Conc. ($\mu\text{g}/\text{m}^3$)	Attenuation Factor (unitless)	Indoor Air Conc. ($\mu\text{g}/\text{m}^3$)	Cancer Risk	Noncancer Hazard
7.50E+02	1.0E-03	7.7E-01	1.6E-06	2.1E-02

MORE
↓

ENTER	ENTER	ENTER	ENTER	OR	ENTER
Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	Soil gas sampling depth below grade, L_s (cm)	Average soil temperature, T_s (°C)	Vadose zone SCS soil type (used to estimate soil vapor permeability)		User-defined vadose zone soil vapor permeability, k_v (cm^2)
15	152.4	24	S		

MORE
↓

ENTER	ENTER	ENTER	ENTER	ENTER
Vadose zone SCS soil type Lookup Soil Parameters	Vadose zone soil dry bulk density, ρ_b^A (g/cm^3)	Vadose zone soil total porosity, n^V (unitless)	Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)	Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
S	1.66	0.375	0.054	5

MORE
↓

Lookup Receptor Parameters

ENTER	ENTER	ENTER	ENTER	ENTER	ENTER
Averaging time for carcinogens, AT_C (yrs)	Averaging time for noncarcinogens, AT_{NC} (yrs)	Exposure duration, ED (yrs)	Exposure frequency, EF (days/yr)	Exposure Time ET (hrs/day)	Air Exchange Rate ACH (hour^{-1})
70	26	26	350	24 (NEW)	0.5 (NEW)

NEW=> Residential

END

CHEMICAL PROPERTIES SHEET

Tetrachloroethylene

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($\text{atm}\cdot\text{m}^3/\text{mol}$)	Henry's law constant reference temperature, T_R ($^\circ\text{C}$)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B ($^\circ\text{K}$)	Critical temperature, T_C ($^\circ\text{K}$)	Unit risk factor, URF ($\mu\text{g}/\text{m}^3$) ⁻¹	Reference conc., RfC (mg/m^3)	Molecular weight, MW (g/mol)
5.05E-02	9.46E-06	1.77E-02	25	8,288	394.40	620.20	5.9E-06	3.5E-02	165.83

END

INTERMEDIATE CALCULATIONS SHEET

Scenario: Residential

Chemical: Tetrachloroethylene

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^2/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Floor-wall seam perimeter, X_{crack} (cm)	Soil gas conc., ($\mu\text{g}/\text{m}^3$)	Bldg. ventilation rate, $Q_{building}$ (cm^3/s)
137.4	0.321	0.003	1.02E-07	0.998	1.01E-07	4,000	7.50E+02	3.39E+04

Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. soil temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. soil temperature, H_{TS} (atm- m^3/mol)	Henry's law constant at ave. soil temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D_v^{eff} (cm^2/s)	Diffusion path length, L_d (cm)
1.00E+06	5.00E-03	15	9,410	1.68E-02	6.88E-01	1.80E-04	8.16E-03	137.4

Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu\text{g}/\text{m}^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $\exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu\text{g}/\text{m}^3$)
15	7.50E+02	1.25	8.33E+01	8.16E-03	5.00E+03	7.45E+08	1.02E-03	7.67E-01

Unit risk factor, URF ($\mu\text{g}/\text{m}^3$) ⁻¹	Reference conc., RfC (mg/m^3)
5.9E-06	3.5E-02

END

RESULTS SHEET

Scenario: Residential
Chemical: Tetrachloroethylene

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
1.6E-06	2.1E-02

MESSAGE SUMMARY BELOW:

END

**Preliminary Drainage
and
Best Management Practices
Report**

**FOR
FILLMORE TERRACE
FILLMORE, CALIFORNIA**

Prepared for:

PEOPLE'S SELF HELP HOUSING

Prepared by:



2812 Santa Monica Blvd, Suite 206
Santa Monica, CA 90404

Contact Person:
Scott Uhles, P.E., Project Manager
JN 01-100241

July, 2020



TABLE OF CONTENTS

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LIST OF EXHIBITS

- Exhibit A – HYDROLOGY MAPS
- Exhibit B –HYDROLOGY
- Exhibit C – FEMA MAPS
- Exhibit D – WATER QUALITY



PURPOSE OF REPORT

The purpose of this report is to outline the existing drainage conditions of the project site and present a description of the post-project drainage conditions, drainage impacts, and proposed drainage improvements. Describe and analyze any significant on-site and off-site facilities, as applicable, in this report. Calculate the Peak 10-year storm water runoff, and analyze any potential 100-year flood impacts for the project. Analyze and review proposed storm drain facilities for compliance with local design criteria.

This report shall discuss how the proposed grading and drainage improvements for the project site will be in accordance with the requirements of the City of Fillmore and Ventura County storm water regulations. The scope of this study is limited to the drainage improvements within the subject area and the existing storm drain system on the site.

LOCATION

The subject project is located at the north west corner of Highway 126 and Palm Street, bound on the north by Santa Clara Street and the west by an alley. APN: 053-0-093-010, 020, 035, 040, and 160.

BACKGROUND

The applicant proposes to develop several lots that total approximately 1.442 acres in size for Low Income housing. The proposed Improvement will consist of one building covering 51,302 SF and landscaping that will surround the building with proposed impervious areas covering 77% of the site that will be developed.

Presently, the site generally slopes from the north to the south. Total relief across the project site is approximately 10 feet, ranging from elevation 461 to 451. The property drains into Highway 126 and eventually into the storm drain system.

METHOD OF ANALYSIS

The hydrologic analysis was based on research that included on-site investigations, review of available approved off-site storm drain plans, and review of aerial and field-surveyed topography. Hydraulic analysis of all drainage facilities began with a definition of drainage patterns and design flows based on the design criteria for those specific facilities.

Watershed subarea boundaries were defined based on proposed drainage patterns and drainage system layouts. The tributary area of each subarea was calculated to the nearest hundredth of an acre. Site characteristics such as soil number, rainfall zone, and land use were identified based on information taken from the Hydrology manual.

The 50-year storm information was calculated using the Rational Method with the use of the County HydroCalc software. Site properties were inputs into the program which generated Peak runoff values for all storm events.

DETENTION

The Project is located just over 1000 ft from the Santa Clara River. Given our onsite Time of Concentration of 5 minutes and the time it will take for our onsite peak discharge to reach the Santa Clara River, there will be a significant offset in overall watershed peak flows with the peak flows from the Project. This timing difference in the peak flows allow the project to discharge non mitigated flows and also meet the intent of not contributing to downstream erosion or capacity issues and therefore no detention will be required for this Project.

STORMWATER QUALITY

The City requires all new development within the city to incorporate stormwater quality control measures into the improvement plans as part of the County Storm Water Quality Urban Impact Mitigation Management Plan (SQUIMP), as developed by the municipalities in Ventura County to meet the requirements contained in Part 4, Section E of the Ventura Regional Water Quality Control Board NPDES Permit No. CAS004002, Order 2010-0108. The Ventura County Technical Guidance Manual, 2011 shall be used to demonstrate how the proposed BMPS for this project meet the design criteria of the SQUIMP.

The project is a new development that is greater than 1 acre in size and proposes to add more than 10,000 square feet of impervious surface area and therefore falls into one of the categories making it applicable to comply with conditioning approval for the design and implementation of post-construction

stormwater management control measures as contained in subpart 4.E.11 or Order R4-2010-0108.

The overall design concept was established to allow water to be treated through a combination of Point Source and Treatment Train treatment methods. The “treatment train” allows for improved levels of pollutant removals by providing more than one method of removing pollutants and providing them in successive order. Providing more than one treatment method to treat runoff ensures that pollutants are captured with a higher success rate.

The treatment train process begins with routine maintenance on the grounds. Some drainage areas drain to grated inlets with filter inserts which prevent large trash from entering the storm drain system and are visible and accessible to maintenance crews.

Water from the building’s roof will be routed to BMP planter boxes that will line the exterior of the building and be sized to the storm water quality volume of water. Given the nature of the site and recommendations from the project geotechnical engineer, the site will not be permitted to infiltrate water into the soil and there is not sufficient landscape to utilize an onsite re-use system for irrigation.

The proposed planter boxes will be sized to treat 10% of the Q50 or approximately 1cfs. An internal bypass system allows high flows to pass through the system and be safely discharged to the public streets.

100-YR FLOOD PROTECTION

Overall, the 100-yr overflow path matches existing conditions, where flows are in the southwest direction towards Highway 126. Review of FEMA’s NFIP Flood Insurance Rate Maps shows the project within Map Number 060415, Effective Date January 1, 2010. The site is located in Zone X. Zone X areas are defined as areas with a 0.2% annual chance of flood.

CONCLUSIONS

As shown in the proposed grading plans, storm water drainage will be routed via gutters and swales to drainage inlets and underground pipe facilities and ultimately be discharged the public streets.

The proposed grading and drainage infrastructure shown on the Site Plan should provide for adequate drainage from the site. Secondary overland escape has also been provided which mimics existing conditions in the event that the primary drainage pathways are blocked or fail. This is to ensure that the proposed onsite structures are protected from flooding during a 100-year storm event.

Proposed drainage control facilities will improve stormwater water quality by treating approximately 95% of the site area runoff prior to discharge from the site. The remaining 5% are landscape areas located at the perimeter of the site. The use of filter inserts, bio filtration, in addition to proprietary products employing screening technology to remove gross pollutants, allows the project to meet required standards.

Drainage from the project site will be controlled in a manner, which will allow the project to occur as intended without conflicting with any applicable State, County, or City of Fillmore regulations and without adversely affecting adjacent properties and/or the project itself.

REFERENCES

- Ventura County Hydrology Manual, 2017
- FEMA, National Flood Insurance Rate Maps
- NPDES Permit No. CA 5004002 Order 2010-0108





EXHIBIT A
HYDROLOGY MAPS

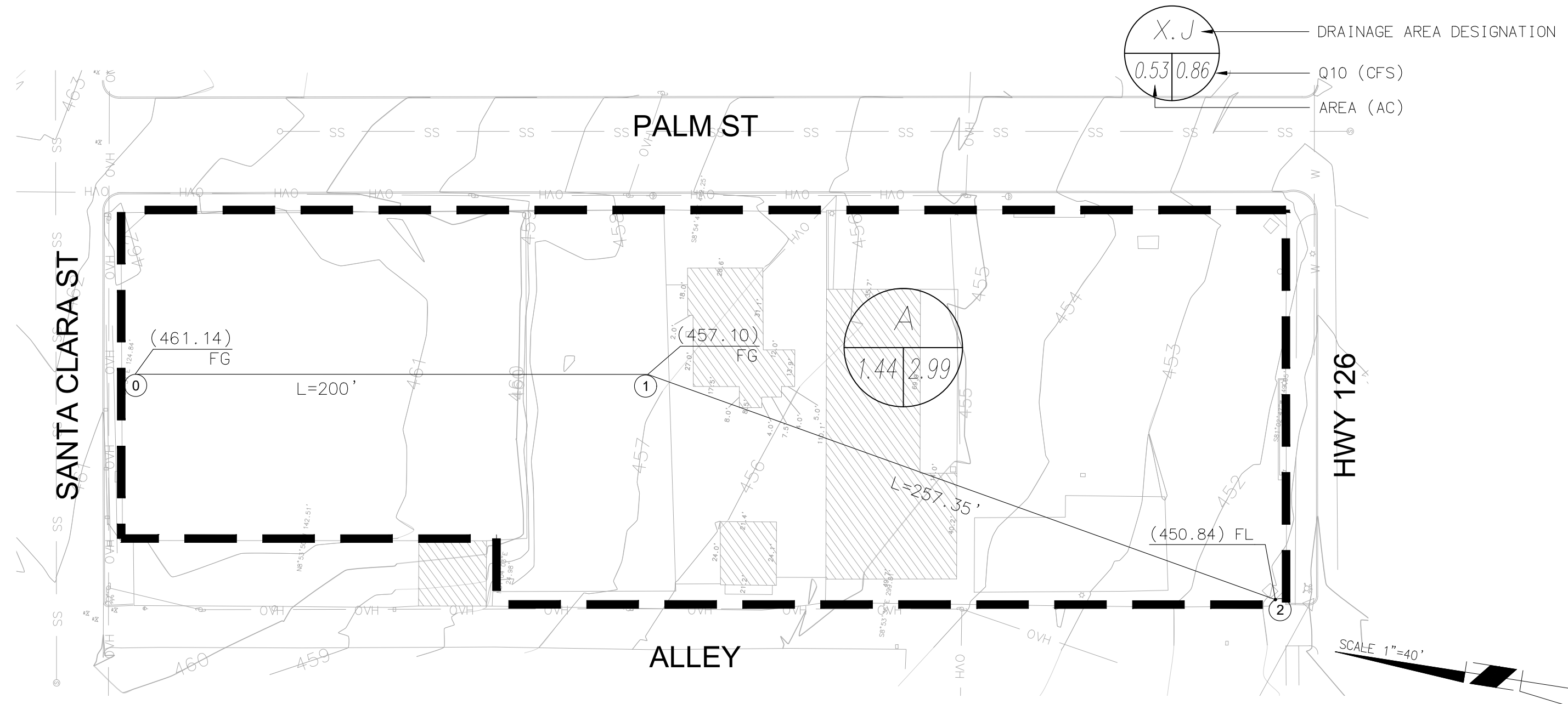


www.DelaneEngineering.com | Info@DelaneGroup.com

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LEGEND

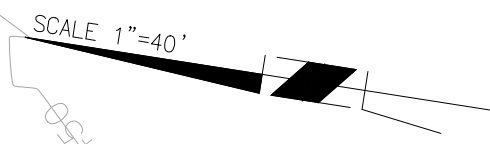
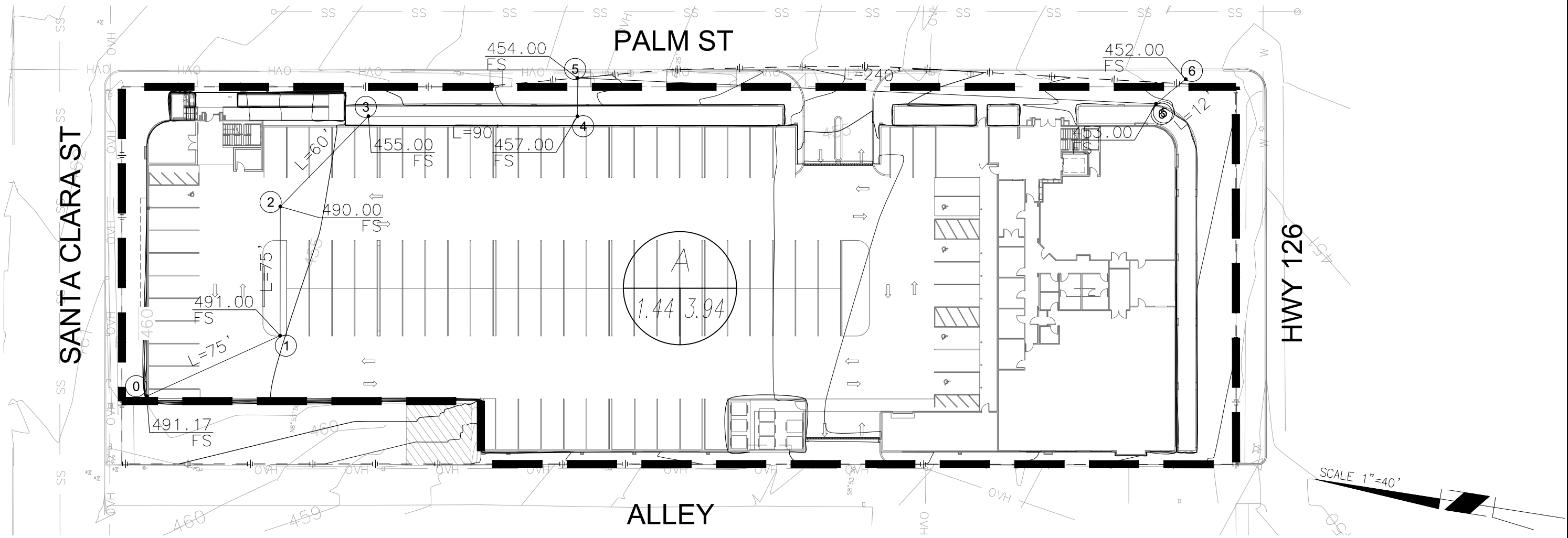
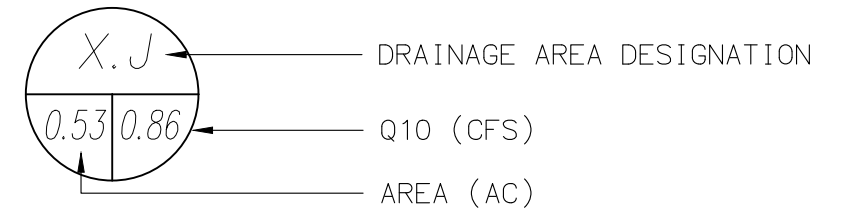
- EXISTING WATERSHED BOUNDARY 
- FLOW DIRECTION 
- EXISTING CONTOUR  12
- CONCENTRATION POINT 



FILMORE TERRACE	
 <p style="font-size: small; margin: 0;"> PREPARED BY DELANE ENGINEERING 2813 SANTA MONICA BLVD., SUITE 208 SANTA MONICA, CA 90404 PHONE: 310.546.5711 WWW.DELANEENGINEERING.COM </p>	<p style="font-size: large; font-weight: bold; margin: 0;">EXISTING CONDITION</p> <p style="font-size: x-small; margin: 0;"> DRN BY: TN DES BY: SU CK'D BY: SU PROJ. NUMBER 10-10241 </p>
OF 1	

LEGEND

- EXISTING WATERSHED BOUNDARY 
- FLOW DIRECTION 
- EXISTING CONTOUR 
- CONCENTRATION POINT 




FILMORE TERRACE	
 DELANE ENGINEERING	PREPARED BY DEVELOPED CONDITION
DRN BY: TN PROJ. NUMBER 10-10241	DES BY: SU CK'D BY: SU OF 1

EXHIBIT B
HYDROLOGY



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VENTURA COUNTY WATERSHED PROTECTION DISTRICT
TIME OF CONCENTRATION
TC Program Version: 2.64.0.37
Project: Fillmore Terrace
Date: 12:00:00 AM
Engineer: S. Uhles
Consultant: Delane Engineering

SUMMARY OF COMPUTATIONS

Watershed Name: Watershed - Existing

Name	Zone	Storm	Soil	Area (acres)	TC (min)
SubArea A	K	10	4.60	1.5 / 2	9.049 / 9
SubArea A	K	25	4.60	1.5 / 2	7.289 / 7
SubArea A	K	50	4.60	1.5 / 2	6.336 / 6
SubArea A	K	100	4.60	1.5 / 2	TC ERROR

Watershed Name: Watershed - Existing

Sub-Area Name: SubArea A
Computing Tc for all rainfall frequencies for sub-area SubArea A...

Tc for frequency = 10.00: 9.049 Minutes
DATA FOR SUB AREA 1

SUB AREA TIME OF CONCENTRATION: 9.049 min. = 9 min.

SUB AREA INPUT DATA

Sub Area Name: SubArea A
Total Area (ac): 1.52
Flood Zone: 2
Rainfall Zone: K
Storm Frequency (years): 10
Development Type: Undeveloped
Soil Type: 4.60
Percent Impervious: 23
SUB AREA OUTPUT

Intensity (in/hr): 2.680
C Total: 0.734
Sum Q Segments (cfs): 2.99
Q Total (cfs): 2.99
Sum Percent Area (%): 100.0
Sum of Flow Path Travel Times (sec): 542.93
Time of Concentration (min): 9.049

DATA FOR FLOW PATH 1

Flow Path Name: FlowPath 1
FLOW PATH TRAVEL TIME (min): 7.9814
Flow Type: Overland
Length (ft): 200
Top Elevation (ft): 462
Bottom Elevation (ft): 458

Contributing Area (acres): 0.58
Percent of Sub-Area (%): 38.2
Overland Type: Valley
Development Type: Undeveloped
Map Slope: 0.0200
Effective Slope: 0.0200
Q for Flow Path (cfs): 1.14
Avg Velocity (ft/s): 0.42
Passed Scour Check: YES
Scour Velocity (ft/sec): 2.14
DATA FOR FLOW PATH 2

Flow Path Name: FlowPath 2
FLOW PATH TRAVEL TIME (min): 1.0674
Flow Type: Natural Channel
Length (ft): 266
Top Elevation (ft): 458
Bottom Elevation (ft): 451
Contributing Area (acres): 0.94
Percent of Sub-Area (%): 61.8
Overland Type: Valley
Map Slope: 0.0263
Effective Slope: 0.0263
Q for Flow Path (cfs): 1.85
Q Top (cfs): 1.14
Q Bottom (cfs): 2.99
Velocity Top (ft/s): 2.49
Velocity Bottom (ft/s): 3.04
Avg Velocity (ft/s): 2.77
Wave Velocity (ft/s): 4.15

Tc for frequency = 25.00: 7.289 Minutes

DATA FOR SUB AREA 1

SUB AREA TIME OF CONCENTRATION: 7.289 min. = 7 min.

SUB AREA INPUT DATA

Sub Area Name: SubArea A
Total Area (ac): 1.52
Flood Zone: 2
Rainfall Zone: K
Storm Frequency (years): 25
Development Type: Undeveloped
Soil Type: 4.60
Percent Impervious: 23
SUB AREA OUTPUT

Intensity (in/hr): 3.454
C Total: 0.769
Sum Q Segments (cfs): 4.04
Q Total (cfs): 4.04
Sum Percent Area (%): 100.0
Sum of Flow Path Travel Times (sec): 437.37
Time of Concentration (min): 7.289

DATA FOR FLOW PATH 1

Flow Path Name: FlowPath 1
FLOW PATH TRAVEL TIME (min): 6.2882
Flow Type: Overland
Length (ft): 200
Top Elevation (ft): 462
Bottom Elevation (ft): 458
Contributing Area (acres): 0.58
Percent of Sub-Area (%): 38.2
Overland Type: Valley
Development Type: Undeveloped
Map Slope: 0.0200
Effective Slope: 0.0200

Q for Flow Path (cfs): 1.54

Avg Velocity (ft/s): 0.53

Passed Scour Check: YES

Scour Velocity (ft/sec): 2.27

DATA FOR FLOW PATH 2

Flow Path Name: FlowPath 2

FLOW PATH TRAVEL TIME (min): 1.0013

Flow Type: Natural Channel

Length (ft): 266

Top Elevation (ft): 458

Bottom Elevation (ft): 451

Contributing Area (acres): 0.94

Percent of Sub-Area (%): 61.8

Overland Type: Valley

Map Slope: 0.0263

Effective Slope: 0.0263

Q for Flow Path (cfs): 2.50

Q Top (cfs): 1.54

Q Bottom (cfs): 4.04

Velocity Top (ft/s): 2.65

Velocity Bottom (ft/s): 3.26

Avg Velocity (ft/s): 2.95

Wave Velocity (ft/s): 4.43

Tc for frequency = 50.00: 6.336 Minutes

DATA FOR SUB AREA 1

SUB AREA TIME OF CONCENTRATION: 6.336 min. = 6 min.

SUB AREA INPUT DATA

Sub Area Name: SubArea A
Total Area (ac): 1.52
Flood Zone: 2
Rainfall Zone: K
Storm Frequency (years): 50
Development Type: Undeveloped
Soil Type: 4.60
Percent Impervious: 23
SUB AREA OUTPUT

Intensity (in/hr): 4.100
C Total: 0.786
Sum Q Segments (cfs): 4.90
Q Total (cfs): 4.90
Sum Percent Area (%): 100.0
Sum of Flow Path Travel Times (sec): 380.15
Time of Concentration (min): 6.336

DATA FOR FLOW PATH 1

Flow Path Name: FlowPath 1
FLOW PATH TRAVEL TIME (min): 5.3762
Flow Type: Overland
Length (ft): 200
Top Elevation (ft): 462
Bottom Elevation (ft): 458
Contributing Area (acres): 0.58
Percent of Sub-Area (%): 38.2
Overland Type: Valley
Development Type: Undeveloped
Map Slope: 0.0200
Effective Slope: 0.0200

Q for Flow Path (cfs): 1.87

Avg Velocity (ft/s): 0.62

Passed Scour Check: YES

Scour Velocity (ft/sec): 2.35

DATA FOR FLOW PATH 2

Flow Path Name: FlowPath 2

FLOW PATH TRAVEL TIME (min): 0.9596

Flow Type: Natural Channel

Length (ft): 266

Top Elevation (ft): 458

Bottom Elevation (ft): 451

Contributing Area (acres): 0.94

Percent of Sub-Area (%): 61.8

Overland Type: Valley

Map Slope: 0.0263

Effective Slope: 0.0263

Q for Flow Path (cfs): 3.03

Q Top (cfs): 1.87

Q Bottom (cfs): 4.90

Velocity Top (ft/s): 2.75

Velocity Bottom (ft/s): 3.41

Avg Velocity (ft/s): 3.08

Wave Velocity (ft/s): 4.62

Tc for frequency = 100.00: 4.973 Minutes

DATA FOR SUB AREA 1

SUB AREA TIME OF CONCENTRATION: 4.973 min. = 5 min. ** TC ERROR **

SUB AREA INPUT DATA

Sub Area Name: SubArea A
Total Area (ac): 1.52
Flood Zone: 2
Rainfall Zone: K
Storm Frequency (years): 100
Development Type: Undeveloped
Soil Type: 4.60
Percent Impervious: 23
SUB AREA OUTPUT

Intensity (in/hr): 5.100
C Total: 0.803
Sum Q Segments (cfs): 6.22
Q Total (cfs): 6.22
Sum Percent Area (%): 100.0
Sum of Flow Path Travel Times (sec): 298.36
Time of Concentration (min): 4.973

DATA FOR FLOW PATH 1

Flow Path Name: FlowPath 1
FLOW PATH TRAVEL TIME (min): 4.0634
Flow Type: Overland
Length (ft): 200
Top Elevation (ft): 462
Bottom Elevation (ft): 458
Contributing Area (acres): 0.58
Percent of Sub-Area (%): 38.2
Overland Type: Valley
Development Type: Undeveloped
Map Slope: 0.0200
Effective Slope: 0.0200

Q for Flow Path (cfs): 2.37
Avg Velocity (ft/s): 0.82
Passed Scour Check: YES
Scour Velocity (ft/sec): 2.46
DATA FOR FLOW PATH 2

Flow Path Name: FlowPath 2
FLOW PATH TRAVEL TIME (min): 0.9094
Flow Type: Natural Channel
Length (ft): 266
Top Elevation (ft): 458
Bottom Elevation (ft): 451
Contributing Area (acres): 0.94
Percent of Sub-Area (%): 61.8
Overland Type: Valley
Map Slope: 0.0263
Effective Slope: 0.0263
Q for Flow Path (cfs): 3.85
Q Top (cfs): 2.37
Q Bottom (cfs): 6.22
Velocity Top (ft/s): 2.89
Velocity Bottom (ft/s): 3.61
Avg Velocity (ft/s): 3.25
Wave Velocity (ft/s): 4.88

Watershed Name: Watershed - Developed

Sub-Area Name: SubArea A
Computing Tc for all rainfall frequencies for sub-area SubArea A...

Tc for frequency = 10.00: 4.586 Minutes
DATA FOR SUB AREA 1

SUB AREA TIME OF CONCENTRATION: 4.586 min. = 5 min. ** TC ERROR **

SUB AREA INPUT DATA

Sub Area Name: SubArea A
Total Area (ac): 1.178
Flood Zone: 2
Rainfall Zone: K
Storm Frequency (years): 10
Development Type: Residential
Soil Type: 4.60
Percent Impervious: 77
SUB AREA OUTPUT

Intensity (in/hr): 3.720
C Total: 0.898
Sum Q Segments (cfs): 3.94
Q Total (cfs): 3.94
Sum Percent Area (%): 100.0
Sum of Flow Path Travel Times (sec): 275.17
Time of Concentration (min): 4.586

DATA FOR FLOW PATH 1

Flow Path Name: FlowPath 1
FLOW PATH TRAVEL TIME (min): 3.3131
Flow Type: Overland
Length (ft): 80
Top Elevation (ft): 491.17
Bottom Elevation (ft): 491

Contributing Area (acres): 0.1963
Percent of Sub-Area (%): 16.7
Overland Type: Valley
Development Type: Residential
Map Slope: 0.0021
Effective Slope: 0.0021
Q for Flow Path (cfs): 0.66
Avg Velocity (ft/s): 0.40
Passed Scour Check: N/A
DATA FOR FLOW PATH 2

Flow Path Name: FlowPath 2
FLOW PATH TRAVEL TIME (min): 0.0339
Flow Type: Pipe
Length (ft): 75
Top Elevation (ft): 491
Bottom Elevation (ft): 490
Contributing Area (acres): 0.1963
Percent of Sub-Area (%): 16.7
Initial Pipe Diameter (in): 3
Calculated Pipe Diameter (in): 6
Used Pipe Diameter (in): 6
Manning's N: 0.0011
Map Slope: 0.0133
Q for Flow Path (cfs): 0.66
Q Top (cfs): 0.66
Q Bottom (cfs): 1.31
Avg Velocity (ft/s): 26.40
Wave Velocity (ft/s): 36.92
DATA FOR FLOW PATH 3

Flow Path Name: FlowPath 3
FLOW PATH TRAVEL TIME (min): 0.1196
Flow Type: Pipe
Length (ft): 75
Top Elevation (ft): 490
Bottom Elevation (ft): 455
Contributing Area (acres): 0
Percent of Sub-Area (%): 0.0

Initial Pipe Diameter (in): 6
Calculated Pipe Diameter (in): 9
Used Pipe Diameter (in): 9
Manning's N: 0.04
Map Slope: 0.4667
Q for Flow Path (cfs): 0.00
Q Top (cfs): 1.31
Q Bottom (cfs): 1.31
Avg Velocity (ft/s): 7.62
Wave Velocity (ft/s): 10.45
DATA FOR FLOW PATH 4

Flow Path Name: FlowPath 4
FLOW PATH TRAVEL TIME (min): 0.5761
Flow Type: Natural Channel
Length (ft): 90
Top Elevation (ft): 455
Bottom Elevation (ft): 454
Contributing Area (acres): 0.1928
Percent of Sub-Area (%): 16.4
Overland Type: Valley
Map Slope: 0.0111
Effective Slope: 0.0111
Q for Flow Path (cfs): 0.64
Q Top (cfs): 1.31
Q Bottom (cfs): 1.96
Velocity Top (ft/s): 1.67
Velocity Bottom (ft/s): 1.81
Avg Velocity (ft/s): 1.74
Wave Velocity (ft/s): 2.60
DATA FOR FLOW PATH 5

Flow Path Name: FlowPath 5
FLOW PATH TRAVEL TIME (min): 0.5359
Flow Type: Pipe
Length (ft): 240
Top Elevation (ft): 454
Bottom Elevation (ft): 453
Contributing Area (acres): 0.5926

Percent of Sub-Area (%): 50.3
Initial Pipe Diameter (in): 12
Calculated Pipe Diameter (in): 6
Used Pipe Diameter (in): 12
Manning's N: 0.0011
Map Slope: 0.0042
Q for Flow Path (cfs): 1.98
Q Top (cfs): 1.96
Q Bottom (cfs): 3.94
Avg Velocity (ft/s): 5.88
Wave Velocity (ft/s): 7.46
DATA FOR FLOW PATH 6

Flow Path Name: FlowPath 6
FLOW PATH TRAVEL TIME (min): 0.0075
Flow Type: Pipe
Length (ft): 12
Top Elevation (ft): 453
Bottom Elevation (ft): 452
Contributing Area (acres): 0
Percent of Sub-Area (%): 0.0
Initial Pipe Diameter (in): 12
Calculated Pipe Diameter (in): 6
Used Pipe Diameter (in): 12
Manning's N: 0.0011
Map Slope: 0.0833
Q for Flow Path (cfs): 0.00
Q Top (cfs): 3.94
Q Bottom (cfs): 3.94
Avg Velocity (ft/s): 18.90
Wave Velocity (ft/s): 26.59

Tc for frequency = 25.00: 3.544 Minutes

DATA FOR SUB AREA 1

SUB AREA TIME OF CONCENTRATION: 3.544 min. = 4 min. ** TC ERROR **

SUB AREA INPUT DATA

Sub Area Name: SubArea A
Total Area (ac): 1.178
Flood Zone: 2
Rainfall Zone: K
Storm Frequency (years): 25
Development Type: Residential
Soil Type: 4.60
Percent Impervious: 77
SUB AREA OUTPUT

Intensity (in/hr): 4.275
C Total: 0.902
Sum Q Segments (cfs): 4.54
Q Total (cfs): 4.54
Sum Percent Area (%): 100.0
Sum of Flow Path Travel Times (sec): 212.61
Time of Concentration (min): 3.544

DATA FOR FLOW PATH 1

Flow Path Name: FlowPath 1
FLOW PATH TRAVEL TIME (min): 2.6150
Flow Type: Overland
Length (ft): 80
Top Elevation (ft): 491.17
Bottom Elevation (ft): 491
Contributing Area (acres): 0.1963
Percent of Sub-Area (%): 16.7
Overland Type: Valley
Development Type: Residential
Map Slope: 0.0021
Effective Slope: 0.0021

Q for Flow Path (cfs): 0.76

Avg Velocity (ft/s): 0.51
Passed Scour Check: N/A
DATA FOR FLOW PATH 2

Flow Path Name: FlowPath 2
FLOW PATH TRAVEL TIME (min): 0.0325
Flow Type: Pipe
Length (ft): 75
Top Elevation (ft): 491
Bottom Elevation (ft): 490
Contributing Area (acres): 0.1963
Percent of Sub-Area (%): 16.7
Initial Pipe Diameter (in): 3
Calculated Pipe Diameter (in): 6
Used Pipe Diameter (in): 6
Manning's N: 0.0011
Map Slope: 0.0133
Q for Flow Path (cfs): 0.76
Q Top (cfs): 0.76
Q Bottom (cfs): 1.51
Avg Velocity (ft/s): 27.55
Wave Velocity (ft/s): 38.47
DATA FOR FLOW PATH 3

Flow Path Name: FlowPath 3
FLOW PATH TRAVEL TIME (min): 0.1164
Flow Type: Pipe
Length (ft): 75
Top Elevation (ft): 490
Bottom Elevation (ft): 455
Contributing Area (acres): 0
Percent of Sub-Area (%): 0.0
Initial Pipe Diameter (in): 6
Calculated Pipe Diameter (in): 9
Used Pipe Diameter (in): 9
Manning's N: 0.04
Map Slope: 0.4667
Q for Flow Path (cfs): 0.00

Q Top (cfs): 1.51
Q Bottom (cfs): 1.51
Avg Velocity (ft/s): 7.92
Wave Velocity (ft/s): 10.74
DATA FOR FLOW PATH 4

Flow Path Name: FlowPath 4
FLOW PATH TRAVEL TIME (min): 0.5594
Flow Type: Natural Channel
Length (ft): 90
Top Elevation (ft): 455
Bottom Elevation (ft): 454
Contributing Area (acres): 0.1928
Percent of Sub-Area (%): 16.4
Overland Type: Valley
Map Slope: 0.0111
Effective Slope: 0.0111
Q for Flow Path (cfs): 0.74
Q Top (cfs): 1.51
Q Bottom (cfs): 2.26
Velocity Top (ft/s): 1.71
Velocity Bottom (ft/s): 1.86
Avg Velocity (ft/s): 1.79
Wave Velocity (ft/s): 2.68
DATA FOR FLOW PATH 5

Flow Path Name: FlowPath 5
FLOW PATH TRAVEL TIME (min): 0.2129
Flow Type: Pipe
Length (ft): 240
Top Elevation (ft): 454
Bottom Elevation (ft): 453
Contributing Area (acres): 0.5926
Percent of Sub-Area (%): 50.3
Initial Pipe Diameter (in): 12
Calculated Pipe Diameter (in): 9
Used Pipe Diameter (in): 12
Manning's N: 0.0011
Map Slope: 0.0042

Q for Flow Path (cfs): 2.29
Q Top (cfs): 2.26
Q Bottom (cfs): 4.54
Avg Velocity (ft/s): 13.65
Wave Velocity (ft/s): 18.79
DATA FOR FLOW PATH 6

Flow Path Name: FlowPath 6
FLOW PATH TRAVEL TIME (min): 0.0073
Flow Type: Pipe
Length (ft): 12
Top Elevation (ft): 453
Bottom Elevation (ft): 452
Contributing Area (acres): 0
Percent of Sub-Area (%): 0.0
Initial Pipe Diameter (in): 12
Calculated Pipe Diameter (in): 6
Used Pipe Diameter (in): 12
Manning's N: 0.0011
Map Slope: 0.0833
Q for Flow Path (cfs): 0.00
Q Top (cfs): 4.54
Q Bottom (cfs): 4.54
Avg Velocity (ft/s): 19.92
Wave Velocity (ft/s): 27.47

Tc for frequency = 50.00: 3.103 Minutes

DATA FOR SUB AREA 1

SUB AREA TIME OF CONCENTRATION: 3.103 min. = 3 min. ** TC ERROR **

SUB AREA INPUT DATA

Sub Area Name: SubArea A
Total Area (ac): 1.178
Flood Zone: 2
Rainfall Zone: K
Storm Frequency (years): 50
Development Type: Residential
Soil Type: 4.60
Percent Impervious: 77
SUB AREA OUTPUT

Intensity (in/hr): 5.900
C Total: 0.908
Sum Q Segments (cfs): 6.31
Q Total (cfs): 6.31
Sum Percent Area (%): 100.0
Sum of Flow Path Travel Times (sec): 186.20
Time of Concentration (min): 3.103

DATA FOR FLOW PATH 1

Flow Path Name: FlowPath 1
FLOW PATH TRAVEL TIME (min): 2.2379
Flow Type: Overland
Length (ft): 80
Top Elevation (ft): 491.17
Bottom Elevation (ft): 491
Contributing Area (acres): 0.1963
Percent of Sub-Area (%): 16.7
Overland Type: Valley
Development Type: Residential
Map Slope: 0.0021
Effective Slope: 0.0021

Q for Flow Path (cfs): 1.05

Avg Velocity (ft/s): 0.60

Passed Scour Check: N/A

DATA FOR FLOW PATH 2

Flow Path Name: FlowPath 2
FLOW PATH TRAVEL TIME (min): 0.0294
Flow Type: Pipe
Length (ft): 75
Top Elevation (ft): 491
Bottom Elevation (ft): 490
Contributing Area (acres): 0.1963
Percent of Sub-Area (%): 16.7
Initial Pipe Diameter (in): 3
Calculated Pipe Diameter (in): 6
Used Pipe Diameter (in): 6
Manning's N: 0.0011
Map Slope: 0.0133
Q for Flow Path (cfs): 1.05
Q Top (cfs): 1.05
Q Bottom (cfs): 2.10
Avg Velocity (ft/s): 30.25
Wave Velocity (ft/s): 42.58
DATA FOR FLOW PATH 3

Flow Path Name: FlowPath 3
FLOW PATH TRAVEL TIME (min): 0.1106
Flow Type: Pipe
Length (ft): 75
Top Elevation (ft): 490
Bottom Elevation (ft): 455
Contributing Area (acres): 0
Percent of Sub-Area (%): 0.0
Initial Pipe Diameter (in): 6
Calculated Pipe Diameter (in): 9
Used Pipe Diameter (in): 9
Manning's N: 0.04
Map Slope: 0.4667
Q for Flow Path (cfs): 0.00

Q Top (cfs): 2.10
Q Bottom (cfs): 2.10
Avg Velocity (ft/s): 8.58
Wave Velocity (ft/s): 11.30
DATA FOR FLOW PATH 4

Flow Path Name: FlowPath 4
FLOW PATH TRAVEL TIME (min): 0.5219
Flow Type: Natural Channel
Length (ft): 90
Top Elevation (ft): 455
Bottom Elevation (ft): 454
Contributing Area (acres): 0.1928
Percent of Sub-Area (%): 16.4
Overland Type: Valley
Map Slope: 0.0111
Effective Slope: 0.0111
Q for Flow Path (cfs): 1.03
Q Top (cfs): 2.10
Q Bottom (cfs): 3.14
Velocity Top (ft/s): 1.83
Velocity Bottom (ft/s): 2.00
Avg Velocity (ft/s): 1.92
Wave Velocity (ft/s): 2.87
DATA FOR FLOW PATH 5

Flow Path Name: FlowPath 5
FLOW PATH TRAVEL TIME (min): 0.1969
Flow Type: Pipe
Length (ft): 240
Top Elevation (ft): 454
Bottom Elevation (ft): 453
Contributing Area (acres): 0.5926
Percent of Sub-Area (%): 50.3
Initial Pipe Diameter (in): 12
Calculated Pipe Diameter (in): 9
Used Pipe Diameter (in): 12
Manning's N: 0.0011
Map Slope: 0.0042

Q for Flow Path (cfs): 3.17
Q Top (cfs): 3.14
Q Bottom (cfs): 6.31
Avg Velocity (ft/s): 14.94
Wave Velocity (ft/s): 20.31
DATA FOR FLOW PATH 6

Flow Path Name: FlowPath 6
FLOW PATH TRAVEL TIME (min): 0.0067
Flow Type: Pipe
Length (ft): 12
Top Elevation (ft): 453
Bottom Elevation (ft): 452
Contributing Area (acres): 0
Percent of Sub-Area (%): 0.0
Initial Pipe Diameter (in): 12
Calculated Pipe Diameter (in): 6
Used Pipe Diameter (in): 12
Manning's N: 0.0011
Map Slope: 0.0833
Q for Flow Path (cfs): 0.00
Q Top (cfs): 6.31
Q Bottom (cfs): 6.31
Avg Velocity (ft/s): 21.92
Wave Velocity (ft/s): 29.96

Tc for frequency = 100.00: 2.563 Minutes

DATA FOR SUB AREA 1

SUB AREA TIME OF CONCENTRATION: 2.563 min. = 3 min. ** TC ERROR **

SUB AREA INPUT DATA

Sub Area Name: SubArea A
Total Area (ac): 1.178
Flood Zone: 2
Rainfall Zone: K
Storm Frequency (years): 100
Development Type: Residential
Soil Type: 4.60
Percent Impervious: 77
SUB AREA OUTPUT

Intensity (in/hr): 5.440
C Total: 0.907
Sum Q Segments (cfs): 5.81
Q Total (cfs): 5.81
Sum Percent Area (%): 100.0
Sum of Flow Path Travel Times (sec): 153.76
Time of Concentration (min): 2.563

DATA FOR FLOW PATH 1

Flow Path Name: FlowPath 1
FLOW PATH TRAVEL TIME (min): 1.6830
Flow Type: Overland
Length (ft): 80
Top Elevation (ft): 491.17
Bottom Elevation (ft): 491
Contributing Area (acres): 0.1963
Percent of Sub-Area (%): 16.7
Overland Type: Valley
Development Type: Residential
Map Slope: 0.0021
Effective Slope: 0.0021

Q for Flow Path (cfs): 0.97

Avg Velocity (ft/s): 0.79

Passed Scour Check: N/A

DATA FOR FLOW PATH 2

Flow Path Name: FlowPath 2
FLOW PATH TRAVEL TIME (min): 0.0300
Flow Type: Pipe
Length (ft): 75
Top Elevation (ft): 491
Bottom Elevation (ft): 490
Contributing Area (acres): 0.1963
Percent of Sub-Area (%): 16.7
Initial Pipe Diameter (in): 3
Calculated Pipe Diameter (in): 6
Used Pipe Diameter (in): 6
Manning's N: 0.0011
Map Slope: 0.0133
Q for Flow Path (cfs): 0.97
Q Top (cfs): 0.97
Q Bottom (cfs): 1.94
Avg Velocity (ft/s): 29.62
Wave Velocity (ft/s): 41.72
DATA FOR FLOW PATH 3

Flow Path Name: FlowPath 3
FLOW PATH TRAVEL TIME (min): 0.1116
Flow Type: Pipe
Length (ft): 75
Top Elevation (ft): 490
Bottom Elevation (ft): 455
Contributing Area (acres): 0
Percent of Sub-Area (%): 0.0
Initial Pipe Diameter (in): 6
Calculated Pipe Diameter (in): 9
Used Pipe Diameter (in): 9
Manning's N: 0.04
Map Slope: 0.4667
Q for Flow Path (cfs): 0.00

Q Top (cfs): 1.94
Q Bottom (cfs): 1.94
Avg Velocity (ft/s): 8.39
Wave Velocity (ft/s): 11.20
DATA FOR FLOW PATH 4

Flow Path Name: FlowPath 4
FLOW PATH TRAVEL TIME (min): 0.5312
Flow Type: Natural Channel
Length (ft): 90
Top Elevation (ft): 455
Bottom Elevation (ft): 454
Contributing Area (acres): 0.1928
Percent of Sub-Area (%): 16.4
Overland Type: Valley
Map Slope: 0.0111
Effective Slope: 0.0111
Q for Flow Path (cfs): 0.95
Q Top (cfs): 1.94
Q Bottom (cfs): 2.89
Velocity Top (ft/s): 1.80
Velocity Bottom (ft/s): 1.96
Avg Velocity (ft/s): 1.88
Wave Velocity (ft/s): 2.82
DATA FOR FLOW PATH 5

Flow Path Name: FlowPath 5
FLOW PATH TRAVEL TIME (min): 0.2000
Flow Type: Pipe
Length (ft): 240
Top Elevation (ft): 454
Bottom Elevation (ft): 453
Contributing Area (acres): 0.5926
Percent of Sub-Area (%): 50.3
Initial Pipe Diameter (in): 12
Calculated Pipe Diameter (in): 9
Used Pipe Diameter (in): 12
Manning's N: 0.0011
Map Slope: 0.0042

Q for Flow Path (cfs): 2.92
Q Top (cfs): 2.89
Q Bottom (cfs): 5.81
Avg Velocity (ft/s): 14.53
Wave Velocity (ft/s): 20.00
DATA FOR FLOW PATH 6

Flow Path Name: FlowPath 6
FLOW PATH TRAVEL TIME (min): 0.0068
Flow Type: Pipe
Length (ft): 12
Top Elevation (ft): 453
Bottom Elevation (ft): 452
Contributing Area (acres): 0
Percent of Sub-Area (%): 0.0
Initial Pipe Diameter (in): 12
Calculated Pipe Diameter (in): 6
Used Pipe Diameter (in): 12
Manning's N: 0.0011
Map Slope: 0.0833
Q for Flow Path (cfs): 0.00
Q Top (cfs): 5.81
Q Bottom (cfs): 5.81
Avg Velocity (ft/s): 21.29
Wave Velocity (ft/s): 29.33

EXHIBIT C
FEMA MAPS



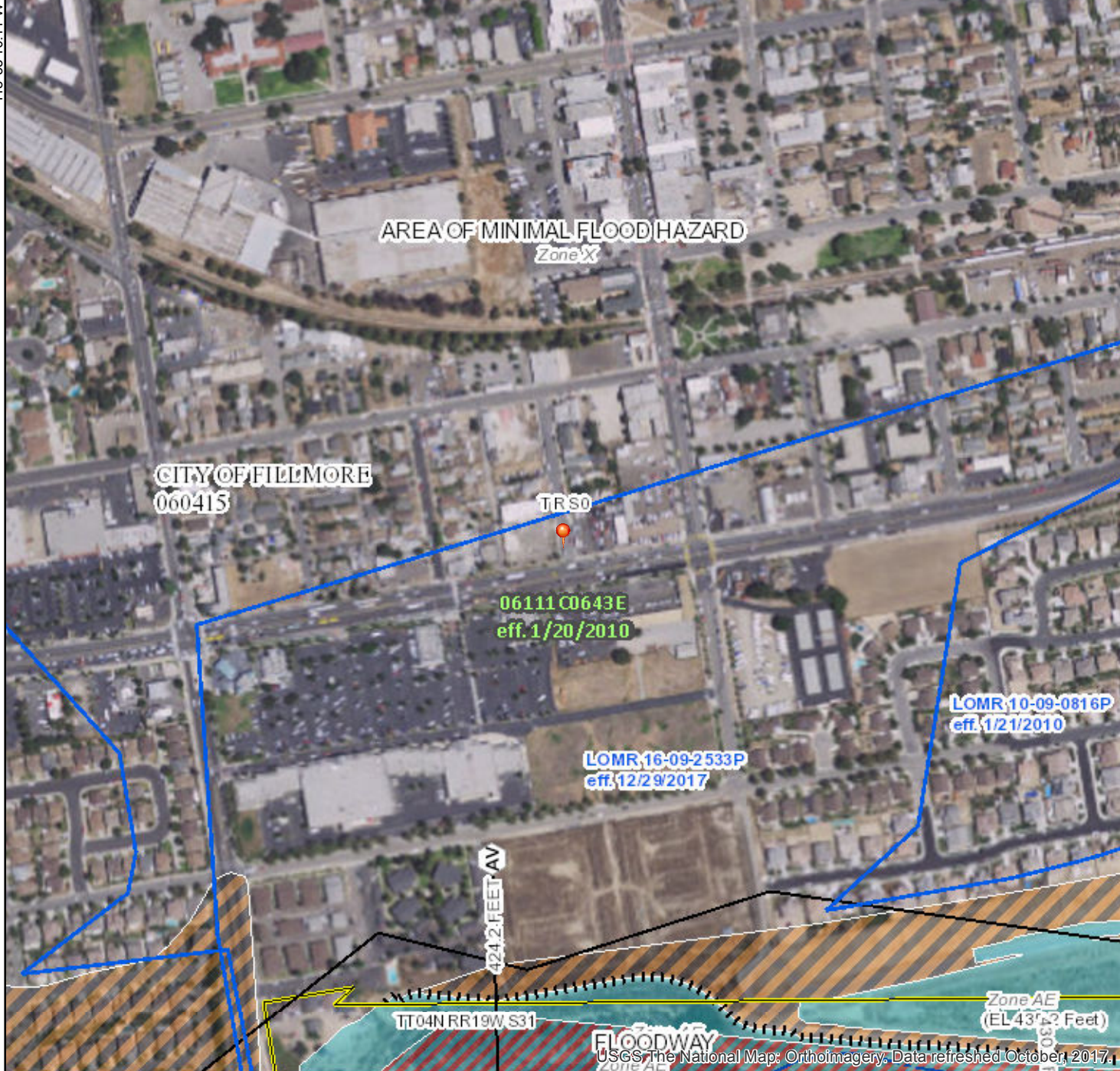
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National Flood Hazard Layer FIRMMette



34°24'3.94"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/18/2019 at 6:29:12 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

34°23'34.25"N

118°54'32.66"W

USGS The National Map: Orthoimagery. Data refreshed October, 2017.

EXHIBIT D
WATER QUALITY



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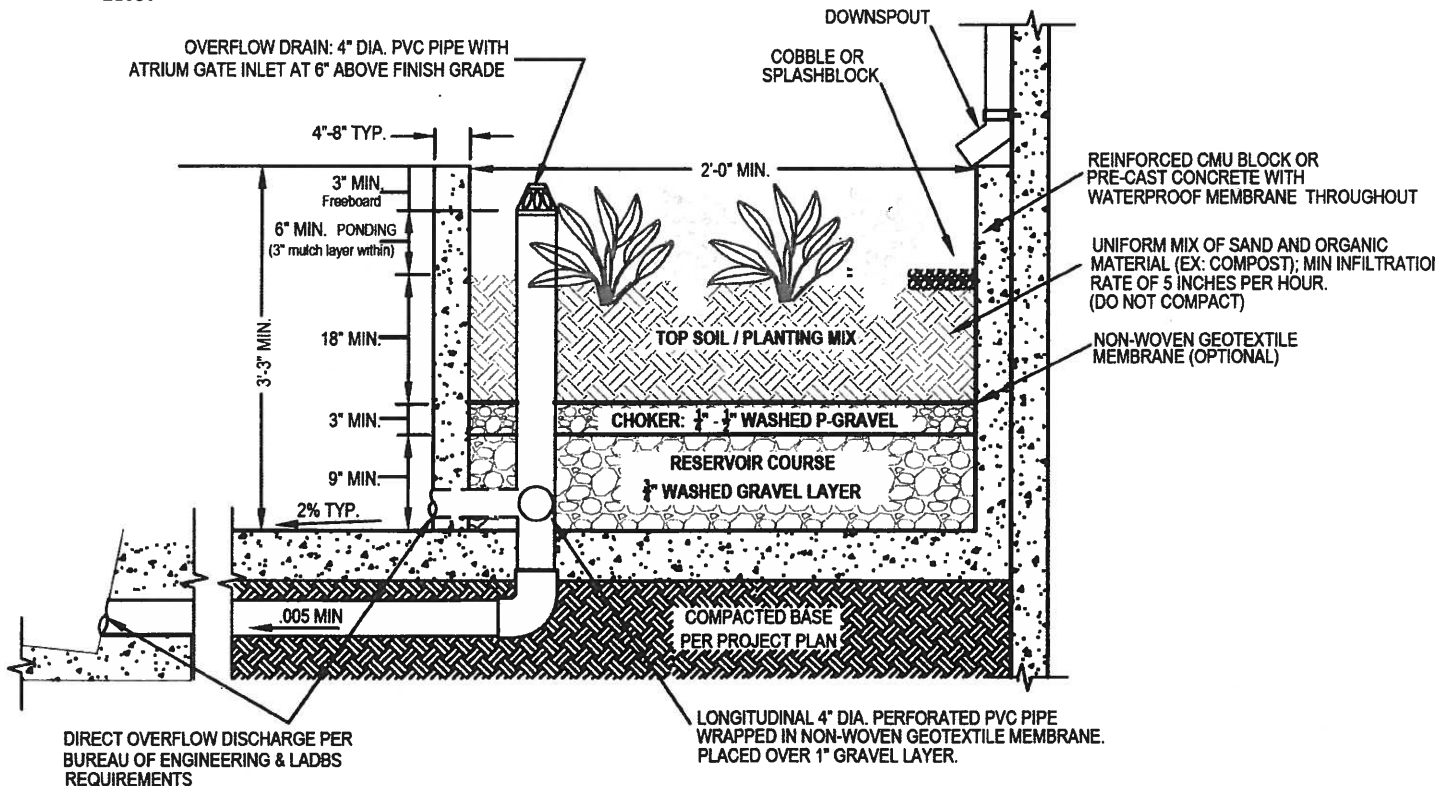
ATTACHMENT 1

Operation & Maintenance Plan – Planter Box

- Planters will undergo annual plant and soil maintenance typical of landscape care procedures to ensure optimum filtration, storage, and drainage capabilities.
- Planters have not been installed on elevated platforms, decks or porches without consulting local building code officials.
- The project is in full compliance with all applicable sections of the current municipal code, including drainage requirements per the Los Angeles Building and Safety Code
- Following rain events, planters will be inspected to ensure that standing water is not present in the planter for more than 72 hours (3 days). Ponded water that is not completely drained after 72 hours can cause vector breeding.
- Standing water will not remain for more than 3 days. Extended periods of flooding will not only kill vegetation, but may result in the breeding of mosquitoes or other vectors. If vector breeding occurs at a site as a result of contained stormwater or inadequately maintained BMPs, the Greater Los Angeles County Vector Control District has the ability to fine site owners for violating the California Health and Safety Code (Section 2060 – 2067).
- Pesticide additives will not be used in the planters.

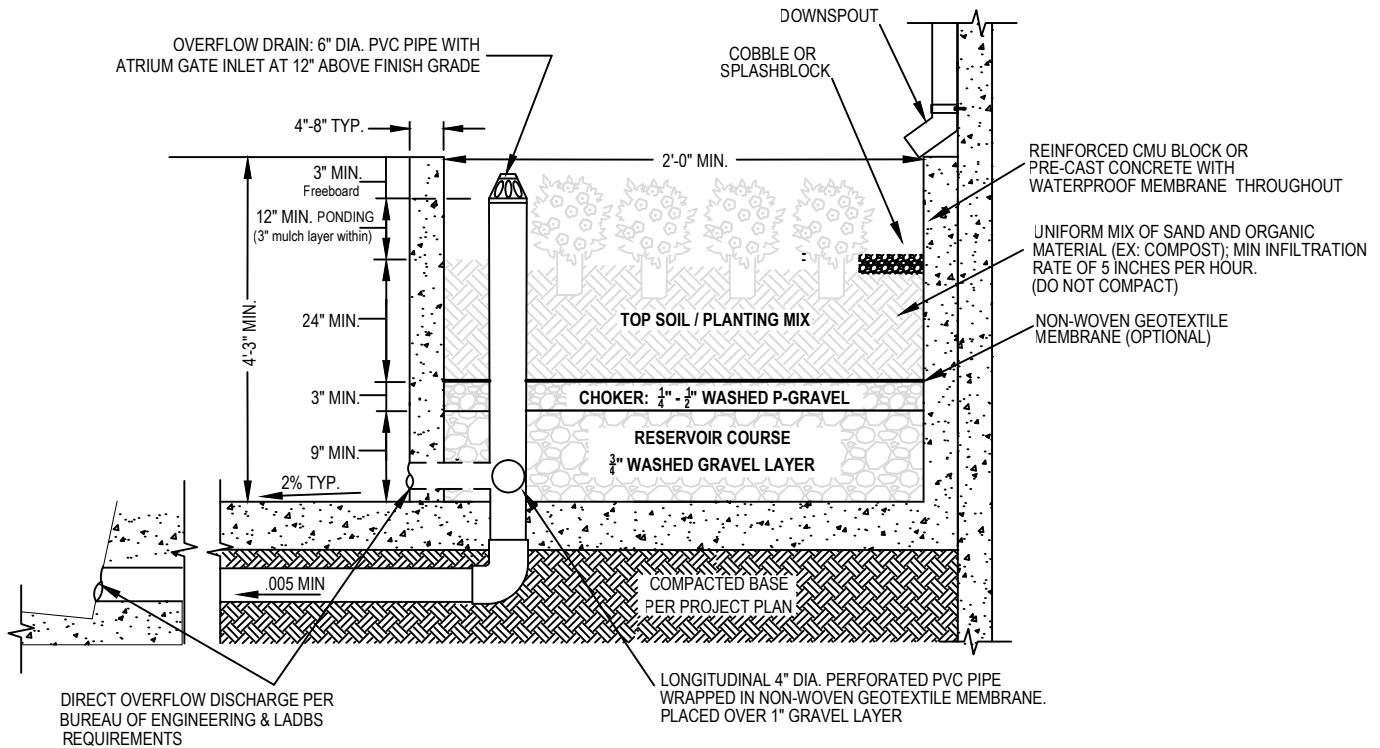
Maintenance Log

Keep a log of all inspection and maintenance performed on the planters. Keep this log on-site.

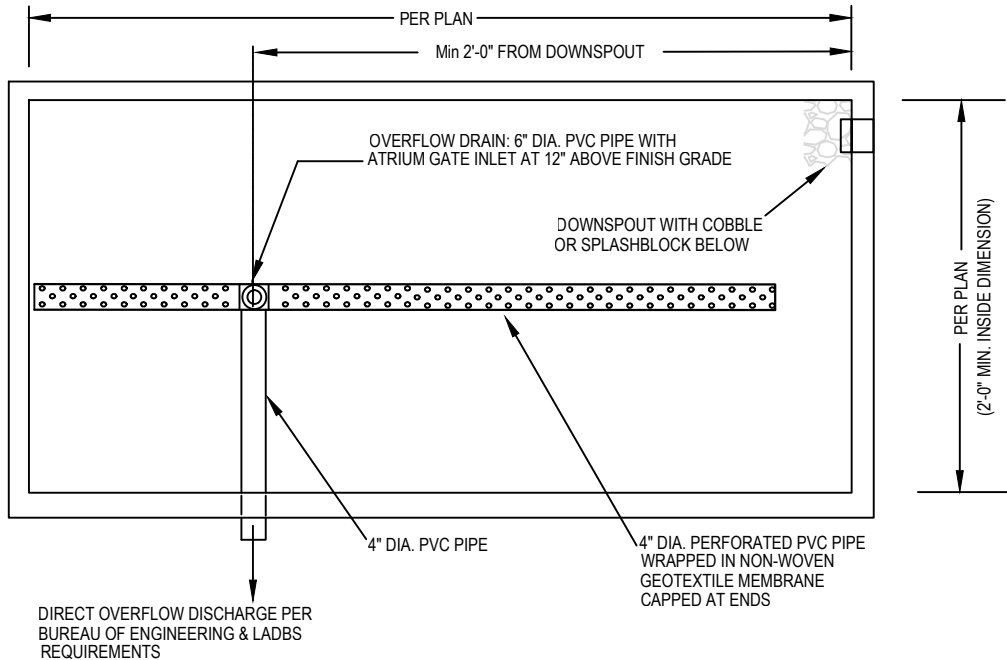


SECTION NOT TO SCALE

STORMWATER PLANTER FOR LARGE SCALE: Tfill = 3 hrs, dp=12"



SECTION NOT TO SCALE



PLAN NOT TO SCALE

NOTES:

1. AT LEAST 15 INCHES SHALL BE PROVIDED BETWEEN THE PLANTING SURFACE AND THE CREST OF EACH PLANTER
2. PLANTERS SHALL NOT BE LOCATED ON UNEVEN OR SLOPED SURFACES.
3. TOP SOIL/PLANTING MIX IS AT LEAST 24" DEEP.
4. TOP SOIL CONTAINS NO MORE THAN 30% COMPOST.
5. MINIMUM GRAVEL LAYER SHALL BE 12" DEEP.
6. DIRECT OVERFLOW DISCHARGE PER BUREAU OF ENGINEERING AND BUILDING AND SAFETY REQUIREMENTS.
7. PLANTING IS REQUIRED. CONSULT LANDSCAPE ARCHITECT FOR SPECIFIC PLANT TYPES.



December 20, 2018
Client Number 4894
Report Number 10250

Peoples' Self-Help Housing
474 East Santa Clara Street
Ventura, CA 93001

**Geotechnical Engineering Study
Proposed Multi-Family Housing Development
Southwest Corner of Palm and Santa Clara Streets
Fillmore, California**

In accordance with our proposal and your authorization, Advanced Geotechnical Services, Inc., (AGS) has prepared this *Geotechnical Engineering Study* for the construction of the proposed multi-family housing development at the subject site. This report presents the results of our data research, subsurface exploration, laboratory testing, and our professional opinions regarding the geotechnical engineering factors that may affect the proposed development.

Based on the results of this study, it is our opinion that the site is *suitable* for construction of the proposed multi-family housing development, provided the recommendations of this report are properly incorporated into the design and implemented during construction.

This opportunity to be of service is sincerely appreciated. This report should be read from cover to cover to understand its limitations and to avoid taking a recommendation out-of-context. If you have any questions, or if we may be of any further assistance, please do *not* hesitate to call. We look forward to being of continued service.

Respectfully submitted,
Advanced Geotechnical Services, Inc.


Kenneth J. Palos
President


Scott Moore, GE
Principal Engineer



Enclosure: *Report No. 10250*

cc: (5) Addressee (1) File Copy



GEOTECHNICAL ENGINEERING STUDY

**Proposed Multi-Family Housing Development
Southwest Corner of Palm and Santa Clara Streets
Fillmore, California**

**Report to
Peoples' Self-Help Housing
Ventura, California**

**December 20, 2018
Client Number 4894
Report Number 10250**



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1. INTRODUCTION

1.1 General Remarks

This *Geotechnical Engineering Study* has been prepared for the proposed multi-family housing development to be constructed at the subject site. The purposes of this study are to (1) evaluate the seismicity of the site, and potential seismic hazards, (2) identify on-site soil conditions that may affect the proposed development, and (3) provide geotechnical recommendations for use in the development of the site, including recommendations for site preparation, grading, temporary excavations, foundation design, concrete slabs, retaining wall design, shoring and drainage. This report presents the findings of our data review, subsurface exploration, laboratory testing, engineering analyses and evaluations, and our conclusions and recommendations.

Appendices are attached following the main report. Appendix A includes an explanation of the field exploration, and boring logs; Appendix B includes the laboratory test results; Appendix C includes the results of the seismicity study; Appendix D includes the results of the liquefaction and dynamic dry settlement evaluation, and Appendix E includes the citations of references used in this study. The Figures referenced in this report are included in Appendix F.

1.2 Site Description

The subject site is located on the west side of Palm Street, between Highway 126 on the south, and Santa Clara Street on the north, in the City of Fillmore, County of Ventura, California. The existing site conditions are shown on the attached *Existing Site Plan* (Figure 2), which was obtained from the Google Earth web app (2018), and on the attached *ALTA Site Plan* (Plate 1). At the time of our field exploration, the site was occupied by an existing vacant commercial building in the southern portion of the property, and a single-family residence and detached garage in the central portion of the property. There are 'broken concrete pads' in the northern and southern portions of the property, as shown on the *Existing ALTA Site Plan*, indicative of previously existing structures. Asphalt and concrete paving cover the majority of the southern portion of the site, between Highway 126 and the existing commercial building. There is an unpaved area between the existing residential property and the broken concrete pad in the northern portion of the property. The subject site is roughly level in areas, and gently southerly sloping overall, with an estimated total relief across the site of approximately 10 to 12 feet between the north and south ends, based on rough information obtained from the Google Earth web app (Google, 2018).

A brief review of historical aerial images available online (Google Earth, 2018) dating back to May of 1994 indicates that in the northern portion of subject site there were several additional structures present in the area of the 'broken concrete pad' shown on the Alta Survey, until at least May of 2015. These additional structures were gone in February of 2016, and the site appeared to be generally in the current conditions by then. There were also numerous large trees present in the northern portion of the property, within the vacant strip of land between the residential property and the broken concrete slab, until at least May of 2015, and these trees had also been removed by February of 2016. It's possible that foundations, utility basements, septic systems and/or seepage pits associated with the former and/or existing structures still underlie the site.

The development surrounding the subject site consists of Santa Clara Street to the north, Palm Street to the east, Highway 126 to the south, and an alley and small Time Warner building and property to the west. Vegetation on the site consists of typical domestic vegetation on the residential property, weeds and natural grasses elsewhere in unpaved areas of the site, and coming up through cracks in the pavement, and a few palm trees along the site perimeter.

1.3 Proposed Development

The proposed development will consist of the construction of a new multi-family housing structure, with parking occupying the majority of the lowest level, a podium deck above the parking, and three stories of residential units above that. The southern end of the lowest level, south of the proposed garage, will be occupied by a learning center, community center, classroom, maintenance and storage. At the time this report was prepared, plans



available for the proposed development consisted of a *Concept Site Plan* prepared by Lauterbach and Associates, dated 10/23/17, a *Parking Floor Plan* also prepared by Lauterbach and Associates, dated 12/10/2018, and an *ALTA Survey* prepared by Fargen Surveys Inc., dated May 10, 2018. When more detailed project plans and a topographic survey become available, they should be reviewed by AGS, to confirm that the recommendations provided herein remain applicable, and to provide any additional analysis and recommendations which may be necessary. Of particular importance is the elevation of the ground floor level of the proposed structure in relation to the current elevations on the subject site, and in the surrounding areas.

It is anticipated that the lowest level of the proposed structure will be constructed at or near the current existing site grade in the central portion of the property, and will be up to estimated 5 feet below existing grade near the northern end of the property, and up to an estimated 5 feet above existing grade near the southern end of the property. There will be new driveways accessing the parking level along the east and west middle of the site.

It is anticipated that the proposed structure will be constructed utilizing concrete, and possibly some masonry walls on the lower level, a concrete podium deck above the parking, and wood framing for the residential levels above the concrete podium deck. Maximum structural loads are not expected to exceed approximately 3 to 4 kips per foot for walls, and 100 to 200 kips for columns.

Grading for the proposed new development is anticipated to consist of excavations up to an estimated 5 feet below current existing grade in the northern portion of the site for the partial subterranean level, the placement of up to an estimated 5 feet of fill above the current existing grade in the southern portion of the site to achieve the proposed lowest floor level, and removal and recompaction of the upper site soils across the entire site for support of the new fill, proposed foundations, and other miscellaneous site improvements.

1.4 Scope of Services

This geotechnical engineering study included:

- a. Site observation and review of geotechnical and geologic data of the general study area. A *Site Location Map* is provided as Figure 1, and a *Regional Geological Map* is provided as Figure 3.
- b. Reconnaissance of the site and the immediate vicinity of the subject site.
- c. Drilling, sampling, and logging of eight borings on the site, to a maximum depth of 61.5 feet below the existing ground surface. The boring locations are shown on the enclosed Figure 2, *Existing Site Plan*, Plate 1, *ALTA Site Plan*, and Plate 2, *Proposed Site Plan*. The boring logs are included in Appendix A, along with a general description of the field operations.
- d. Laboratory testing of selected samples to determine the engineering properties of the on-site soils. The results of laboratory testing are presented in Appendix B, and on the boring logs in Appendix A. Soil samples will be *discarded* 30 days after the date of this report, unless this office receives a specific request and fee to retain the samples for a longer period of time.
- e. Determination of seismic design parameters in accordance with the latest edition of the California Building Code.
- f. Engineering analysis of the data and information obtained from our field study, laboratory testing, and literature review.



- g. Development of geotechnical recommendations for site preparation and grading, and geotechnical design criteria for building foundations and floor slabs, underground utility trenches, shoring, retaining walls, concrete paving, and drainage.
- h. Preparation of this report summarizing our findings, conclusions, and recommendations regarding the geotechnical aspects of the project site.

The scope of this geotechnical study did *not* include environmental issues.

2. GEOLOGIC SETTING

2.1 Geology

Geologic conditions beneath the subject property have been interpreted and characterized based upon our review of published and unpublished references, and our subsurface exploration. Our interpretations involve projections of data and assume that geologic conditions are reasonably constant between points of exposure. Work should continue under the review of the Geotechnical Engineer to ensure that geologic conditions different from those described below are recognized and evaluated as soon as possible. Certain subsurface conditions such as groundwater levels and the consistency of near-surface soils will vary with the seasons.

The subject site is located within the Fillmore USGS 7.5-minute quadrangle. According to Dibblee (1990), the subject site is underlain by younger alluvial materials (Qa), as shown on the enclosed *Regional Geological Map*, Figure 3.

2.2 Faulting

Southern California is a tectonically active region subject to hazards associated with earthquakes and faulting. The subject site is *not* located in an Alquist-Priolo Earthquake Fault Zone (CDMG, 1991), as shown on the attached *Earthquake Fault Zones Map*, Figure 4. The nearest Earthquake Fault Zone is located approximately 1.75 miles southwest of the subject site.

Faults are classified as either active, potentially active, or inactive. Active faults are defined by the State of California as faults that have exhibited surface displacement within the last 11,000 years. Potentially active faults are defined by the State of California as those with a history of movement between 11,000 and 1.6 million years ago. Alquist-Priolo Earthquake Fault Zones are zones that have been established by the State that contain active faults, and projects that are located within these zones require that a fault investigation be performed to determine if active faulting affects the site. Other undiscovered active faults without surface expression, called blind faults, are also capable of generating earthquakes, and may be present beneath the subject site. The scope of this study did *not* include a detailed subsurface fault investigation, and none is required.

3. EARTH MATERIALS AND SUBSURFACE CONDITIONS

3.1 Artificial Fill (af)

Artificial fill was encountered during exploration to maximum estimated depths between approximately 1 and 10 feet below the existing ground surface, although the exact depth of the transition from artificial fill to native soils was difficult to distinguish in some areas in the small diameter borings and samples, due to the generally sandy and gravelly nature of the fill and native soils. The artificial fill consists of fine to coarse grained silty to clayey sand and gravel, which range from dry to slightly moist, loose to medium dense and dense, and contained concrete fragments and rootlets in some areas. More detailed earth material profiles are provided on the attached Boring Logs in Appendix A.

3.2 Alluvium (Qa)

Younger alluvial soil (alluvium) was encountered in the exploratory borings below the fill material, at estimated depths between approximately 1 and 10 feet below the existing ground surface, and continuing to the maximum depth explored, 61.5 feet below the existing ground surface. The alluvium within the zone extending from the ground surface to a depth of approximately 10 to 12 feet below the existing ground surface, the zone within which the majority of the proposed excavation, grading and construction activities are likely to occur, consists primarily of fine to coarse grained, medium to yellowish brown silty sand and sand with gravel, which range from dry to moist, and medium dense to very dense. Below a depth of approximately 10 feet, highly varying mixtures and combinations of silt, sand, clay and gravel were encountered, which range from fine to coarse grained, slightly moist to very moist, and medium dense to very dense and stiff. More detailed descriptions of the earth materials encountered are provided on the Boring Logs in Appendix A.

3.3 Soil Parameters

3.3.1 Compaction

Compaction curves were developed in this study for representative samples of the upper onsite soils, to determine the maximum dry density and optimum moisture content, as shown in the table below. The upper site soils should be removed and recompacted for support of the proposed improvements, as discussed in subsequent sections of this report.

Boring	Depth (ft)	Description	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
B-2	0-5	MEDIUM BROWN SILTY SAND WITH GRAVEL	118.0	12.0
B-4	0-5	MEDIUM BROWN SILTY SAND TO SAND WITH GRAVEL	123.0	11.0

3.3.2 Compressibility

Consolidation tests were performed on representative remolded and undisturbed samples of the onsite soils. The consolidation test results showed negligible hydroconsolidation when inundated with water, and very minor overall compressibility on the sample remolded to 90% of the maximum density; a relatively high potential of both hydroconsolidation and overall compressibility on a sample of the undisturbed upper native soils, and relatively minor potential of hydroconsolidation and overall compressibility on the deeper undisturbed samples of native soils.

3.3.3 Expansion Category

The potential of the soil to swell or expand increases with an increase in soil density, a decrease in initial moisture content (low percent saturation), an increase in clay content, and an increase in the activity of the clay content. Expansive soils change in volume (shrink or swell) due to changes in the soil moisture content. The risk of soil expansion increases with an increase in expansion index. The expansion indices of representative samples of the upper onsite soils were found to be 1 and 5, which are both in the *very low* expansion category. The expansion index test results are shown in the table below.

Boring	Depth, Ft	Description	Expansion Index	Expansion Category
B-2	0-5	MEDIUM BROWN SILTY SAND WITH GRAVEL	5	VERY LOW
B-4	0-5	MEDIUM BROWN SILTY SAND TO SAND WITH GRAVEL	1	VERY LOW

3.3.4 Corrosivity

The risk of corrosion of construction materials relates to the potential for soil-induced chemical reaction. The rate of deterioration depends on soil resistivity, texture, acidity, and chemical concentration. To provide a basis for a preliminary corrosion evaluation, one sample of the near surface soils on the site was analyzed. The results of



these tests are summarized in the following table, and the test results data sheet from American Analytics is attached in Appendix B. Sulfate and chloride concentrations are expressed in mg/kg on a dry weight basis.

Boring	Depth, Ft	Description	pH	Chloride, mg/kg	Sulfate, mg/kg	Specific Conductance, umhos/cm
B-2	0-5	MEDIUM BROWN SILTY SAND WITH GRAVEL	7.7	7.5	140	400

The sulfate content is negligible (*S0* exposure category based on ACI 318), and therefore special considerations for concrete which will be in contact with the onsite soils is not required. It is recommended that additional testing be performed on the finished pad to confirm the sulfate content of the final, blended mix of the onsite soils subsequent to the required over-excavation and recompaction of the upper site soils.

3.4 Groundwater

At the time of our field exploration, groundwater was not encountered in any of the borings, excavated to a maximum depth of 61.5 feet below the existing ground surface. Based on the attached Figure 5, *Depth to Historically High Groundwater* (CGS, 2002), the historically highest groundwater level below the site was approximately 30 feet below the existing ground surface. Groundwater elevations are dependent on seasonal precipitation, irrigation, land use and climatic conditions, among other factors, and as a result fluctuate. Therefore, water levels at the time of construction and during the life of the structure may vary from the observations or conditions at the time of our field exploration.

3.5 Field Percolation Testing

As allowed by the **Ventura County Technical Manual for Stormwater Quality Control Measures**, percolation testing was performed in compliance with the Boring Percolation Test Procedure methods outlined on pages 7 and 8 of the County of Los Angeles Department of Public Works **Guidelines for Design, Investigation, and Reporting Low Impact Development Stormwater Infiltration** document GS200.1 dated December 31, 2014.

The method used consisted first of the excavation of two pairs of 8-inch diameter hollow stem auger borings. In each pair of borings, there was a 5 foot deep boring, and a 16-foot deep boring. After excavation of the borings, 3-inch diameter perforated pipe was inserted into the borings from the ground surface to the bottom of each boring, and the annulus between the pipe and sides of the boring was filled with gravel. The holes were then covered and secured for the day. Percolation testing was then performed two days later, as described below.

Two days after the excavation of the percolation test borings, and immediately prior to the percolation testing, the holes were presoaked in accordance with the procedures outlined in GS200.1 for two initial 30-minute periods. In Boring P-1, the water seeped completely away within each 30-minute period, and therefore the pre-soaking was considered complete, and the percolation testing proceeded. In Borings P-2, P-3 and P-4, the water did not completely drain away, and therefore these three borings were pre-soaked for another 4 hours.

At the completion of the presoaking period in Boring P-1, the boring was then filled again to a depth of 12 inches, and after 30 minutes, no water remained in the hole, and therefore the time interval between testing for the actual percolation testing was determined to be 10 minutes. At the completion of the presoaking period in Borings P-2, P-3 and P-4, the borings were then filled again to a depth of 12 inches, and after 30 minutes, water remained in each of these holes, therefore the time interval between testing for the actual percolation testing was determined to be 30 minutes.

Percolation testing was then performed as outlined in GS200.1. Readings were taken to measure the water drop at 10 minute intervals in Boring P-1, and at 30 minute intervals in Borings P-2, P-3 and P-4. After each reading, water was added to each test hole to bring the water level back to 12 inches above the bottom.

The percolation test data are summarized in the following table:



Percolation Test Results Summary

Test Hole	Depth Below Ground Surface (feet)	Date Tested	Stabilized Field Percolation Rate (minutes/inch)	Stabilized Field Percolation Rate (inches/hour)	Reduction Factor Per LA County Document GS200.1	Corrected Infiltration Rate (minutes/inch)	Corrected Infiltration Rate (inches/hour)
P-1	5	12/7/2018	1.27	47.25	3.02	0.42	15.67
P-2	16	12/7/2018	15.0	4.00	3.75	4.00	1.07
P-3	5	12/7/2018	3.33	18.00	2.88	1.16	6.26
P-4	16	12/7/2018	8.57	7.00	3.56	2.41	1.96

Upon completion of the field percolation testing program, the test borings were backfilled.

Based on the earth material conditions underlying the site, and likely in the adjacent areas surrounding the site based on our experience in the Fillmore area, it is our opinion that infiltration should not be implemented on the subject site. Large volumes of water infiltrated into the subsurface may saturate zones of weaker, sandier soils above the historically highest groundwater level, and cause liquefaction and the associated problems during a major earthquake. Infiltrated water is also likely to become perched in some areas, and then migrate horizontally due to the local topographic gradient, and into surrounding areas, possibly causing settlement of any artificial fill or otherwise loose upper soils which may be present in nearby areas. Relatively loose artificial fill soils, and sometimes native soil layers that may not otherwise be prone to consolidation when relatively dry, can frequently experience significant 'hydroconsolidation' upon wetting, which may cause settlement and distress in the surrounding areas.

In our opinion, a stormwater management system which captures and detains the stormwater in tanks, or in underground basins with impermeable liners, and then treats and releases the captured stormwater as necessary, should be implemented on the subject site.

4. SEISMICITY

4.1 Seismic Design Criteria

The 2016 CBC specifies the use of the *Mapped Maximum Considered Geometric Mean (MCE_G) Peak Ground Acceleration, PGA*, which is adjusted for site class effects to obtain PGA_M . For the subject site, PGA and PGA_M are both 0.938g, as indicated on page 5 of the *USGS Design Maps Detailed Report* included as an attachment in Appendix C of this report.

The 2016 California Building Code (CBC) is utilized in the seismic design of structures, and is based on the *Maximum Considered Earthquake Ground Motion*. The earth materials underlying the site are classified based on parameters such as shear wave velocity, standard penetration test resistance, undrained shear strength, and earth material type. The maximum considered earthquake spectral response accelerations are then adjusted for general type of earth materials underlying the site, or *Site Class*, which would be D for the subject site. The remaining seismic parameters used in structural analyses are computed by the Structural Engineer from the values shown below.

The following seismic design coefficients and parameters for the project site have been determined utilizing the U.S. Seismic Design Maps web app developed by the United States Geological Survey (2014). This app incorporates seismic provisions set forth in the 2016 California Building Code (CBC) and 2015 International Building Code (IBC) procedures. Printout data generated by the USGS program is included in Appendix C of this report for reference.

Site Class	Spectral Accelerations, 0.2-Second Period, S_s	Spectral Accelerations, 1-Second Period, S_1	Site Coefficient, F_a	Site Coefficient, F_v	Adjusted Spectral Accelerations, 0.2-Second Period, S_{MS}	Adjusted Spectral Accelerations, 1-Second Period, S_{M1}	Adjusted Spectral Accelerations, 0.2-Second Period, S_{DS}	Adjusted Spectral Accelerations, 1-Second Period, S_{D1}
D	2.460	0.996	1.0	1.5	2.460	1.494	1.640	0.996

Conformance to these criteria does *not* constitute a guarantee or assurance that significant structural damage or ground failure will *not* occur if a maximum level earthquake occurs. The primary goal of seismic design is to protect life and *not* to avoid all damage, since such design may be economically prohibitive.

4.2 Earthquake Effects

The intensity of ground shaking during an earthquake can result in a number of phenomena classified as ground failure, which include ground rupture due to faulting, landslides, liquefaction, and seismically induced settlement. Other seismic hazards include Seiches and tsunamis. Descriptions of each of these phenomena, and an assessment of each, as it may affect the subject site, are included in the following sections. The Seismic Hazards Mapping Act of 1990, which became effective in 1991, requires mitigation of seismic hazards to a level that does *not* cause collapse of a building intended for human occupancy, but it does *not* require mitigation to a level of ground failure or structural damage.

4.2.1 Shallow Ground Rupture

Ground surface rupture occurs when movement along a fault is sufficient to cause a gap or rupture where the upper edge of the fault zone intersects the ground surface. Where associated with reverse faults, such ruptures rarely occur as single breaks or are confined to a narrow zone. More commonly, ground rupture associated with faulting is characterized by relatively short segments of faulting that occur over a broad area of the upper plate. In some cases, particularly in unconsolidated alluvial sediments, *secondary ground ruptures* can develop from a number of causes not necessarily related directly to surface rupture of the causative fault. The secondary processes may include ground shaking, seismic settlement, landslides, and liquefaction.

Since there are *no* known active or potentially active surface fault traces passing through the site, the potential of on-site ground rupture due to movement on an underlying fault is *not* considered a significant hazard, although it is a possibility at any site. The potential for ground rupture due to other causes is discussed in the following paragraphs.

4.2.2 Earthquake-Induced Landsliding

Earthquake-induced landslides are slope failures that occur where the horizontal seismic forces act to induce soil failure. Seismic Hazard Maps have been published by the California Geological Survey that delineate areas that have been subject to, or are potentially subject to landsliding or permanent ground displacement as a result of earthquake-induced ground shaking. The subject site is not located within a Seismic Hazard Zone for landslides, as shown on the attached Figure 6, *Seismic Hazard Zones Map* (CGS, 2002), and the subject site and immediately surrounding areas are relatively flat. Based on these considerations, earthquake-induced landsliding is *not* considered to be a hazard to the subject site.

4.2.3 Tsunamis and Seiches

Seiches are an oscillation of the surface of an inland body of water that varies in period from a few minutes to several hours. Seismic ground motions can induce such oscillations. Tsunamis are large sea waves produced by submarine earthquakes or volcanic eruptions. Since the site is *not* located close to an inland body of water, and is at an elevation sufficiently above sea level to be outside the zone of a tsunami runup, the risk of these two hazards is *not* pertinent to this site.



4.2.4 Evaluation of Liquefaction Potential

Liquefaction is a phenomenon in which soils below the groundwater level lose strength as a result of ground shaking due to earthquakes. Liquefaction related, or liquefaction-induced phenomena include *lateral spreading, ground oscillation, flow failure, reduction of bearing strength, ground fissuring, and sand boils*.

The subject site is located in an area designated as potentially liquefiable on the *Seismic Hazard Zones Map* of the Fillmore Quadrangle, as shown on the attached Figure 6 (CGS, 2002). The green shading on this map indicates a potentially liquefiable area. Therefore, liquefaction analysis was performed to further evaluate the potential and extent of possible liquefaction at this site.

At the time of our field exploration, groundwater was not encountered in either boring to the total depth explored, 61.5 feet below the existing ground surface. Based on the *Depth to Historically High Groundwater Map* (CGS, 2002), as shown on the attached Figure 5, the historically highest groundwater level below the existing ground surface at the site was approximately 30 feet below the existing ground surface. Therefore, the liquefaction analysis was performed utilizing a historically highest groundwater level of 30 feet below the ground surface.

The geotechnical data obtained from the two deepest borings on the subject site, along with our laboratory test results, were utilized in our evaluation of liquefaction hazard potential at the site. Younger alluvial soils consisting of relatively dense sandy soils and stiff clayey soils were encountered within the zone where liquefaction analysis is required, 30 to 50 feet below the existing ground surface.

To perform the liquefaction evaluation, the methods following the latest recommendations of the NCEER were used, with the design-level seismic event of 6.95 moment magnitude, and a site acceleration of 0.938g, the computed site peak acceleration with a 2 percent probability of exceedance in a 50-year period. Blow counts used for the liquefaction evaluation were based on the blow counts measured with the driven samplers. Blow counts obtained using a modified California sampler were adjusted to equivalent blows of a standard penetration test sampler utilizing a multiplier of $\frac{2}{3}$. The measured blow counts were further adjusted for borehole diameter, rod length, sampling method and delivered energy (Youd and Idriss, 1997 and 2001) to correspond to a driving-energy level of 60% (N_{60}). The adjusted blow counts (N_{60}) were then adjusted for overburden pressure ($N_{1|60}$).

In accordance with the criteria specified in the "Screening Investigations for Liquefaction Potential" section of SP117A, the results of the liquefaction analysis indicate that the soils underlying the site would not be considered prone to liquefaction, based on equivalent corrected SPT blow counts all higher than 30, and/or the presence of stiff, non-sensitive clays. The results of the liquefaction analysis are shown on Plates D-1 and D-2 in Appendix D.

4.2.5 Dynamic Dry Settlement

The dynamic dry settlement potential of the earth materials underlying the site due to seismic shaking was also evaluated based on the data from both borings. In accordance with standard local practice, the acceleration to be utilized in the dynamic dry settlement is the greater of $S_{DS}/2.5$, or $2/3 PGAM$ (Blake, 2015). The greater of these values is $S_{DS}/2.5 = 0.656g$ (which is greater than $2/3 PGAM = 0.625g$).

The results of the dynamic dry settlement calculations show that the maximum potential seismically-induced dry sand settlements are approximately 0.44 and 0.60 inches for Borings B-1 and B-4, respectively. The potential differential dynamic dry settlement is typically assumed to be approximately $\frac{1}{2}$ of the total settlement over a distance of 30 feet, which would be approximately 0.22 to 0.30 inches. The potential impact of this relatively minor amount of potential dynamic dry settlement on the proposed development is anticipated to be relatively negligible. The results of the dynamic dry settlement analysis are shown on Plates D-3 and D-4 in Appendix D.



5. CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions and Design Requirements

Based on the findings of our data review, subsurface exploration, laboratory testing, field testing, and engineering analysis, and within the scope of this study, the construction of the proposed multi-family housing development is considered to be *feasible* from a geotechnical engineering viewpoint, provided the recommendations in this report are incorporated into the project plans and implemented during construction. The following sections discuss conditions that should be anticipated, and provide specific recommendations for mitigation during the design and construction phase of improvements.

It is recommended that the upper site soils be removed and recompacted to provide a relatively uniform blanket of newly placed compacted fill for support of the proposed structure and other site improvements, as described in more detail in the following sections. Due to the proximity of the proposed structure to the west property line, shoring will be required in some areas, in order to excavate down to the partial subterranean garage elevation in the northern portion of the site, and to conduct the required over-excavation and recompaction throughout the proposed building area. After removal and recompaction of all existing artificial fill, and the upper native site soils across the site, the proposed structure may then be supported on conventional, shallow spread footings bearing entirely within newly placed compacted fill.

5.1.1 Faults / Seismicity

Although no known active surface fault traces traverse through the subject site, like most of Southern California, the site lies within a seismically active area. Earthquake resistant structural design is recommended. Designing structures to be earthquake-proof is generally considered to be impractical, especially for private projects, due to cost limitations. Significant damage to structures may be unavoidable during large earthquakes. Structural design based on the 2016 CBC (California Building Code) structural analysis procedures calls for the seismic parameters given previously in the *Seismic Design Criteria* section. These minimum code values are intended to protect life and may not provide an acceptable level of protection against significant cosmetic damage and serious economic loss. Significantly higher than code parameters would be necessary to further reduce potential economic loss during a major seismic event. Structural Engineers, however, often regard higher than code values or procedures as impractical for use in structural design. The Structural Engineer and project Owner must decide if the level of risk associated with code values is acceptable and, if not, to assign appropriate seismic values above code values for use in structural design.

5.1.2 Hazardous Materials

AGS has *not* been retained to provide any type of environmental assessment of the subject property, *nor* to provide recommendations with respect to any contamination that might be present.

5.1.3 Fill Slopes

Fill slopes up to a maximum estimated height of approximately 5 to 6 feet may be required in the southern portion of the site, in order to transition from the proposed lowest floor elevation down to the adjacent sidewalks along the south and west sides of the site. Fill slopes should not exceed a maximum gradient of 2:1 (horizontal:vertical).

5.1.4 Cut Slopes

Cut slopes up to a maximum estimated height of approximately 5 to 6 feet may be required in the northern portion of the site, in order to transition from the proposed lowest floor elevation up to the adjacent sidewalks along the north and west sides of the site. Cut slopes should not exceed a maximum gradient of 2:1 (horizontal:vertical).



5.1.5 *Slope Setback*

When located next to a descending 3(H):1(V) slope or steeper, the base of footings for buildings should be a minimum of 5 feet or one-third ($\frac{1}{3}$) the slope height from the face of slope, whichever is greater, but need *not* exceed 40 feet from the face of slope.

When located next to an ascending 3(H):1(V) slope or steeper, the building should be a minimum of 3 feet or $\frac{1}{2}$ the slope height from the toe of slope, whichever is greater, but need *not* exceed 15 feet from the toe of slope.

5.1.6 *Shrinkage*

Shrinkage results when the earth materials being placed as fill are compacted to a dry density greater than the in-place source materials. Based on experience, it is estimated that there will be an average shrinkage factor of approximately 15% (+/- 5%) resulting from recompaction of the upper on-site soils or fills. This estimate is based on an average relative compaction of 92% for the recompacted earth materials, and rough estimates of the average density of the upper, relatively loose and dry onsite soils. This estimate does not account for the effects of fill volume losses due to clearing, grubbing and stripping operations, removal of buried structures such as foundations, or uncertainty in the density of the in-place materials. If the actual average degree of compaction differs from that used to estimate shrinkage, the actual shrinkage may also differ. Variations in the estimated shrinkage factors should be anticipated and provisions for such variations should be included in the project specifications.

5.1.7 *Drainage*

All surface runoff must be carefully controlled and must remain a crucial element of site maintenance. Proper drainage and irrigation are important to reduce the potential for damaging ground/foundation movements due to hydroconsolidation and soil expansion or shrinkage. Final grading should provide positive drainage away from footings in compliance with the local jurisdiction's grading requirements. All pad drainage shall be collected and diverted away from proposed buildings and foundations in non-erosive devices. Gutters and roof drains should be provided, properly maintained, and discharge directly into glue-joined, watertight subsurface piping. A drainage system consisting of area drains, catch basins, and connecting lines should be provided to capture landscape/hardscape sheetflow discharge water. All drainage piping should be watertight and discharge to an appropriate location.

All underground plumbing fixtures should be absolutely leak-free. As part of the maintenance program, utility lines should be checked for leaks for early detection of water infiltrating the soils that could cause detrimental soil movements. Detected leaks should be promptly repaired. Proper drainage shall also be provided away from the building footings during construction. This is especially important when construction takes place during the rainy season.

Seepage of surface irrigation water or the spread of extensive root systems into the subgrade of footings, slabs, or pavements can cause differential movements and consequent distress in these structural elements. Trees and large shrubbery should *not* be planted so that roots grow under foundations and flatwork when they reach maturity. Landscaping and watering schedules should be planned with consideration for these potential problems.

Drainage systems should be well maintained, and care should be taken to *not over* or *under* irrigate the site. Landscape watering should be held to a minimum while maintaining a uniformly moist condition without allowing the soil to dry out. During extreme hot and dry periods, adequate watering may be necessary to keep soil from separating or pulling back from the foundations. Cracks in paved surfaces should be sealed to limit infiltration of surface waters.

5.1.8 *Plan Review*

At the time this report was prepared, plans available for the proposed development consisted of a *Concept Site Plan* prepared by Lauterbach and Associates, dated 10/23/17, a *Parking Floor Plan* also prepared by Lauterbach



and Associates, dated 12/10/2018, and an ALTA Survey prepared by Fargen Surveys Inc., dated May 10, 2018. When more detailed project plans and a topographic survey become available, they should be reviewed by AGS, to confirm that the recommendations provided herein remain applicable, and to provide any additional analysis and recommendations which may be required. Of particular importance is the elevation of the ground floor level of the proposed development in relation to the current elevations on the subject site, and in the surrounding area.

When final Grading and Structural plans become available, they should be reviewed by AGS *prior* to submittal to regulatory agencies for approval. Additional analysis *may* be required at that time depending on specific details of the proposed grading and improvements. Approval by this office will be indicated on the plans by *manual* signature and stamp on the plans.

Please be aware that the contract fee for our services to prepare this report does not include additional work that may be required, such as grading observation and testing, footing observations, plan review, or responses to governmental (regulatory) plan reviews associated with you obtaining a building permit. Where additional services are requested or required, you will be billed on an hourly basis for consultation or analysis. AGS requests a minimum of 24 hours be provided for plan reviews. Please anticipate additional time for plan corrections if all of our geotechnical recommendations have not been added to the plans, prior to our approving and stamping the plans.

5.1.9 Additional Recommendations

The following additional geotechnical recommendations should be incorporated into the final design and construction plans. All such work and design should be in conformance with local governmental regulations or the recommendations contained herein, whichever are more restrictive. The following recommendations have *not* been reviewed or approved by the City at this time. These recommendations may change based on obtaining approval from the City. Design of the proposed project should be made following approval from the City.

5.2 Site Preparation

The area of the proposed new structure should be prepared so that foundations are founded entirely within newly placed compacted fill, with a relatively uniform thickness. Any disturbed or weak upper site soils should also be removed and recompacted for support of all other improvements, including but not limited to site flatwork such as driveways, walkways, etc., as described below. General guidelines are presented below to provide a basis for quality control during site grading. It is recommended that all compacted fills be placed and compacted with engineering control under continuous observation and testing by the Geotechnical Engineer and/or his field representative, and in accordance with the following requirements.

5.2.1 Removals

- a. When demolishing any existing improvements in the vicinity of the proposed structure or other improvements, the contractor should locate any and all existing foundations, floor slabs, debris pits, uncompacted fill, septic tanks, seepage pits, and subsurface trash which may be present. These soils and structures should be completely removed. The resulting excavations should be cleaned of all loose or organic material, the exposed native soils should be scarified to a depth of 8 inches and compacted, and the remainder of the excavation backfilled with compacted fill up to future subgrade level. In areas to receive fill or to support structures, deeper removals may be required, as discussed below.
- b. Remove all vegetation and loose soil *prior* to fill placement. The general depth of stripping should be sufficiently deep to remove any root systems or organic topsoil which may be present. The removal of trees and large shrubs should include complete removal of their root structures.



- c. To provide relatively uniform foundation support for the proposed structure, it is recommended that all new foundations for the proposed structure be supported on newly placed compacted fill, and that the thickness of compacted fill beneath the footings and slab area each be relatively uniform.
- d. In the area of the proposed new structure, the existing soil to a minimum depth of 5 feet below existing site grade, 5 feet below future site grade, or 3 feet below the bottom of the proposed new building footings, whichever is deeper, should be removed and recompacted as compacted fill. The lateral limits of over-excavation should extend to a minimum of 5 feet beyond the outside perimeter of all proposed building footings, except adjacent to property lines, where the limits of removal and recompaction should extend right up to the property line. Adjacent to property lines at the western end of the site, it is anticipated that shoring will be required in some areas, in order to safely complete the removal and recompaction operations, and excavation down to the partial subterranean level in the northern portion of the site. The proposed new foundations along property lines will have to be at least as deep as any existing uncertified fill or existing adjacent footings which may be present on the neighboring properties. This may require deepening of the foundations in some areas, which would also require that the depth of over-excavation be similarly deeper, in order to maintain a minimum of 3 feet of newly placed compacted fill below the bottom of footings.
- e. In the proposed driveway areas, and other exterior flatwork areas (sidewalks, walkways, patios etc.), or areas of other miscellaneous improvements, all existing fill material and any loose or disturbed soils should be removed and recompacted. The depth of over-excavation should extend to a minimum of 12 inches below either existing grade, or the bottom of the future improvements, whichever is deeper, including 12 inches below the bottom of aggregate base, where utilized.
- f. The exposed bottom of removal areas should be scarified, mixed, and moisture conditioned to a minimum depth of 8 inches. The scarified soil shall be moisture conditioned to near-optimum moisture content, and compacted to a minimum of 90% of the laboratory maximum dry density as determined by ASTM D1557. Additional lifts should *not* be placed until the present lift has been tested and shown to meet the compaction requirements.

5.2.2 **Bottom Stabilization**

- a. Depending on the time of year, recent precipitation, or should the bottom of over-excavation become flooded by rain during grading, additional stabilization of the removal bottom may be required, although it is not anticipated based on the moisture content and composition of the upper onsite earth materials encountered during our site exploration. If the bottom becomes unstable for some reason, the use of track-mounted equipment and/or excavators should be considered to reduce the potential for disturbing the soils in the excavations. If the bottom is highly disturbed, deeper removals may be required.
- b. Acceptable stabilization methods include using (1) float rock worked into the soft soils and covered with a filter fabric, (2) geotextiles, such as Mirafi 600X, with a 24-inch wide overlap, or (3) a combination. Some compaction effort should be used when working thin lifts of float rock into the excavation bottom. A 12- to 24-inch thick zone may be required to adequately bridge an unstable bottom, and this zone is *not* to be included in the required thickness of fill beneath either slabs or footings unless it meets the compaction requirements. Another alternative is to stabilize the bottom by drying out the soils with the use of either lime or cement additives (about 2% to 3% by weight), moisture conditioning, mixing, and compacting to a minimum relative compaction of 90%. It is recommended that unit rates for



bottom stabilization be obtained during the construction bidding process, *prior* to construction.

5.2.3 *Suitable Fill Material*

- a. The excavated site soils, cleaned of deleterious material, can be re-used for fill. Rock larger than 6 inches should *not* be buried or placed in compacted fill. Rock fragments less than 6 inches may be used provided the fragments are *not* placed in concentrated pockets and a sufficient percentage of finer grained material surrounds and infiltrates the rock voids. Furthermore, the placement of any rock must be under the continuous observation of the Geotechnical Engineer, and/or his field representative.
- b. Imported material should generally have engineering properties similar to, or more favorable than those on the subject site, in terms of expansion and subgrade support characteristics. Imported material will require testing to verify the engineering properties, and must be approved by the Geotechnical Engineer *prior* to placement on the site. All imported soils should be primarily granular in nature, and have an expansion index less than 20.

5.2.4 *Placement of Compacted Fill*

- a. All fill materials should be placed in controlled, horizontal layers *not* exceeding 6 to 8 inches thick, and moisture conditioned to near-optimum moisture content. Fill materials should be compacted to a minimum 90% of the laboratory maximum dry density, as determined by ASTM D1557. If either the moisture content or relative compaction does *not* meet these criteria, the Contractor should rework the fill until it does meet the criteria. If the fill materials pump (flex) under the weight of construction equipment, difficulties in obtaining the required minimum compaction may be experienced. Therefore, if soil pumping occurs, it may be necessary to reduce the moisture content closer to optimum, or use construction equipment that is not as prone to cause pumping.
- b. The field test methods to be used to determine the in-place dry density of the compacted fill shall be in conformance with either ASTM D1556 (sand cone test method) or ASTM D2922 (nuclear gauge method).
- c. Subgrade for the support of concrete pavement subject to vehicular traffic shall be moisture conditioned, as required, to obtain near-optimum moisture content, and be recompacted to at least 95% of the maximum dry density to a depth of at least 12 inches.

5.2.5 *Fill Slopes*

- a. Based on the current preliminary project plans, it is anticipated that there may be fill slopes up to a maximum of approximately 5 to 6 feet in height, located at the southern end of the site. Proposed fill slopes should not exceed 2:1 (horizontal:vertical) in gradient, and must be founded on a keyway of competent natural soil approved by the Geotechnical Engineer or their field representative. The keyway shall be a minimum of 8 feet in width, must extend at least to the proposed toe of slope, and extend at least 3 feet into competent material at the outer edge of the keyway.
- b. Fill slopes shall be constructed by placing fill soil a sufficient distance beyond the proposed finished slope to allow compaction equipment to operate at the outer surface limits of the final slope surface. The excess fill shall be cut back to finished grade.



5.2.6 *Testing of Compacted Fill*

- a. At least one compaction test shall be performed for every 500 yd³ of the fill material. In addition, at least one test shall be performed for every 2 feet of fill thickness.

5.2.7 *Inclement Weather and Construction Delays*

- a. If construction delays or the weather result in the surface of the fill drying, the surface should be scarified and moisture conditioned before the next layer of fill is added. Each new layer of fill should be placed on a rough surface so planes of weakness are not created in the fill.
- b. During periods of wet weather and before stopping work, all loose material shall be spread and compacted, surfaces shall be sloped to drain to areas where water can be removed, and erosion protection or drainage provisions shall be made in accordance with the plans provided by the Civil Engineer. After the rainy period, the Geotechnical Engineer and/or his field representative shall *review* the site for authorization to resume grading and to provide any specific recommendations that may be required. As a minimum, however, surface materials previously compacted before the wet weather shall be scarified, brought to the proper moisture content, and recompactd *prior* to placing additional fill.
- c. During foundation construction, including any concrete flatwork, construction sequences should be scheduled to reduce the time interval between subgrade preparation and concrete placement to avoid drying and cracking of the subgrade or the surface should be covered or periodically wetted to prevent drying and cracking.

5.2.8 *Responsibilities*

- a. Representative samples of the earth materials to be used as compacted fill should be analyzed in the laboratory by the Geotechnical Engineer to determine the physical properties of the materials. If any earth materials other than those previously tested are encountered during grading, the appropriate analysis of this material shall be conducted by the Geotechnical Engineer as soon as practicable. Any imported soil from off-site sources shall be approved *prior* to placement.
- b. All grading work shall be observed and tested by the Project Geotechnical Engineer or their field representative to confirm proper site preparation, excavation, scarification, compaction of on-site soil, selection of satisfactory fill materials, and placement and compaction of fill. All removal areas and footing excavations shall be observed by the field representative of the Project Geotechnical Engineer before any fill or steel is placed.
- c. The lateral limits and the depths of the removals should be shown by the Civil Engineer on the grading plans.
- d. The grading contractor has the ultimate responsibility to achieve uniform compaction in accordance with the geotechnical report and grading specifications.

5.3 *Utility Trench Backfill*

The on-site soils are suitable for backfill of utility trenches from 1-foot above the top of the pipe to the surface, provided the material is free of organic matter and deleterious substances. The natural soils should provide a firm foundation for site utilities, but any soft or unstable material encountered at pipe invert should be removed and replaced with an adequate bedding material.

The site Civil Engineer in accordance with manufacturer's requirements should specify the type of bedding materials. Granular soils will need to be imported for bedding or shading of utilities. Jetting of bedding materials



should *not* be permitted unless appropriate drainage is provided and the bedding has a sand equivalent greater than 50.

Trench backfill should be placed in 8-inch lifts, moisture conditioned to near-optimum moisture content, and compacted to at least 90% of the maximum density as determined by ASTM D1557, with the exception of the 1 foot below subgrade in areas to be paved, which should be compacted to 95% of the maximum dry density. Jetting of trench backfill is *not* acceptable to compact the backfill.

In areas where utility trenches pass through an existing pavement section, the trench width at the surface shall be enlarged a minimum of 6 inches on each side to provide bearing on undisturbed material for the new base and paving section to match the existing section.

Major underground utilities shall *not* cross beneath buildings unless specifically approved by the Project Civil Engineer and respective utility company. If approved, trenches crossing building areas shall be backfilled with a select gravelly sand compacted to 95% relative compaction.

5.4 Temporary Excavations

At the time this report was prepared, plans of the proposed development and a topographic survey of the site and surrounding area were not yet available. When detailed project plans, including elevations of the lowest building floor level, and a detailed topographic survey of the subject site and surrounding area become available, more detailed recommendations regarding temporary excavations could be provided. The following recommendations regarding temporary excavations are therefore necessarily general in nature.

Temporary excavations of 5 feet or less in height in on-site soils may not require any special shoring, where not surcharged by any adjacent traffic or structures. Where there is sufficient space, excavations over 5 feet in height may be laid back at a 1(H):1(V) gradient. Excavations exposing very sandy or gravelly soils should be sloped at 1:1 gradient, with no vertical component. All other excavations would require conventional shoring per CAL/OSHA Regulations. All excavations should be observed by a representative of the Geotechnical Engineer during the excavation process.

Excavations should *not* be allowed to become soaked with water or to dry out. Surcharge loads should *not* be permitted within a horizontal distance equal to the height of the excavation from the top of the excavation, unless the excavation is properly shored. Excavations that might extend below an imaginary plane inclined at 45 degrees below the edge of an existing foundation should be properly shored to maintain foundation support of the existing structure. A representative of the Geotechnical Engineer should be present as these and all excavations are made, so that modifications to these recommendations could be made if necessary.

5.4.1 Shoring - Soldier Pile Design

It is anticipated that soldier piles will be required along the west side of the site in some areas, in order to allow safe excavation down to the proposed partial subterranean garage level, and/or over-excavation and recompaction of the upper site soils. Soldier piles typically consist of steel beams placed in drilled holes, and backfilled with either slurry or concrete, depending on the particular design method employed. The soldier piles may be designed for a triangular distribution of lateral earth pressure, and an equivalent fluid pressure of 35 pcf.

The following information and parameters can be used in the design of soldier piles:

- a. Soldier piles founded into the existing native soils below the lowest proposed floor level and bottom of over-excavation may be utilized for shoring. The spacing of the soldier piles should not exceed 8 feet on center.

- b. Soldier piles should be embedded a minimum of 8 feet into competent native soils, but not less than the depth required for adequate support for the shored excavation. Soldier piles can be assumed fixed at 5 feet below the bottom of temporary excavation. Caving should be anticipated during the drilling of the soldier piles.
- c. A skin friction of 500 psf can be utilized for the embedded portion of the pile to determine vertical support.
- d. Passive earth pressure for that portion of the pile embedded in native soils may be computed as an equivalent fluid having a density of 250 pounds per cubic foot (pcf), with a maximum passive earth pressure of 3750 psf. The allowable passive earth pressure may be increased by 100% for isolated piles. Piles with spacing greater than 3 pile diameters on center can be considered isolated.
- e. Drilling of soldier piles should be observed and approved by a representative of the Geotechnical Engineer *prior* to placing steel or pouring concrete. The City Inspector should also be notified to inspect the soldier pile excavations *prior* to pouring concrete.
- f. The exposed earth materials should be inspected during excavation to determine where lagging may be necessary. Due to the sandy nature of the earth materials anticipated to be exposed in the temporary excavations, it is expected that lagging will be required throughout the majority of the excavation. Due to the arching effect of the soils, a maximum lagging pressure of 400 pounds per square foot may be used for design, providing piles are not spaced greater than 8 feet on center. All lagging should be placed as soon as possible after the excavation is made.

If wood lagging is used, care should be taken to fill all void spaces between the excavation face and the lagging. All timber lagging must be removed *prior* to permanent construction unless the timbers are properly treated. Any materials used for backfill behind the shoring and lagging should be free-draining.

5.5 Shallow Foundation Design

After removal and recompaction of the upper site soils as previously discussed in this report, conventional, shallow spread footings founded entirely within newly placed, certified compacted fill can be utilized for support of the proposed structure. The proposed new foundations along property lines will have to be at least as deep as any existing uncertified fill or existing adjacent footings which may be present on the neighboring properties. This may require deepening of the foundations in some areas, which would also require that the depth of over-excavation be similarly deeper, in order to maintain a minimum of 3 feet of newly placed compacted fill below the bottom of footings.

The following parameters may be used in the design of conventional, shallow spread footings.

5.5.1 Minimum Footing Dimensions

Minimum Exterior Footing Embedment Depth, Inches	Minimum Interior Footing Embedment Depth, Inches	Minimum Wall Footing Width, Inches	Minimum Isolated or Pad Footing Width, Inches
24	24	18	24

These embedment depths are below the lowest adjacent, final grade. Where located adjacent to utility trenches, footings shall extend below a 1:1 plane projected upward from the inside bottom of the trench.



5.5.2 Allowable Bearing Pressure and Lateral Resistance

Allowable net vertical soil bearing pressure, including dead and live loads, are given below for footings founded on compacted fill at the minimum required embedment depths, provided the footing width equals or exceeds the recommended minimum.

Support Material	Allowable Bearing Pressure, psf	Allowable Sliding Friction Coefficient	Allowable Passive Resistance, psf per foot of depth	Maximum Passive Resistance, psf
COMPACTED FILL	2500	0.35	250	2500

The bearing capacity can be increased by $\frac{1}{3}$ when considering short duration wind or seismic loads

Resistance to lateral loads can be assumed to be provided by friction along the base of the foundation, and by passive earth pressure on the side of the footing. The allowable friction coefficient may be used with the vertical dead loads, and the allowable lateral passive pressure can be utilized for the sides of footings to resist lateral loads. These allowable values can be increased by a factor of 1.5 to convert from allowable to ultimate values.

5.5.3 Foundation Settlement

Static settlement of proposed foundations due to dead and frequently applied live loads is not expected to exceed approximately $\frac{3}{4}$ -inch under the assumed loading conditions, and is expected to occur primarily upon initial application of loading. Differential settlement is not expected to exceed approximately $\frac{1}{4}$ inch over a span of 30 feet.

As described previously in this report, the maximum potential dynamic dry settlement due to seismic shaking is not expected to exceed approximately 0.60 inches, with potential maximum differential dynamic dry settlement of up to approximately 0.30 inches over a span of 30 feet.

5.5.4 Steel Reinforcement

All continuous foundations should be reinforced with a minimum of four #4 steel bars. Two of these should be placed near the top of the foundation, and two should be placed near the bottom. Final structural details of the footings, such as footing thickness, concrete strength, and amount of reinforcement, should be determined by the project Structural Engineer, but should comply with the above minimums. The upper onsite soils have an expansion index category of *very low*. Expansion index tests should be performed on the finished pad at the completion of grading, to confirm the expansion index of the blended, recompacted upper site soils.

5.5.5 Required Observations

Prior to placing concrete in the footing excavations, an observation should be made by the field representative of the Project Geotechnical Engineer to confirm that the footing excavations are free of loose and disturbed soils, and are embedded in the recommended earth materials.

5.6 Slab-On-Grade

All interior and exterior concrete slabs should be cast over properly compacted fill, as described in this report. If earthwork operations are conducted such that the construction sequence is not continuous, or if construction operations disturb the surface soils, it is recommended that the exposed subgrade to support concrete slabs be tested within a day of the concrete pour to verify adequate compaction and moisture conditions. If adequate compaction and moisture conditions are not demonstrated, the disturbed subgrade should be over-excavated, scarified, and recompacted in accordance with the guidelines in the *Site Preparation* section of this report *prior* to the slab being poured.



5.6.1 Structural Design

It is recommended that the proposed concrete building floor slab be a minimum of 5 inches thick, and reinforced with a minimum of #4 steel bars placed on 24-inch centers each way. The final structural details, such as (1) slab thickness, (2) concrete strength, (3) type, amount, and placement of reinforcing, and (4) joint spacing, should be established by the project Structural Engineer, but should comply with the minimum requirements given above. The onsite soils were found to be in the *very low* expansion range.

Cracking of concrete floor slabs can occur and is relatively common. Steel reinforcement and crack control joints are intended to reduce the risk of concrete slab cracking, as are the use of fiber reinforced concrete and proper concrete curing. In addition, concrete slabs are generally not perfectly level, but they should be within tolerances included in the project specifications.

Tile flooring can crack, reflecting cracks in the underlying concrete slab. Therefore, if tile flooring is used, the slab designer should consider additional steel reinforcement, above minimum requirements, in the design of concrete slab-on-grade where tile will be installed. Furthermore, the tile installer should consider installation methods, such as using a vinyl crack isolation membrane between the tile and concrete slab, to reduce the potential for tile cracking.

5.6.2 Vapor Barrier

It is recommended that a minimum 15-mil thick plastic vapor barrier be used under floor slabs in moisture sensitive areas. The vapor barrier should be installed in accordance with the recommendations contained in the latest version of ASTM E1643. In accordance with the latest standard of practice, it is recommended that the concrete slab be poured directly on top of the vapor barrier. No sand should be placed atop the vapor barrier. Seams of the vapor barrier should be overlapped and sealed. Where pipes extend through the vapor barrier, the barrier should be sealed to the pipes. Tears or punctures in the vapor barrier should be completely repaired *prior* to placement of concrete. The concrete mix should be designed so as to minimize possible curling of the slab. The concrete slab should be allowed to cure properly before placing vinyl or other moisture-sensitive floor covering.

5.7 Retaining Wall Design Criteria

The following retaining wall design information is provided for use in the design of retaining walls which are anticipated to be required due to the difference in elevation between the subject site and adjacent areas, and/or for elevator pit walls. It is anticipated that any retaining walls which may be required for these purposes will be a maximum of approximately 6 to 7 feet in height. The incorporation of seismic lateral earth pressures into the design of retaining walls is required for walls retaining more than 6 feet of earth materials. The following criteria may be utilized in the design of retaining walls.

5.7.1 Foundations

Foundations for retaining walls may be designed utilizing the parameters found in the *Foundation Design* section of this report. Retaining walls should also be supported entirely within newly placed compacted fill, in accordance with the requirements described in the *Site Preparation* section of this report.

5.7.2 Static Lateral Earth Pressures

The earth pressure behind retaining walls depends on the allowable wall movement, type of backfill materials, backfill slope, wall inclination, surcharge, any hydrostatic pressures, and compaction effort. The following equivalent fluid pressures are recommended for vertical walls with no hydrostatic pressure, no surcharge, no seismic effects, and level backfill.

Wall Movement	Equivalent Fluid Unit Weight, pcf			
	Clean Sand or Gravel Backfill (GW, GP, SW, SP)	Silty Sand or Silty Gravel Backfill (SM, GM)	Clayey Sand, Clayey Gravel Backfill (SC, GC)	Silts, Clays (ML, CL)
FREE TO DEFLECT	30	40	45	55
RESTRAINED	40	50	60	70

These values are applicable for the earth materials which are present between the wall stem and an imaginary plane rising at a 45-degree angle from below the edge (heel) of the wall footing. If the on-site soil is used as backfill within this zone, the equivalent fluid unit weight associated with a soil classification of SC should be used. Where walls are to be designed to resist hydrostatic pressure in addition to lateral earth pressure, the above values may be divided by a factor of 2, and then added to the full hydrostatic pressure of 62.4 pounds per cubic foot.

The surcharging effect of anticipated adjacent loads on walls due to traffic, footings, or other loads, should be included in the wall design. The magnitude of lateral load due to surcharging depends on the magnitude of the surcharge, the size of the surcharge-loaded area, and the distance of the surcharge from the wall. We can provide assistance in evaluating the effects of surcharge loading, if desired, once details are known and provided.

5.7.3 Seismic Lateral Earth Pressures

In accordance with the requirements of the 2016 California Building Code, seismic lateral force should be incorporated into the design of all retaining walls retaining more than 6 feet of earth materials. A seismic lateral force of $30H^2$ pounds per lineal foot of wall should be added to walls retaining more than 6 feet of earth materials, where H is the retained height, in feet. This force should be applied at a height of 0.6H above the base of the wall, and is in addition to the static lateral earth pressure given above.

5.7.4 Backfill and Drainage

Except for the upper 2 feet, the soil immediately adjacent to backfilled retaining walls should be free-draining filter material (such as Caltrans Class 2 permeable material), or gravel wrapped in filter fabric, within a minimum horizontal distance of 1-foot from the back face of the wall. As an alternative to either one of these, a drainage tile product such as Miradrain may be applied to the back face of wall, over the waterproofing. Weep holes and/or a subdrain pipe, as appropriate, should be installed at the base of retaining walls. Subdrain pipe should consist of a minimum 4-inch-diameter perforated PVC pipe meeting ASTM D2729 or better, surrounded by a minimum of 1 cubic foot of gravel per lineal foot of pipe, and the entire pipe and gravel system wrapped in filter fabric, such as Mirafi 140N. Accordion or similar type pipe is *not* acceptable for subdrain pipe. The top 2 feet should be backfilled with less permeable compacted fill to reduce infiltration. Figure 7 shows *Typical Retaining Wall Drainage Details*. All retaining walls should be properly waterproofed.

During grading and backfilling operations adjacent to any wall, heavy equipment should not be allowed to operate within 5 feet laterally of the wall or within a lateral distance equal to the wall height, whichever is greater, to avoid developing excessive lateral pressures. Within this zone, only hand-operated equipment should be used to compact the backfill soils.

The retaining wall backfill should be benched into the backcut where the backcut is sloped less than (flatter) 0.75(H):1.0(V).

5.8 Concrete Pavement

5.8.1 Grading

All exterior areas to receive concrete paving should be graded in accordance with the general recommendations for site grading as described in the *Site Preparation* section of this report. In the proposed driveway areas, and



any other exterior flatwork areas (walkways, patios, etc.), all existing fill material and loose or disturbed soils should be removed and recompacted. The depth of over-excavation should extend to a minimum of 12 inches below either existing grade, or the bottom of future concrete or aggregate base section, whichever is deeper. If test results show that these moisture and compaction requirements do not exist just *prior* to placing base or subbase materials, the surface should be scarified, moisture conditioned, and properly recompacted. The subgrade should be proof-rolled to check for soft spots.

5.8.2 Maintenance

Pavement section design assumes that proper maintenance practices, such as sealing and repair of localized areas of distress, are employed throughout the design life of the pavement.

5.8.3 Concrete Pavement Design

Subgrade for support of exterior concrete should be prepared as described in the *Site Preparation* section of this report. Any exterior concrete pavement which may be subject to vehicular traffic should be a minimum of 5 inches thick, and be underlain by a minimum of 4 inches of aggregate base. Concrete flatwork subject only to pedestrian traffic (i.e. walkways, patios, etc.) should be a minimum of 4 inches thick, and may be placed directly on compacted subgrade consisting of the onsite, relatively sandy soils. All exterior concrete should be reinforced with a minimum of #4 steel bars on 24-inch centers each way, and suspended in the middle of the slab with chairs or other approved devices.

6. OBSERVATIONS AND TESTING

Prior to the start of site preparation and/or construction, we recommend that a meeting be held with the Contractor to discuss the project. We recommend that AGS be retained to perform the following tasks prior to and/or during construction. Please advise AGS a minimum 24 hours prior to any required site visit. All approved plans, permits, and geotechnical reports must be at the jobsite and be made available during inspections.

- a. *Review grading, foundation, and drainage plans to verify that the recommendations contained in this report have been properly interpreted and are incorporated into the project specifications. If we are not accorded the opportunity to review these documents, we can take no responsibility for misinterpretation of our conclusions and recommendations.*
- b. *Observe and advise during all grading activities, including site preparation, foundation excavation, shoring installation, and placement of fill, to confirm that suitable fill soils are placed upon competent material and to allow design changes if subsurface conditions differ from those anticipated prior to the start of construction.*
- c. *Observe the installation of all drainage devices.*
- d. *Test all fill placed for engineering purposes to confirm that suitable fill materials are used and properly compacted.*

7. LIMITS AND LIABILITY

All building sites are subject to elements of risk that cannot be wholly identified and/or entirely eliminated. Building sites are subject to many detrimental geotechnical hazards, including but *not* limited to the effects of water infiltration, erosion, concentrated drainage, total settlement, differential settlement, expansive soil movement, seismic shaking, fault rupture, landsliding, and slope creep. The risks from these hazards can be reduced by employing subsurface exploration, laboratory testing, analyses, and experienced geotechnical judgment. Many geotechnical hazards, however, are highly dependent on the property owner properly maintaining the site, drainage facilities, and slope and by correcting any deficiencies found during occupancy of



the property in a timely manner. Even with a thorough subsurface exploration and testing program, significant variability between test locations and between sample intervals may exist. Ultimately, geotechnical recommendations are based on the experience and judgment of the geotechnical professionals in evaluating the available data from site observations, subsurface exploration, and laboratory tests. Latent defects can be concealed by earth materials, deposition, geologic history, and existing improvements. If such defects are present, they are beyond the evaluation of the geotechnical professionals. No warranty, expressed or implied, is made or intended in connection with this report, by furnishing of this report, or by any other oral or written statement. Owners and developers are responsible for retaining appropriate design professionals and qualified contractors in developing their property and for properly maintaining the property. Retaining the services of a geotechnical consultant should *not* be construed to relieve the Owner, Developer, or Contractors of their responsibilities or liabilities.

The analysis and recommendations submitted in this report are based in part on our subsurface exploration, laboratory testing, site observations, and provided data on geology and the proposed site development. Our descriptions and the boring logs may show distinctions between fill and native soils, between native (e.g., alluvium, colluvium, slopewash) and bedrock formation, and between soil type (e.g., sands and silty sands). Such distinctions were based on geologic information, grading plans when available, intermittent recovered soil/bedrock samples, and judgment. Delineations between these categories of materials may not be perfect and may be subject to change as more information becomes available. For example, judgments may be clouded when recovered samples are intermittent and small in comparison to the volume of soil under study, and macrostructure that would aid the identification process are not as apparent as they would be when the borehole is geologically downhole logged by entering the excavation. When the age of the fill is old, the difference between the structure of the fill and native materials may be less pronounced, or the degree of bedrock formation weathering sometimes makes it difficult to distinguish between overlying alluvium, colluvium, or slopewash and weathered bedrock formational material. In general, our recommendations are based more on the properties of the materials than on the category of the material type such as fill, alluvium, colluvium, slopewash, or bedrock formation. Furthermore, the actual stratigraphy may be more variable than shown on the logs.

Although this report may comment or discuss construction techniques or procedures for the design engineer's guidance, this report should *not* be interpreted to prescribe or dictate construction procedures or to relieve the contractor in any way of their responsibility for the construction.

Please be aware that the contract fee for our services to prepare this report does not include additional work that may be required, such as grading observation and testing, footing observations, plan review, or responses to governmental (regulatory) plan reviews associated with you obtaining a building permit. Where additional services are requested or required, you will be billed for any equipment costs and on an hourly basis for consultation or analysis.

The Geotechnical Engineer's actual scope of work during construction is very limited and does *not* assume the day-to-day physical direction of the work, minute examination of the elements, or responsibility for the safety of the contractor's workers. Our scope of services during construction consists of taking soil tests and making visual observations, sometimes on only an intermittent basis, relating to earthwork or foundation excavations for the project. We do *not* guarantee the contractor's performance, but rather look for general conformance to the intent of the plans and geotechnical report. Any discrepancy noted by us regarding earthwork or foundations will be referred to the Owner, project Engineer, Architect, or Contractor for action.

This report is issued with the understanding that it is the responsibility of the Owner, or of their representative, to ensure that the information and recommendations contained herein are called to the attention of the Architect and Engineers for the project and incorporated into the plan and that the necessary steps are taken to see that the Contractor carry out such recommendations in the field. Advanced Geotechnical Services, Inc., (AGS) has prepared this report for the exclusive use of the Client and authorized agents, and this report should *not* be



considered transferable. We do recommend, however, that the report be given to future property Owners for the sole purpose of disclosing the report findings.

Findings of this report are valid as of the date of issuance. Changes in conditions of a property may occur with the passage of time whether attributable to natural processes or works of man on this or adjacent properties. Furthermore, changes in applicable or appropriate standards occur due, for example, to legislation and broadening of knowledge. Accordingly, findings of this report may be invalidated wholly or partially by changes outside our control. Therefore, *this report is subject to our review and remains valid for a maximum period of one year, unless we issue a written opinion of its continued applicability thereafter.*

In the event that any changes in the nature and design (including structural loadings different from those anticipated), or other improvements are planned, the conclusions and recommendations contained in this report shall *not* be considered valid unless the changes are reviewed and conclusions of this report modified or verified in writing.

This report may be subject to review by controlling agencies, and any modifications they deem necessary should be made a part thereof, subject to our technical acceptance of such modifications. All submissions of this report should be in its entirety. Under no circumstances should this report be summarized and synthesized to be quoted out of context for any purpose.

Test findings and statements of professional opinion do *not* constitute a guarantee or warranty, and *no* warranties, either expressed or implied, are made as to the professional advice provided under the terms of this agreement. We have strived, however, to provide our services in accordance with generally accepted geotechnical engineering practices in this community at the time of this report.



Appendix A

Field Exploration and Boring Logs



Appendix A

Field Exploration and Boring Logs

The field exploration included a site reconnaissance and subsurface exploration. During the site reconnaissance, the surface site conditions were noted, and the approximate locations of any exploration points were determined. The following descriptions of exploration methods are generic and may include methods not used on this project. Reference to the boring logs can be made to determine which methods are applicable to this project, and any differences between what is described below and actually occurred is described on the boring logs or in the main body of the report.

The test borings were advanced by either hand digging, digging with a backhoe, or drilling. In the case of drilling, a truck-mounted rotary drilling rig with a hollow-stem auger or bucket was used to advance the borings. When we expect to encounter shallow groundwater, a wet rotary drilling operation is usually used. The method actually used is noted on the boring logs. For geologic studies when the need for visual examination of the bedding and other stratigraphic features is needed along with engineering data, the larger bucket augers are used to allow a geologist to enter the excavation for visually logging the hole. When geologically logging borings and trenches, the sides are scraped prior to logging. A prefix B is used to designate a boring made with a drilling rig. When hand dug, the boring numbers have a prefix HB. When a backhoe was used, prefixes TP (test pit) or T (trench) are used. The difference between a trench and test pit being the length of the exploration; a trench being a long narrow exploration, most commonly used for fault studies. In each case, the soils were logged by technical personnel from our office and visually classified in the field in general accordance with the Unified Soil Classification system. The field descriptions have been modified as appropriate to reflect laboratory results when preparing the final boring logs.

Relatively undisturbed samples of the subsurface materials were obtained at appropriate intervals in the borings using a steel drive sampler (2.5-inches inside diameter, 3-inches outside diameter) lined with brass, one-inch-high sample rings with a diameter of 2.4 inches. This is referred to as a modified California sampler. The boring may be advanced by drilling with a hollow-stem auger or with a wet rotary operation. If below the groundwater, the hollow-stem is filled with water or drilling mud to counteract the fluid pressure of the groundwater. The sampler was usually driven into the bottom of the borehole with successive drops of a 140-pound safety hammer connected to the sampler with either A or AW rod and falling 30 inches. An automatic hammer is usually used when drilling with a CME dill rig, and a Safe-T-Driver is used when drilling with a Mobile drill rig. When above the groundwater level, a downhole Safe-T-Driver is usually used. Studies have shown that hammer efficiencies of the automatic hammer is over 90% while that of the Safe-T-Driver is about 70%, based on impact velocities. When a bucket auger is used to advance the boring, the driving weights change with depth, depending on the weight characteristics of the telescoping kelley bar, but the height of fall is usually 18 inches. Sampler driving resistance, expressed as blows per 6 inches of penetration, is presented on the boring logs at the respective sampling depths. When the borings or trenches are excavated with a backhoe, the sampler is pushed into the soil with the force of the backhoe. A hand sampler is used when the borings or trenches are advanced by hand digging or in some cases when a backhoe is used to make the excavation. This hand sampler is similar to the conventional California sampler, but lighter weight. An approximately 8-pound hammer falling about 18 inches is used to drive the hand sampler about 6 inches into the bottom of the exploration. The type of sampler used is noted on the boring logs. In some cases, the hammer weight and falling distance deviate from those given above. The actual conditions are shown on the boring logs and supersede the conditions given above.

Ring samples were retained in close-fitting, moisture tight containers for transport to our laboratory for testing. Bulk samples, which were collected from cuttings, were placed in bags and transported to our laboratory for testing.

When noted on the boring logs, standard penetration test (SPT) samples were obtained using either a 20-inch or a 32-inch long split-barrel sampler with a 2-inch outside diameter and a 1.375-inch inside diameter when liners are



used (1.5-inch inside diameter without liners). Unless noted otherwise, liners are used. This sampler is driven into the soil with successive drops of a 140-pound, safety hammer falling 30 inches. The blows are recorded for each 6 inches of penetration for a total penetration of 18 or 24 inches. The sum of the number of blows for the last 12 inches of an 18-inch penetration or the middle 12 inches of a 24-inch penetration is referred to as the N value.

Logs, which are presented on Plates at the end of this Appendix, include a description and classification of each stratum, sample locations, blow counts, groundwater conditions encountered during drilling, results from selected types of laboratory tests, and drilling information. Keys to *Soil and Bedrock Symbols and Terms* are included on Plate A-1 and Plate A-2.

Each boring or trench, unless noted otherwise, was backfilled with cuttings at the completion of the logging and sampling. The backfill, however, may settle with time, and it is the responsibility of our client to ensure that such settlement does *not* become a liability.

Major Divisions	USCS Group Symbols	Typical Names	
Coarse Grained Soils (More than half of material is larger than No. 200 sieve)	Gravels (More than half of coarse fraction is larger than No. 4 sieve) Clean gravels (Little or no fines) Gravels with fines (Appreciable amount of fines)	GW Well-graded gravels, gravel-sand mixtures, little or no fines	
		GP Poorly graded gravels, gravel-sand mixtures, little or no fines	
		GM Silty gravels, gravel-sand-silt mixtures	
		GC Clayey gravels, gravel-sand, clay mixtures	
	Sands (More than half of coarse fraction is smaller than No. 4 sieve) Clean sands (Little or no fines) Sands and fines (Appreciable amount of fines)	SW Well-graded sands, gravelly sand, little or no fines	
		SP Poorly graded sands, gravelly sands little or no fines	
		SM Silty sands, sand-silt mixtures	
		SC Clayey sands, sand-clay mixtures	
		Fine Grained Soils (More than half of material is smaller than No. 200 sieve)	ML Silts and very fine sands, rock-flour, silty or clayey fine sands, or clayey silts with slight plasticity
			CL Inorganic clays of low or medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
OL Organic silts and organic silty clays of low plasticity			
MH Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts			
Silty and Clays Liquid Limit < 50	CH Inorganic clays of high plasticity, fat clays		
	OH Organic clays of medium to high plasticity, organic silts		
	PT Peat and other highly organic soils		
Silty and Clays Liquid Limit > 50			
Highly Organic Soils			

Terms used in this report for describing soils according to their texture or grain size distributions are generally in accordance with the Unified Soil Classification System.

Terms Describing Density and Consistency

Coarse Grained soils (major portion retained on No. 200 sieve) include (1) clean gravels, (2) silty or clayey gravels, and (3) silty, clayey, or gravelly sands. Relative density is related to SPT blow count corrected for overburden pressure or drive energy.

Density	SPT N Value Blows/Ft	Relative Density %
Very Loose	vi 0 to 4	0 to 15
Loose	l 4 to 10	15 to 35
Medium Dense	md 10 to 30	35 to 65
Dense	d 30 to 50	65 to 85
Very Dense	vd > 50	85 to 100

Fine Grained soils (major portions passing No. 200 sieve) include (1) inorganic and organic silts and clays, (2) gravelly, sandy, or silty clays, and (3) clayey silts. Consistency is rated according to shear strength as indicated by penetrometer readings, direct shear, or SPT blow count.

Consistency	Shear Strength, ksf	SPT N Value
Very Soft	< 0.25	0 to 2
Soft	0.25 to 0.50	2 to 4
Firm	0.50 to 1.00	4 to 8
Stiff	1.00 to 2.00	8 to 16
Very Stiff	2.00 to 4.00	16 to 32
Hard	> 4.00	> 32

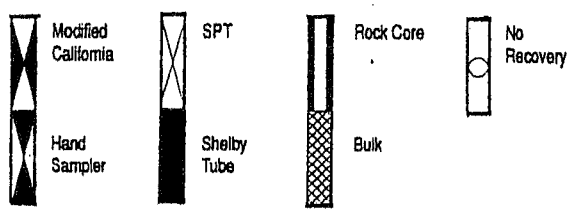
Terms Characterizing Soil Structure

- Slickensided** Having inclined planes of weakness that are slick and glossy in appearance.
- Fissured** Containing shrinkage cracks, frequently filled with fine sand or silt; usually more or less vertical.
- Laminated** Composed of thin layers of varying color and texture.
- Interbedded** Composed of alternate layers of different soil types.
- Calcareous** Containing appreciable quantities of calcium carbonate.
- Well Graded** Having wide range in grain sizes and substantial amounts of intermediate particle sizes.
- Poorly Graded** Predominately one grain size, or having a range of grain sizes with some intermediate sizes missing.
- Porous** Having visibly apparent void spaces through which water, air, or light may pass.

Legend of Laboratory Tests

- G - Grain Size
- A - Atterberg Limits
- P - Compaction
- S - Swell/Expansion
- C - Consolidation
- DS - Direct Shear
- U - Unconfined
- T - Triaxial
- PP - Pocket Penetrometer
- CH - Chemical

Sampler Type



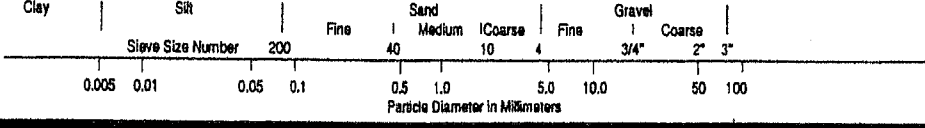
Soil Moisture

- From low to high, the moisture content is indicated by:
- Dry D
 - Slightly Moist SI M
 - Moist (near optimum for compaction) M
 - Very Moist VM
 - Wet W

Size Proportions

Designation	Percent by Weight
Trace	< 5
Few	5 to 10
Little	15 to 25
Some	30 to 45

Grain Size Distribution





Degree of Weathering Diagnostic Feature					
Descriptive Term	Discoloration Extent	Fracture Condition	Surface Characteristics	Original Texture	Grain Boundary Condition
Unweathered	None	Closed or discolored	Unchanged	Preserved	Tight
Slightly Weathered	Less 20% of fracture spacing on both sides of fracture	Discolored, may contain thin filling	Partial discoloration	Preserved	Tight
Moderately Weathered	Greater than 20% of fracture spacing on both sides of fracture	Discolored, may contain thick filling, cemented rock	Partial to complete discoloration, not friable except poorly cemented rocks	Preserved	Partial Opening
Highly Weathered	Throughout		Friable and possibly pitted	Mainly Preserved	Partial Separation
Completely Weathered	Throughout		Resembles a soil	Partly Preserved	Complete Separation

Discontinuity Spacing			
Description for Structural Feature: Bedding, Foliation, or Flow Banding	Spacing		Description for Joints, Faults, or Other Fractures
Very Thickly (Bedded, Foliated, or Banded)	More than 2 m	More than 6 ft	Very Widely (Fractured or Jointed)
Thickly	60 cm to 2 m	2 to 6 ft	Widely
Moderately	20 to 60 cm	8 to 24 in.	Medium
Thinly	60 to 200 mm	2.5 to 8 in.	Closely
Very Thinly	20 to 60 mm	0.75 to 2.5 in.	Very Closely
Description for Microstructural Features: Bedding, Foliation, or Cleavage			
Intensely (Laminated, Foliated, or Cleaved)	6 to 20 mm	0.25 to 0.75 in.	Extremely Close
Very Intensely	< 6 mm	< 0.25 in.	

Graphic Symbols - Bedrock				Rock Hardness	
	Breccia		Intrusive Igneous	Classification	Field Test
	Claystone		Limestone	Very Weak	Can be dug by hand and crushed with fingers.
	Conglomerate		Metamorphic	Weak	Friable, can be gouged deeply with a knife and will crumble readily under light hammer blows.
	Extrusive Igneous		Sandstone	Moderately Strong	Can be peeled with a knife. Material crumbles under firm blows with the sharp end of a geologic pick.
			Shale	Strong	Cannot be scraped or peeled with a knife point. Hand held specimen breaks with firm blows of the pick.
			Siltstone	Very Strong	Difficult to scratch with knife point. Cannot break hand held specimen.
			Slate		

Separation of Fracture Walls		Surface Roughness	
Description	Separation of Walls, mm	Description	Classification
Closed	0	Smooth	Appears smooth and is essentially smooth to the touch. May be slickensided.
Very Narrow	0 to 0.1	Slightly Rough	Asperities on the fracture surfaces are visible and can be distinctly felt.
Narrow	0.1 to 1.0	Medium Rough	Asperities are clearly visible and fracture surface feels abrasive to the touch.
Wide	1.0 to 5.0	Rough	Large angular asperities can be seen. Some ridge and high-side angle steps evident.
Very Wide	> 5.0	Very Rough	Near vertical steps and ridges occur on the fracture surface.

Fracture Filling	
Description	Definition
Clean	No fracture filling material
Stained	Discoloration of rock only. No recognizable filling material.
Filled	Fracture filled with recognizable filling material.

Where slickensides are observed, the direction of the slickensides should be recorded after the standard discontinuity surface description.



Boring Log B-1

Sheet 1 of 3

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/4/18

Comment SWC Santa Clara Street & Palm Street

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
5	19 25 19		[Cross-hatched symbol]	Artificial Fill (Af) Medium brown Clayey Silty SAND with Gravels, dry, medium dense, fine to coarse grained		107.7	6.5			
	32 35 38		[Cross-hatched symbol]	Medium brown Clayey Silty SAND with Gravels, dry, medium dense to dense, pieces of concrete, fine to coarse grained		110.3	8.5			
	8 22 24		[Cross-hatched symbol]	Medium brown Clayey Silty SAND with Gravels, dry to slightly moist, medium dense to dense, pieces of concrete rootlets near base of unit, fine to coarse grained		100.2	5.3			
10	7 14 16		[Dotted symbol]	Alluvium (Qa) Medium brown Silty SAND with small Gravels with occasional to 3" diameter, sub-angular, slightly moist, medium dense, fine to coarse grained		76.8	26.1			
	15 14 13		[Dotted symbol]	Medium brown Silty coarse SAND with small Gravels, sub-angular to sub-rounded, slightly moist, medium dense.		90.5	10.0			
15	8 10 13		[Diagonal lines symbol]	Dark brown Clayey SAND with occasional sub-angular Gravels, moist, medium dense		99.4	18.5	38.0		
	11 16 33		[Diagonal lines symbol]	Yellowish brown Sandy CLAY with frequent coarse Sands and small Gravels, sub-angular, moist, stiff.		108.7	14.0			
20	14 22 29		[Diagonal lines symbol]			96.8	17.9			
	35 50-5"		[Dotted symbol]	Yellowish brown slightly Silty fine to coarse SAND, sub-angular to sub-round, slightly moist, medium dense.		101.3	9.9			



Boring Log B-1

Sheet 2 of 3

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/4/18

Comment SWC Santa Clara Street & Palm Street

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
24-27				Medium brown slightly Silty fine to coarse SAND with occasional sub-round Gravels, slightly moist, medium dense.		106.4	14.4	20.0		
23-30				Occasional clayey lenses		88.3	23.9	24.8		
13-25				Medium brown Sandy Silty CLAY with occasional angular to sub-angular Gravel, moist to very moist, stiff.		85.3	39.6	52.7		
41-50-4"				Medium brown slightly Silty fine to coarse SAND and sub-angular GRAVELS, well-sorted, moist, very dense.		99.7	10.8	11.1		
25-50-5"				Medium brown CLAY to Sandy CLAY with frequent coarse Sand grains and small sub-angular to sub-round Gravels, gravel surfaces polished and wet, very moist, very stiff.		103.5	18.5			
25-31				Medium brown slightly Silty Gravelly SAND, sub-angular shale and sandstone gravels, slightly moist, dense		104.3	9.4			
31-31				Yellowish brown fine SAND with occasional coarse grains, slightly moist to moist, dense.						



Boring Log B-1

Sheet 3 of 3

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/4/18

Comment SWC Santa Clara Street & Palm Street

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
	21			Medium yellowish brown Slightly Clayey Silty SAND with frequent coarse Sand grains, white calcium carbonate staining on veinlets and small hard nodule, wet on coarsse grained surfaces, moist, medium dense to dense.			105.3	16.1		
	21									
	22									
65				<p>Total Depth Explored 61.5 feet No Groundwater Encountered Boring backfilled with cuttings 12/4/2018</p>						
70										
75										
80										
85										



Boring Log B-2

Sheet 1 of 1

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/4/18

Comment Alley SW of Santa Clara Street & Palm Street

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
5		5	[Cross-hatched symbol]	Artificial Fill (Af) Grayish medium brown Silty SAND with occasional Gravels, dry, loose, fine to coarse grained			93.3	7.0		E.I.= 5
		6		Grayish medium brown Silty SAND with occasional Gravels, dry, loose, fine to coarse grained			90.9	8.3		
10		9	[Dotted symbol]	Medium brown Silty SAND with occasional sub-angular Gravels, dry, medium dense, fine to coarse grained						
		12		Alluvium (Qa) Medium brown slightly Silty SAND with sub-angular Gravels, dry, medium dense, fine to coarse grained			105.0	6.8		
		16		Medium brown slightly Silty SAND with sub-angular Gravels, dry, very dense, fine to coarse grained			110.7	7.2		
15		20	[Dotted symbol]	Medium brown slightly Silty SAND with sub-angular Gravels, dry, very dense, fine to coarse grained			107.9	6.7		
		24		Medium brown slightly Silty fine to coarse SAND with GRAVELS, sub-angular to sub-rounded, dry, very dense.			101.7	12.9		
20		17	[Diagonal hatched symbol]	Dark brown Clayey SAND to Sandy CLAY, frequent coarse grains and occasional Gravels, slightly moist, medium dense to stiff, minor root hairs, porous (1/8" diameter).						
		16		@18 color change						
25		19	[Diagonal hatched symbol]	Medium yellowish brown Clayey SAND with sub-angular Gravels, slightly moist, dense, fine to coarse grained			106.2	9.8		
		30		Medium brown slightly Silty fine to coarse SAND, sub-angular to sub-rounded Gravels, slightly moist to dry, dense.			109.7	8.3		
		21	[Dotted symbol]	Medium brown slightly Silty fine to coarse SAND, sub-angular to sub-rounded Gravels, slightly moist to dry, dense.						
		21		Total Depth Explored 26.5 feet No Groundwater Encountered Boring backfilled with cuttings 12/4/2018						



Boring Log B-3

Sheet 1 of 1

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/5/18

Comment W of Palm Street & N of HYW 126

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
				<p>Artificial Fill (Af) Asphalt (1" thick) over medium brown slightly Silty SAND and GRAVEL, slightly moist to moist.</p>						
				<p>Alluvium (Qa)</p>						
5		8 15 27		<p>Medium yellow brown fine to coarse SAND and GRAVEL, well-graded, sub-angular, moist, medium dense to dense.</p>			106.2	8.3		
		22 27 29		<p>Medium yellow brown fine to coarse SAND and GRAVEL, well-graded, sub-angular, moist, dense.</p>			91.8	9.2		
		19 35 27		<p>Medium yellow brown fine to coarse SAND and GRAVEL, well-graded, sub-angular, moist, dense.</p>			108.0	7.6		
10		19 21 26		<p>Medium yellow brown fine to coarse SAND and GRAVEL, well-graded, sub-angular to sub-rounded, thin lenses of fine Sand, moist, dense.</p>			97.2	9.2		
		15 19 21		<p>Medium yellow brown fine to coarse SAND and GRAVEL, well-graded, sub-angular to sub-rounded, moist, medium dense to dense.</p>			101.9	6.8		
15		5 7 11		<p>Medium brown slightly Sandy CLAY, occasional coarse Sands, sub-angular, moist, stiff, abundant white calcium carbonate stained rootlets and minor nodules (<1/8").</p>			103.3	15.8		
20		10 15 19		<p>Medium yellow brown Sandy CLAY to Clayey SAND with Gravels, angular to sub-angular, slightly moist to moist, medium dense to stiff.</p>			104.8	10.8		
25		19 40 45		<p>Medium yellow brown SAND and GRAVELS, fine to coarse, well-graded, sub-angular, slightly moist, very dense.</p>			97.2	10.6		
				<p>Total Depth Explored 26.5 feet No Groundwater Encountered Boring backfilled with cuttings 12/5/2018</p>						



Boring Log B-4

Sheet 1 of 2

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/4/18

Comment NEC of HYW 126 & alley

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
				Artificial Fill (Af) Asphalt (1" thick) over Dark brown to medium brown Silty SAND with coarse grains and GRAVEL, slightly moist.						E.I.= 1
		8 13 16		Alluvium (Qa) Medium brown slightly Silty fine to coarse SAND and GRAVEL, sub-angular to sub-round, slightly moist, medium dense.			102.1	8.1		
5		17 19 20		Medium brown slightly Silty fine to coarse SAND and GRAVEL, sub-angular to sub-round, moist, medium dense.			102.6	11.0		
		34 21 32		Medium brown slightly Silty fine to coarse SAND with occasional sub-rounded Gravel, well-graded, moist, dense.			99.4	10.3		
10		22 22 18		Medium brown slightly Silty fine to coarse SAND with occasional sub-rounded Gravel, well-graded, moist, medium dense, occasional clayey lenses			104.1	9.8		
		24 28 36		Grayish brown fine to coarse SAND and Gravel lenses, well-graded, moist, dense.			96.2	10.0		
15		19 13 12		Medium brown fine to coarse SAND with sub-rounded GRAVELS, well-graded, slightly moist, medium dense.			103.3	7.4		
		7 9 11		Medium brown Clayey SAND with frequent coarse grains and small Gravels, sub-angular, slightly moist to moist, medium dense, white calcium carbonate staining of root hairs.			109.0	14.4	42.3	
20		30 30 35		Medium brown slightly Clayey SAND with frequent sub-angular coarse Sand grains and Gravels, slightly moist to moist, dense.			110.7	13.6		
25				Medium yellow brown Silty SAND to very fine SAND with trace coarse grains, moist, dense.						



Boring Log B-4

Sheet 2 of 2

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/4/18

Comment NEC of HYW 126 & alley

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
	11 13 42						104.2	12.1	36.5	
35	12 17 19			Medium brown Sandy CLAY, some sub-angular Gravel, very moist, stiff.			85.0	30.7	70.2	
40	15 25 33			Medium brown Sandy CLAY to Clayey SAND with frequent coarse grains and occasional sub-angular to sub-rounded Gravels, moist, medium dense to stiff.			105.0	19.5	33.3	
45	23 50-6"			Medium brown Clayey SAND with frequent coarse grains and increasing Gravels, sub-angular to sub-rounded, moist, dense.			106.5	17.8		
50	23 24 26			No Recovery						
55				<p>Total Depth Explored 51.5 feet No Groundwater Encountered Boring backfilled with cuttings 12/4/2018</p>						



Boring Log P-1

Sheet 1 of 1

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/5/18

Comment W of Palm & N of HWY 126

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
5		12 30		<p>Artificial Fill (Af) Asphalt (1" thick) over medium brown slightly Silty SAND and GRAVEL, slightly moist.</p>			103.4	7.4		
				<p>Alluvium (Qa) Yellowish brown fine to coarse SAND and GRAVEL, well-graded Sands, sub-angular, moist, very dense.</p>						
<p>Total Depth Explored 5 feet No Groundwater Encountered Perforated pipe placed and boring covered for percolation testing</p>										



Boring Log P-2

Sheet 1 of 1

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/5/18

Comment W of Palm & N of HWY 126

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
0 - 1				Artificial Fill (Af) Asphalt (1" thick) over medium brown slightly Silty SAND, slightly moist.						
1 - 14				Alluvium (Qa) Medium brown fine to coarse SAND and GRAVEL, moist. Color change and coarsening to medium yellowish brown fine to coarse SAND and GRAVEL, slightly moist to moist.						
14 - 16		7 17		Dark to medium brown slightly Sandy CLAY, moist.			81.0	15.4		
16 - 16				Total Depth Explored 16 feet No Groundwater Encountered Perforated pipe placed and boring covered for percolation testing						



Boring Log P-3

Sheet 1 of 1

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/5/18

Comment N of HYW 126 between Palm Street & alley

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
				<p>Artificial Fill (Af) Asphalt (1" thick) over Dark brown to medium brown Clayey Silty SAND to Clayey Sandy SILT with GRAVEL and some coarse Sand grains, slightly moist, minor rootlets at base of unit.</p>						
5		7 15		<p>Alluvium (Oa) Medium yellowish brown Silty SAND with GRAVEL, angular to sub-angular, slightly moist to dry, medium dense to dense, minor roots (<math>\leq 1/8''</math> diameter).</p>			101.5	6.7		
10				<p>Total Depth Explored 5 feet No Groundwater Encountered Perforated pipe placed and boring covered for percolation testing</p>						
15										
20										
25										



advanced geotechnical services, inc.

Boring Log P-4

Sheet 1 of 1

Project Peoples' Self-Help Housing Client No. 4894 Date Drilled 12/5/18

Comment N of HYW 126 between Palm Street & alley

Drilling Company/Driller Choice Drilling Equipment Hollow-Stem Auger

Driving Weight (lbs) 140 lbs Average Drop (in.) 30" Hole Diameter (in.) 8"

Elevation _____ ft Depth to Water _____ ft After _____ hrs on _____ Logged By CMW

Depth, ft	Sample	Blows/6"	Graphic Symbol	Description of Material		Attitudes	Dry Unit Weight, pcf	Moisture Content, %	#200, %	Other Tests
				<p>This log, which is part of the report prepared by Advanced Geotechnical Services, Inc. for the named project, should be read together with that report for complete interpretation. This summary applies only at this boring location and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>						
5				Artificial Fill (Af) Asphalt (1" thick) over medium brown slightly silty SAND and GRAVEL, slightly moist.						
				Alluvium (Qa) Medium brown fine to coarse SAND and GRAVEL, slightly moist to moist.						
				Color change to yellowish brown Silty fine to coarse SAND with GRAVEL, slightly moist.						
15		8 11		Medium brown Sandy CLAY to Clayey SAND with occasional Gravel and coarse Sand grains, moist, stiff to medium dense, minor white calcium carbonate staining.						
20				Total Depth Explored 16 feet No Groundwater Encountered Perforated pipe placed and boring covered for percolation testing			79.9	17.6		
25										



Appendix B
Laboratory Testing



Appendix B Laboratory Testing

A laboratory test program is designed for each project to evaluate the physical and mechanical properties of the soil and bedrock materials encountered at the site during our field exploration program. Laboratory tests were conducted on representative samples for the purpose of classification and determining their properties for use in analyses and evaluations. The most common laboratory tests include moisture-density, Atterberg limits, grain-size analyses (sieve and hydrometer analyses), sand equivalent, direct shear, consolidation, compaction, expansion index, and *R*-values. The following descriptions of test methods are generic and may include methods not used on this project. Reference to the boring logs and test results on Plates attached to this appendix will show which tests were performed for this project. Laboratory testing is performed in general accordance with the most recent ASTM (2007) test designations available at the time of testing.

Classification Tests

Classification testing is performed to identify differences in material behavior and to correlate the results with shear strength and volume change characteristics of the materials. Classification testing includes unit weight (e.g., dry density), moisture content, Atterberg limits, grain size analyses (sieve and hydrometer), and sand equivalent.

Moisture-Density Test

Site soils were classified in the laboratory in accordance with the Unified Soil Classification System. Moisture contents are performed in general accordance with ASTM Test Designation D2216 and unit weights were determined in general accordance with ASTM Test Designation D2937. Field moisture contents and dry unit weights were determined for the ring samples obtained in the field. Field moisture contents and dry unit weights are shown on the boring logs in Appendix A.

Sieve Analysis

Sieve analysis tests were conducted on the on-site soils in general accordance with sieve analysis test procedure from ASTM Test Designation D422. This method covers the quantitative determination of the distribution of particle sizes in soils. If this test was performed, the results are presented on Plates attached to this appendix.

Hydrometer Test

Hydrometer tests were performed in general accordance with ASTM Test Designation D422. If this test was performed, the results are presented on Plates attached to this appendix. Samples with obviously little coarse material and a high percentage of fines were prepared with a wet method (ASTM Test Designation D2217) rather than air-drying the sample and pulverizing with a mortar and pedestal.

Shear Tests

Direct shear tests were performed in general accordance with ASTM D3080 to determine the shear strength parameters of undisturbed on-site soils or remolded soil specimens. The samples are usually tested in an artificially saturated condition. This is accomplished by soaking the specimens in a confined container for a period of one or 2 days, depending on the permeability of the material. The specimen, 1-inch-high and 2.4-inch-diameter, is placed in the shear device, and a vertical stress is applied to the specimen. The specimen is allowed to reach an equilibrium state (swell or consolidate). The specimen is then sheared under a constant rate of deformation. The rate of deformation for a slow test, sufficiently slow to presumably allow drainage, is selected from computed or measured consolidation rates to simulate full drainage (full dissipation of any tendency for pore water pressure changes) during shear. A rate of displacement of 0.005 inches per minute was used for the most tests. The process usually is repeated for 3 specimens, each under different vertical stresses. The results from the 3 tests are plotted on a diagram of shear stress and normal (vertical) stress at failure, and linear approximations are drawn of the failure curves to determine the angle of internal friction and cohesion. The first moisture content



shown on the graphs (associated with peak values) is for either the in-situ condition or the remolded condition, and the second moisture content (associated with ultimate value) is for the soaked condition.

Consolidation Test

Consolidation tests were performed in general accordance with ASTM D2435 and D5333 on selected samples to evaluate the load-deformation characteristics of the earth soils. The tests were performed primarily on material that would be most susceptible to consolidation under anticipated foundation loading. The soil specimen, contained in a 2.4-inch-diameter, 1.0-inch-high sampling ring, is placed in a loading frame under a seating pressure of 0.1 ksf. Vertical loads are applied to the samples in several geometric increments, and the resulting deformations were recorded at selected time intervals. When the pressure reaches a preselected effective overburden pressure (often 2 ksf) and the specimen has consolidated under that pressure, the laboratory technician adds water to the test cell and records the vertical movement. After the specimen reaches equilibrium with the addition of water, the technician continues the loading process, usually up to a pressure of about 8 ksf. The specimen is then unloaded in increments, and the test is dismantled. The results of the test are presented in terms of percent volume change versus applied vertical stress. If this test was performed, the results are presented on Plates attached to this appendix.

Compaction Test

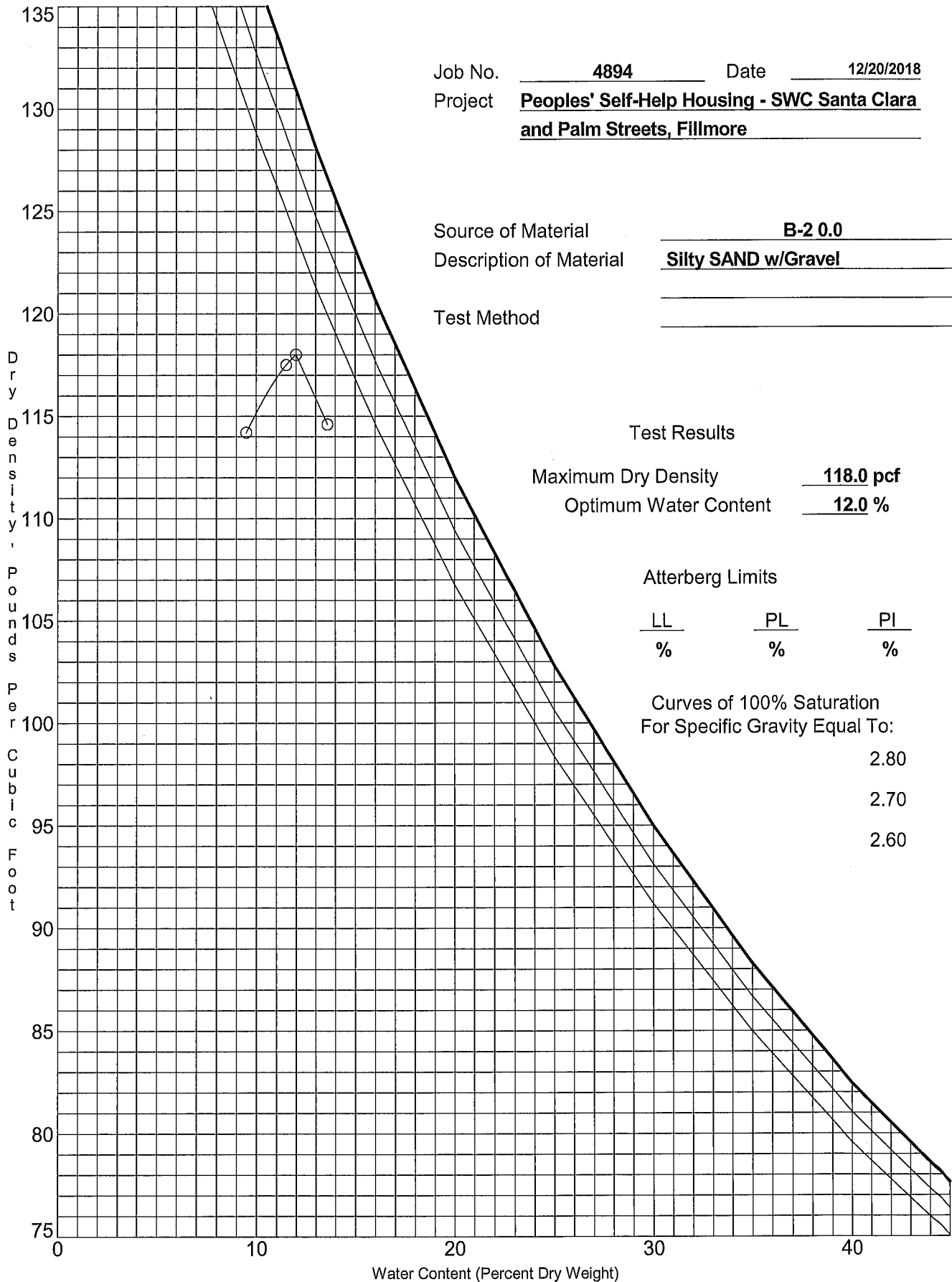
Compaction tests provide information on the relationship between moisture content and dry density of the soil compacted in a given manner. The maximum density is obtained for a given compaction effort at an optimum moisture content. Specifications for earthwork are in terms of the unit weight (or dry density) expressed as a percentage of the maximum density, and the moisture content compared to the optimum moisture content. Compaction tests were performed in general accordance with ASTM Test Designation D1557 to determine the maximum dry densities and optimum moisture contents of the on-site soils. If this test was performed, the results are presented on Plates attached to this appendix.

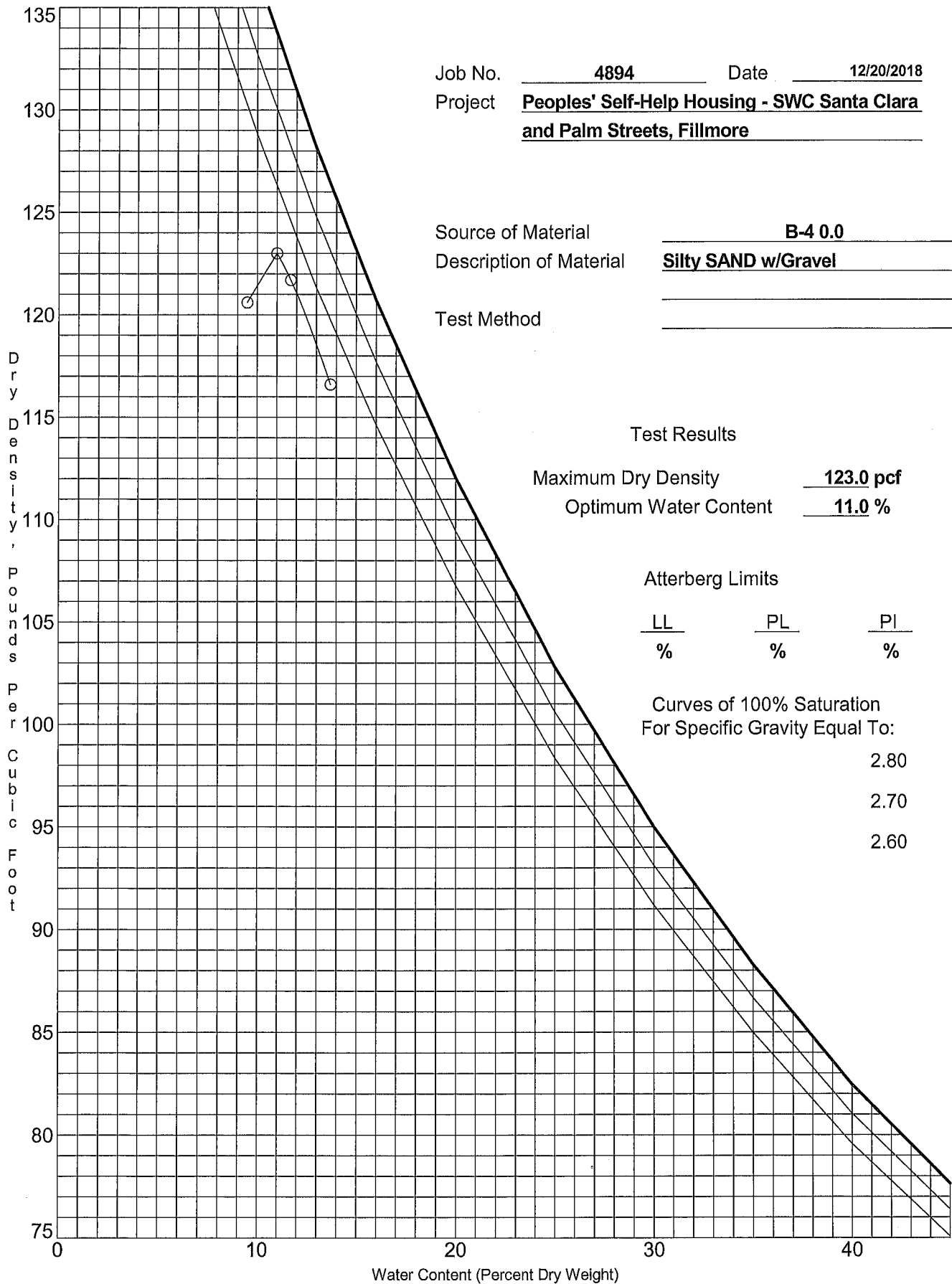
Expansion Index Test

The expansion index test provides an assessment of the potential for expansion or heave that could be detrimental to foundation or slab performance. Expansion Index tests are performed on shallow on-site soils in general accordance with expansion test procedures in ASTM D4829. In this test, a specimen is compacted at a degree of saturation between 45% and 55% in a 4.01-inch-diameter, 1.0-inch-high ring. The specimen is subjected to a seating pressure of 144 psf, water is added to the test cell, and swell is monitored until the expansion stops. The volume of swell is converted to an expansion index. Any test results are summarized on the boring logs in Appendix A.

Sample Remolding

In some cases, remolded samples are used when performing direct shear tests and consolidation tests. Samples are remolded to a specified moisture and density by compacting the soil in a 2.42-inch-diameter sample ring. The specified moisture content is either at optimum or a few percentage points above optimum. The specified dry density is usually at a relative compaction of 90%. The required moisture is added to and mixed with dry soil, providing a homogeneous mixture. A 2.42-inch-diameter ring is placed in a 6-inch-diameter compaction mold, and soil is placed in the mold to above the ring. The soil is then compacted with a 5.5-pound hammer with a free-fall drop of 12 inches. The sample is trimmed, and the dry density is determined. If the dry density deviates more than about one pound per cubic foot from the specified dry density, the process is repeated with the number of blows altered to better achieve the specified dry density.





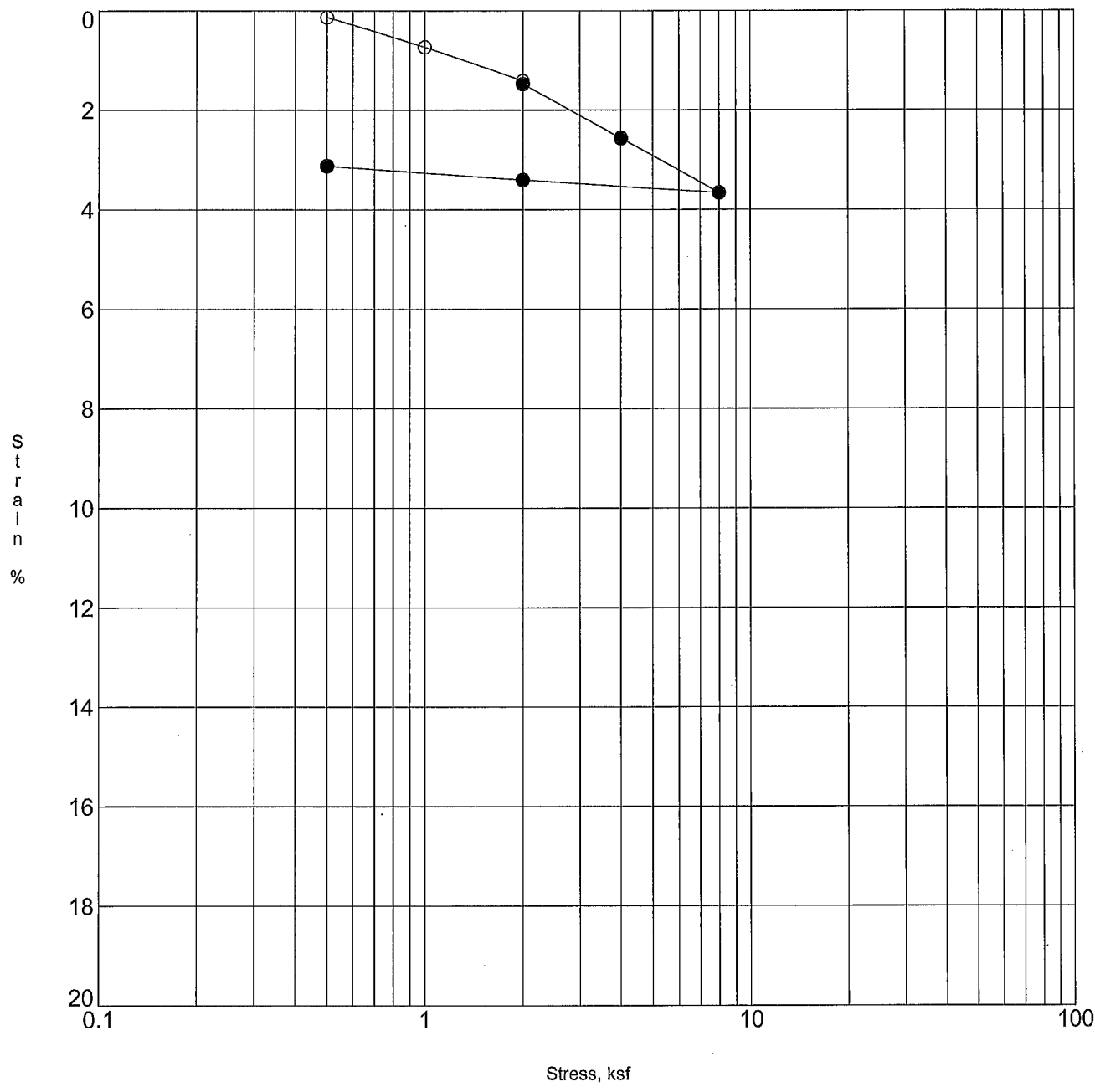
Job No. 4894 Date 12/20/2018
 Project Peoples' Self-Help Housing - SWC Santa Clara and Palm Streets, Fillmore

Source of Material B-4 0.0
 Description of Material Silty SAND w/Gravel

Test Method _____

Moisture-Density Relationship





Open Symbol At Field Moisture, Solid Symbol After Submersion in Water

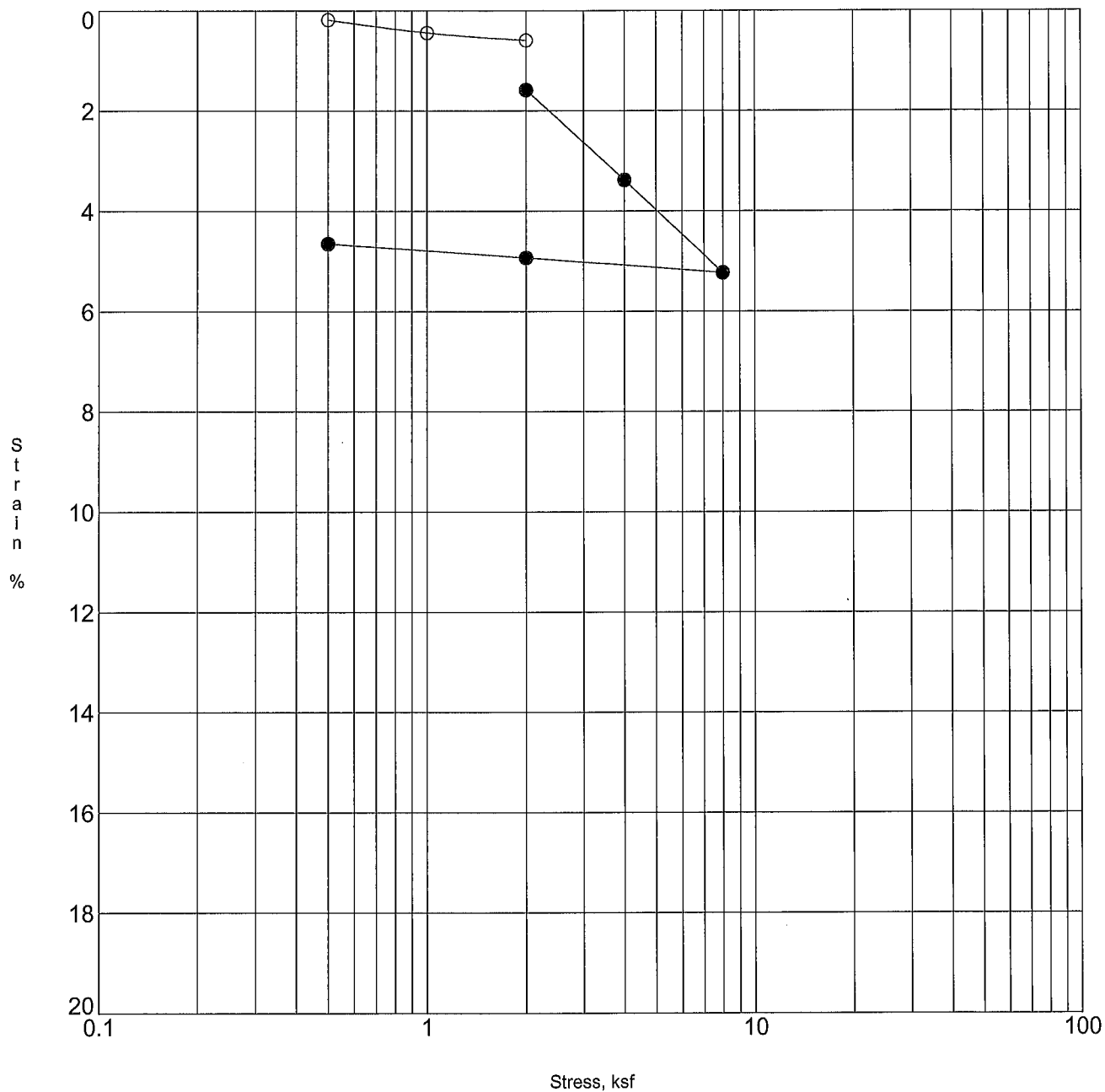
Specimen Identification	Classification	DD	MC%
○ B-2 0.0	Silty SAND w/Gravel	108.4	12.0
● B-2 0.0	*REMOLD*	112.6	15.3

Project **Peoples' Self-Help Housing - SWC Santa Clara and Palm Streets, Fillmore**

Client No. **4894**
Date **12/20/18**

Consolidation Test





Open Symbol At Field Moisture, Solid Symbol After Submersion in Water

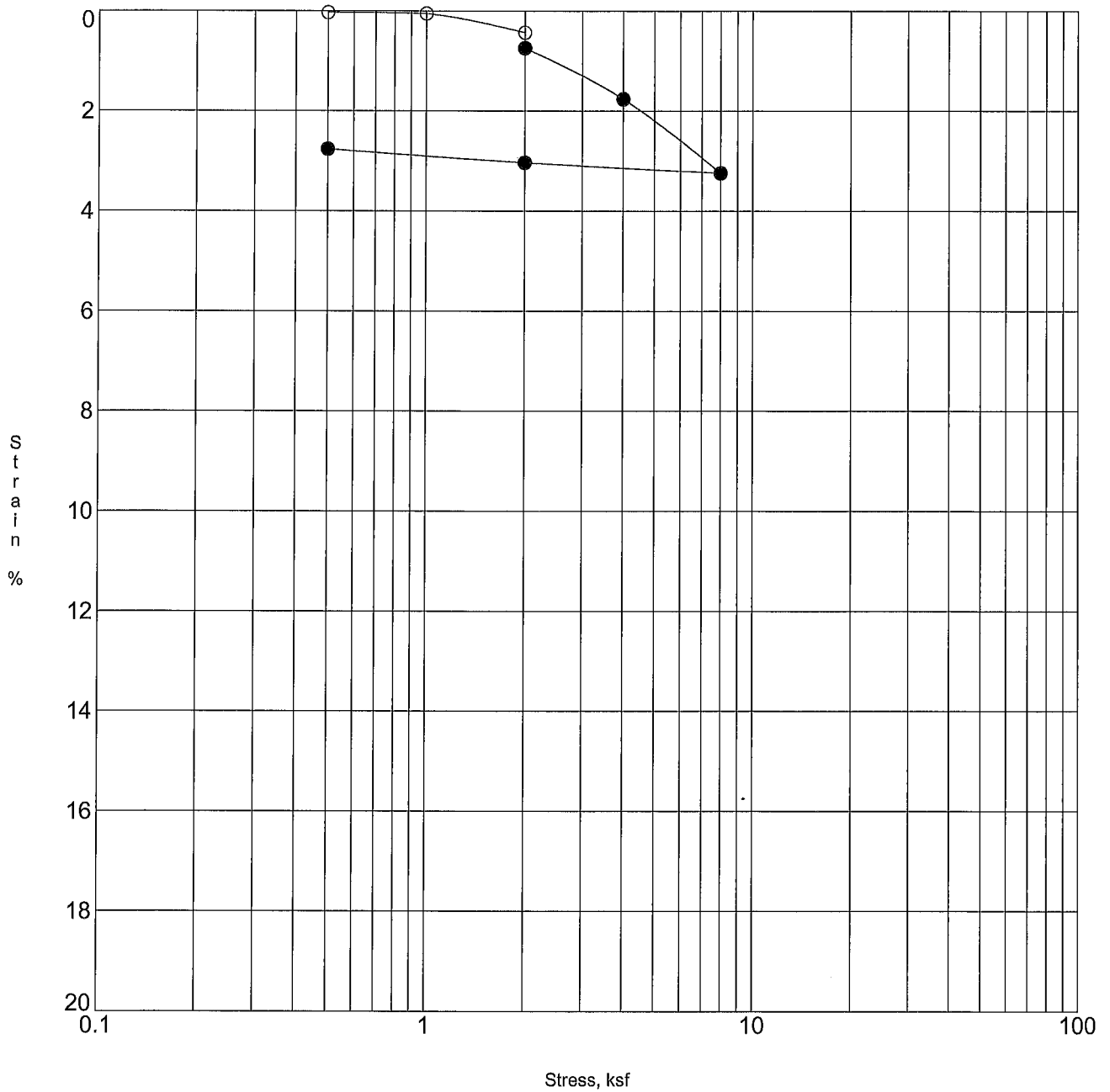
Specimen Identification	Classification	DD	MC%
○ B-4 2.5	Silty SAND w/Gravel	95.2	12.2
● B-4 2.5	*UNDISTURBED*	99.8	18.3

Project **Peoples' Self-Help Housing - SWC Santa Clara and Palm Streets, Fillmore**

Client No. **4894**
Date **12/20/18**

Consolidation Test





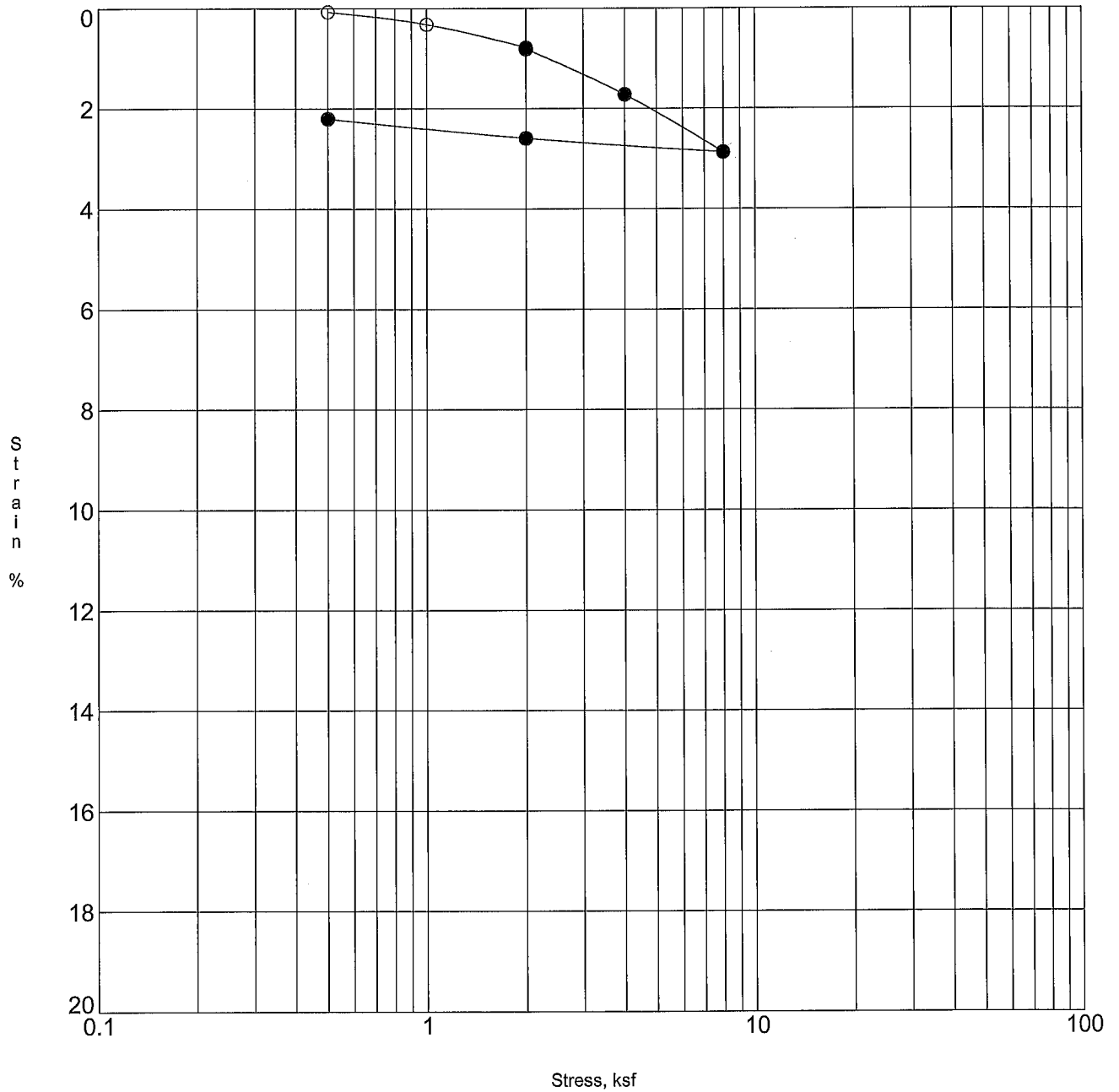
Specimen Identification	Classification	DD	MC%
○ B-4 5.0	Silty SAND w/Gravel	95.2	11.3
● B-4 5.0	*UNDISTURBED*	97.9	19.1

Project Peoples' Self-Help Housing - SWC Santa Clara and Palm Streets, Fillmore

Client No. 4894
Date 12/20/18

Consolidation Test





Open Symbol At Field Moisture, Solid Symbol After Submersion in Water

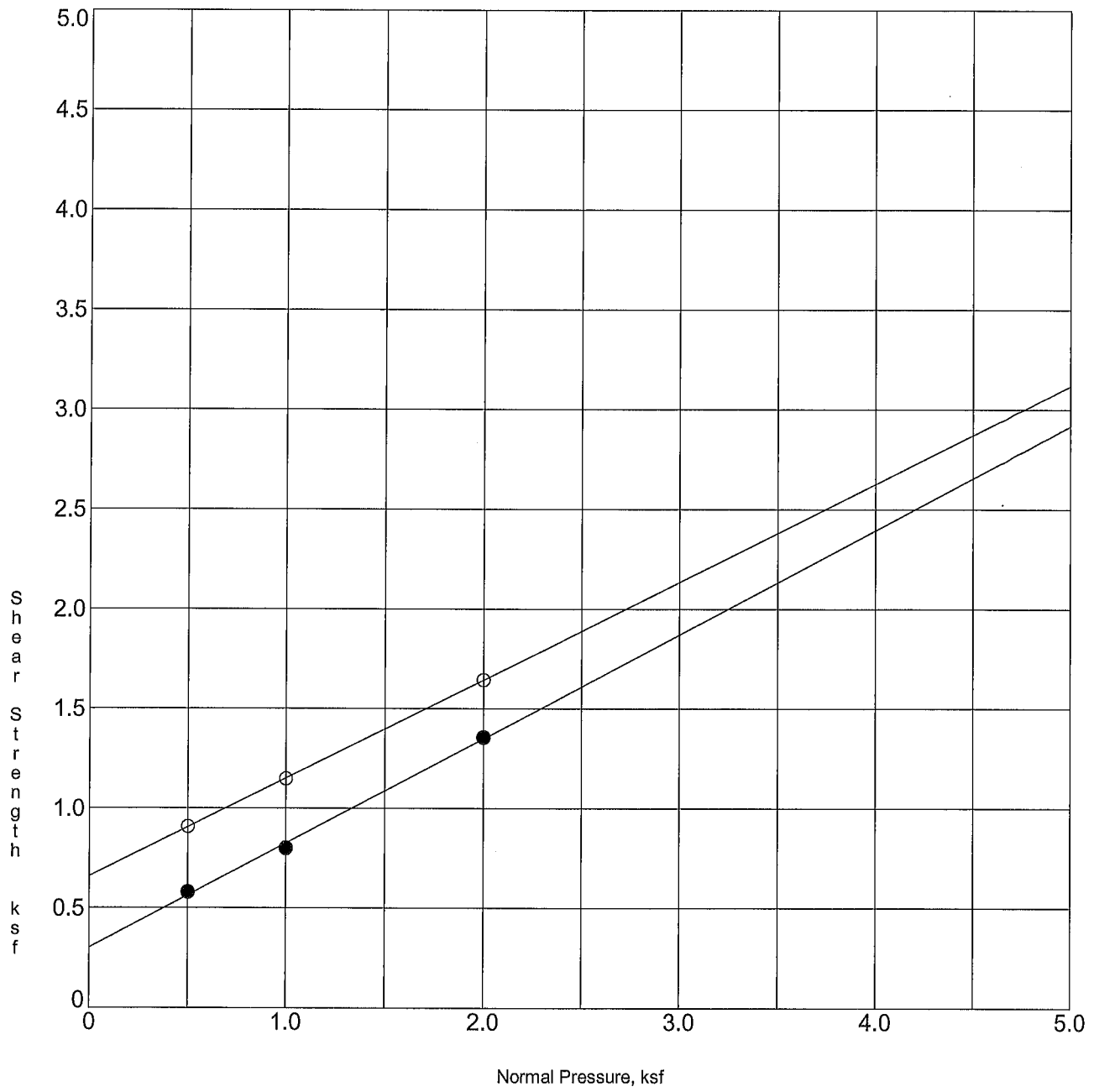
Specimen Identification			Classification	DD	MC%
○	B-1	15.0	Clayey SAND w/Gravel	104.3	17.5
●	B-1	15.0	*UNDISTURBED*	106.6	17.5

Project Peoples' Self-Help Housing - SWC Santa Clara and Palm Streets, Fillmore

Client No. 4894
Date 12/20/18

Consolidation Test





○ - Peak Shear

● - Ultimate Shear

△ - Residual Shear

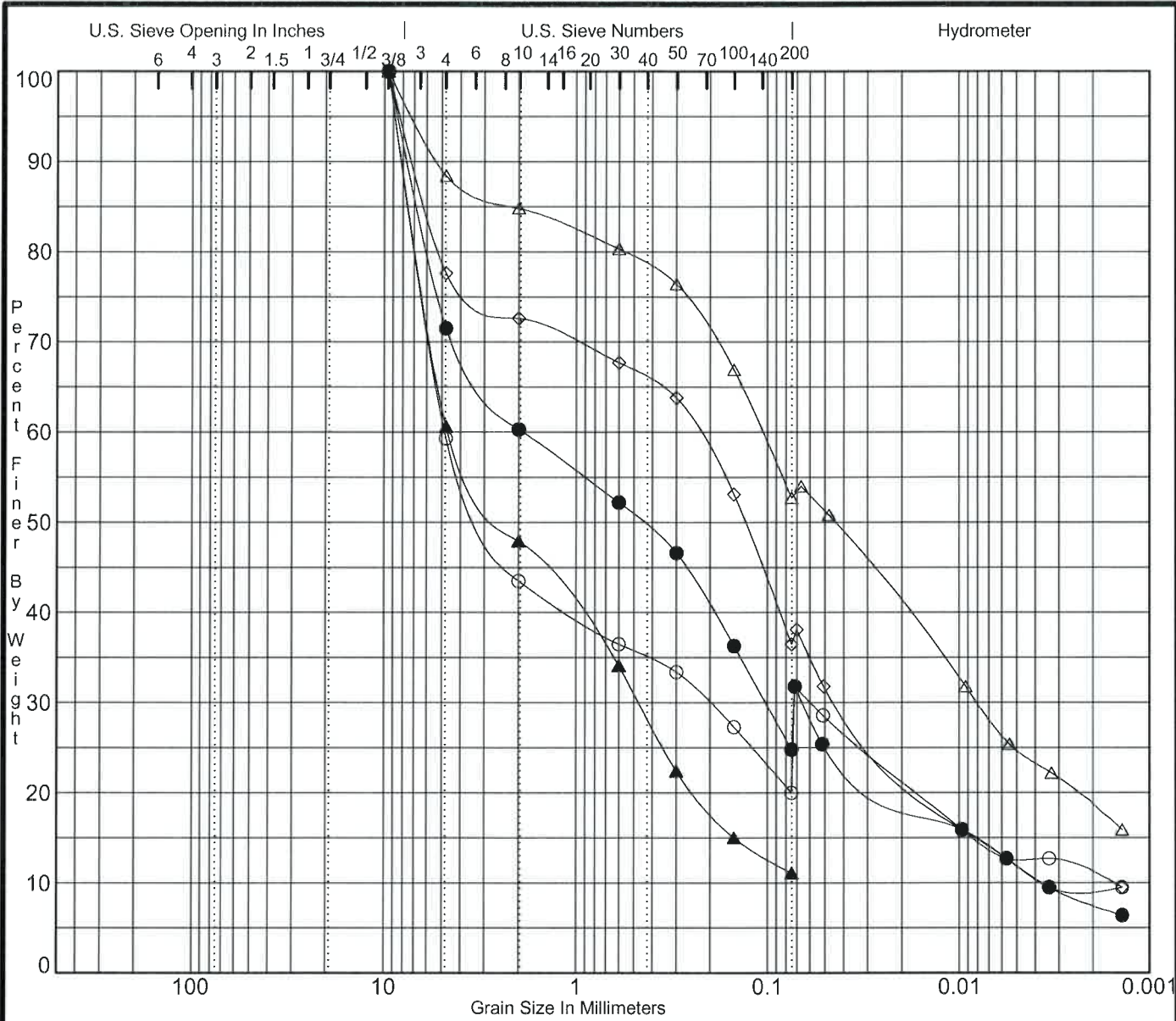
Specimen Identification	Classification	DD	MC%	c, ksf	phi
○ B-2 0.0	Silty SAND w/Gravel	105.9	14.5	0.66	26
● B-2 0.0	*REMOLD*	105.9	18.0	0.30	28

Project Peoples' Self-Help Housing - SWC Santa Clara and Palm Streets, Fillmore

Client No. 4894
Date 12/20/18

Shear Test Diagram





Cobbles	Gravel		Sand			Silt Or Clay
	coarse	fine	coarse	medium	fine	

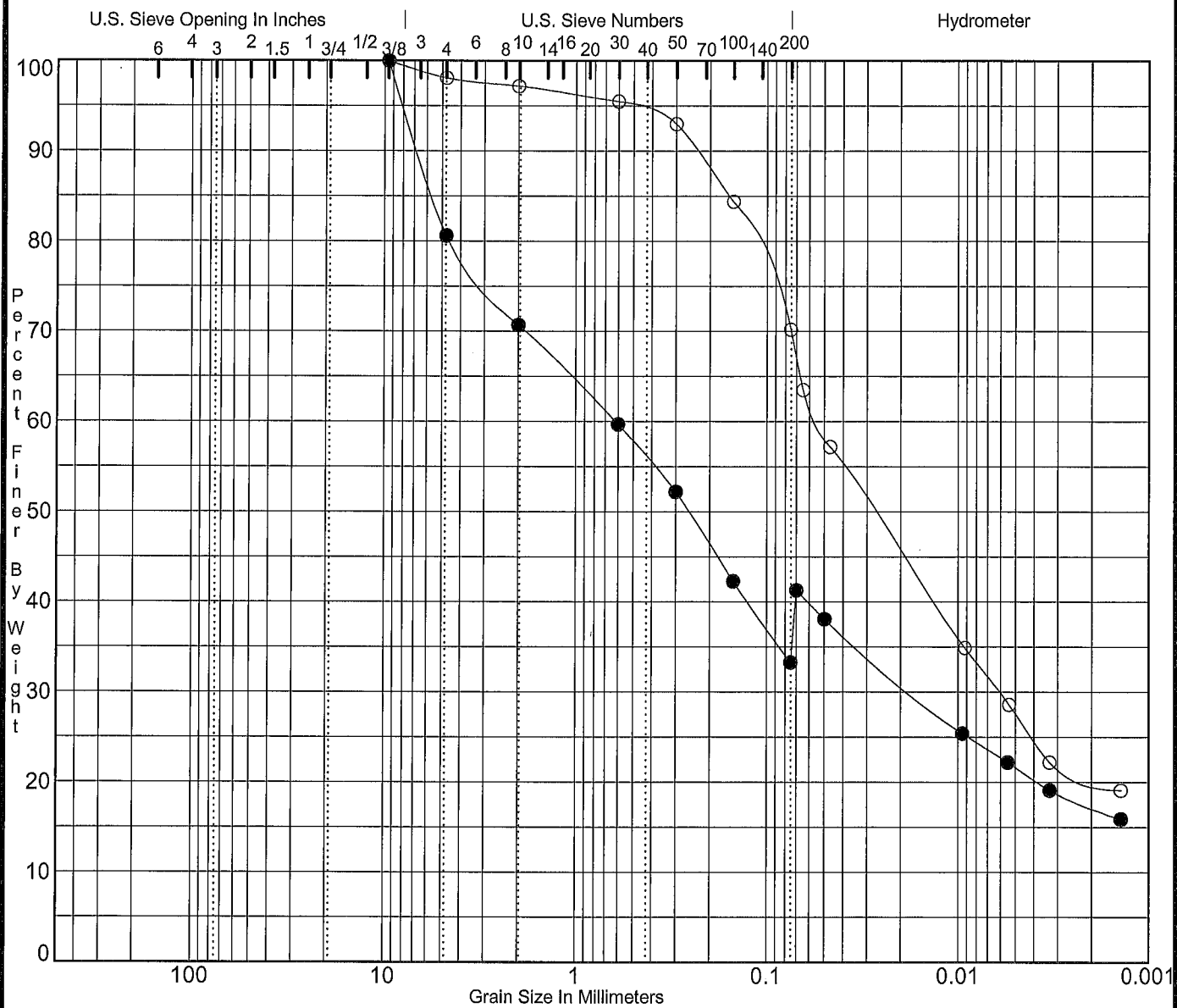
Specimen Identification	Classification	MC%	LL	PL	PI	Cc	Cu
○ B-1 30.0	Silty SAND w/Gravel					0.46	2989.0
● B-1 35.0	Silty SAND w/Gravel					0.61	518.9
△ B-1 40.0	Sandy, Silty Clay w/Gravel		36	23	13		
▲ B-1 45.0	Silty SAND w/Gravel					0.79	73.9
◇ B-4 30.0	Silty SAND w/Gravel					2.07	63.6

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
○ B-1 30.0	9.50	4.81	0.060	0.0016	40.7	39.3	7.3	12.7
● B-1 35.0	9.50	1.91	0.066	0.0037	28.5	46.7	12.9	11.9
△ B-1 40.0	9.50	0.10	0.008		11.6	35.7	27.9	24.8
▲ B-1 45.0	9.50	4.56	0.471		39.4	49.5	11.1	
◇ B-4 30.0	9.50	0.23	0.042	0.0037	22.4	41.1	24.6	11.9

Project **Peoples' Self-Help Housing - SWC Santa Clara and Palm Streets, Fillmore** Client No. **4894**
 Date **12/20/18**

Gradation Curves





Cobbles	Gravel		Sand			Silt Or Clay
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	MC%	LL	PL	PI	Cc	Cu
○ B-4 35.0	Sandy CLAY		35	21	14		
● B-4 40.0	Clayey SAND						

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
○ B-4 35.0	9.50	0.05	0.006		1.9	27.9	42.6	27.6
● B-4 40.0	9.50	0.62	0.032		19.4	47.3	11.7	21.6

Project Peoples' Self-Help Housing - SWC Santa Clara and Palm Streets, Fillmore Client No. 4894
 Date 12/20/18





LABORATORY ANALYSIS RESULTS

Client: Advanced Geotechnical Services, Inc.
Project No: 4854
Project Name: Peoples Self-Help Housing

AA Project No: A975115
Date Received: 12/06/18
Date Reported: 12/17/18

ANALYTICAL DATA SUMMARY

Analyte	Sample Name	Result	MRL	Units	Dilution	Prepared	Analyzed	Method
<u>Chloride by Ion Chromatography</u>								
Chloride	B-2 0'-5'	7.5	5.0	mg/kg	1	12/06/18	12/06/18	EPA 300.0
<u>General Chemistry Analyses</u>								
pH	B-2 0'-5'	7.7	0.50	pH	1	12/06/18	12/06/18	9045C
Specific Conductance (EC)	B-2 0'-5'	400		umhos /cm	1	12/06/18	12/06/18	EPA 120.1
<u>Sulfate by Ion Chromatography</u>								
Sulfate	B-2 0'-5'	140	5.0	mg/kg	1	12/06/18	12/06/18	EPA 300.0


Allen Aminian
 QA/QC Manager



Appendix C
Seismicity Study

USGS Design Maps Summary Report

User-Specified Input

Report Title Peoples' Self-Help Housing Fillmore
Mon December 10, 2018 17:33:43 UTC

Building Code Reference Document ASCE 7-10 Standard
(which utilizes USGS hazard data available in 2008)

Site Coordinates 34.39739°N, 118.91472°W

Site Soil Classification Site Class D – “Stiff Soil”

Risk Category I/II/III

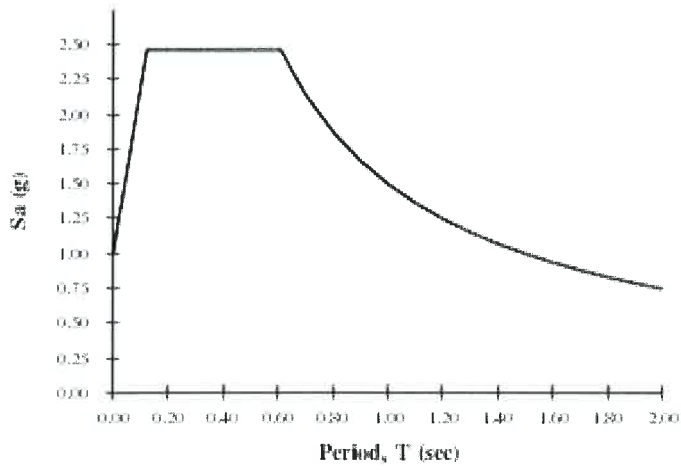


USGS-Provided Output

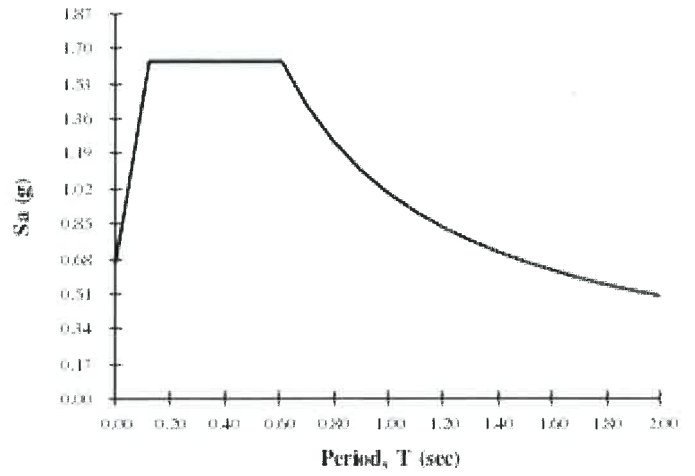
$S_s = 2.460 \text{ g}$	$S_{MS} = 2.460 \text{ g}$	$S_{DS} = 1.640 \text{ g}$
$S_1 = 0.996 \text{ g}$	$S_{M1} = 1.494 \text{ g}$	$S_{D1} = 0.996 \text{ g}$

For information on how the S_s and S_1 values above have been calculated from probabilistic (risk-targeted) and deterministic ground motions in the direction of maximum horizontal response, please return to the application and select the “2009 NEHRP” building code reference document.

MCE_R Response Spectrum



Design Response Spectrum



For PGA_M , T_L , C_{RS} and C_{RI} values, please [view the detailed report](#).

Although this information is a product of the U.S. Geological Survey, we provide no warranty, expressed or implied, as to the accuracy of the data contained therein. This tool is not a substitute for technical subject-matter knowledge.

Section 11.4.1 — Mapped Acceleration Parameters

Note: Ground motion values provided below are for the direction of maximum horizontal spectral response acceleration. They have been converted from corresponding geometric mean ground motions computed by the USGS by applying factors of 1.1 (to obtain S_s) and 1.3 (to obtain S_1). Maps in the 2010 ASCE-7 Standard are provided for Site Class B. Adjustments for other Site Classes are made, as needed, in Section 11.4.3.

From [Figure 22-1](#) ^[1]

$$S_s = 2.460 \text{ g}$$

From [Figure 22-2](#) ^[2]

$$S_1 = 0.996 \text{ g}$$

Section 11.4.2 — Site Class

The authority having jurisdiction (not the USGS), site-specific geotechnical data, and/or the default has classified the site as Site Class D, based on the site soil properties in accordance with Chapter 20.

Table 20.3–1 Site Classification

Site Class	\bar{v}_s	\bar{N} or \bar{N}_{ch}	\bar{s}_u
A. Hard Rock	>5,000 ft/s	N/A	N/A
B. Rock	2,500 to 5,000 ft/s	N/A	N/A
C. Very dense soil and soft rock	1,200 to 2,500 ft/s	>50	>2,000 psf
D. Stiff Soil	600 to 1,200 ft/s	15 to 50	1,000 to 2,000 psf
E. Soft clay soil	<600 ft/s	<15	<1,000 psf
Any profile with more than 10 ft of soil having the characteristics: <ul style="list-style-type: none"> • Plasticity index $PI > 20$, • Moisture content $w \geq 40\%$, and • Undrained shear strength $\bar{s}_u < 500$ psf 			
F. Soils requiring site response analysis in accordance with Section 21.1	See Section 20.3.1		

$$\text{For SI: } 1\text{ft/s} = 0.3048 \text{ m/s } \quad 1\text{lb/ft}^2 = 0.0479 \text{ kN/m}^2$$

Section 11.4.3 — Site Coefficients and Risk-Targeted Maximum Considered Earthquake (MCE_R) Spectral Response Acceleration Parameters

Table 11.4-1: Site Coefficient F_a

Site Class	Mapped MCE_R Spectral Response Acceleration Parameter at Short Period				
	$S_s \leq 0.25$	$S_s = 0.50$	$S_s = 0.75$	$S_s = 1.00$	$S_s \geq 1.25$
A	0.8	0.8	0.8	0.8	0.8
B	1.0	1.0	1.0	1.0	1.0
C	1.2	1.2	1.1	1.0	1.0
D	1.6	1.4	1.2	1.1	1.0
E	2.5	1.7	1.2	0.9	0.9
F	See Section 11.4.7 of ASCE 7				

Note: Use straight-line interpolation for intermediate values of S_s

For Site Class = D and $S_s = 2.460$ g, $F_a = 1.000$

Table 11.4-2: Site Coefficient F_v

Site Class	Mapped MCE_R Spectral Response Acceleration Parameter at 1-s Period				
	$S_1 \leq 0.10$	$S_1 = 0.20$	$S_1 = 0.30$	$S_1 = 0.40$	$S_1 \geq 0.50$
A	0.8	0.8	0.8	0.8	0.8
B	1.0	1.0	1.0	1.0	1.0
C	1.7	1.6	1.5	1.4	1.3
D	2.4	2.0	1.8	1.6	1.5
E	3.5	3.2	2.8	2.4	2.4
F	See Section 11.4.7 of ASCE 7				

Note: Use straight-line interpolation for intermediate values of S_1

For Site Class = D and $S_1 = 0.996$ g, $F_v = 1.500$

Equation (11.4-1):

$$S_{MS} = F_a S_S = 1.000 \times 2.460 = 2.460 \text{ g}$$

Equation (11.4-2):

$$S_{M1} = F_v S_1 = 1.500 \times 0.996 = 1.494 \text{ g}$$

Section 11.4.4 — Design Spectral Acceleration Parameters

Equation (11.4-3):

$$S_{DS} = \frac{2}{3} S_{MS} = \frac{2}{3} \times 2.460 = 1.640 \text{ g}$$

Equation (11.4-4):

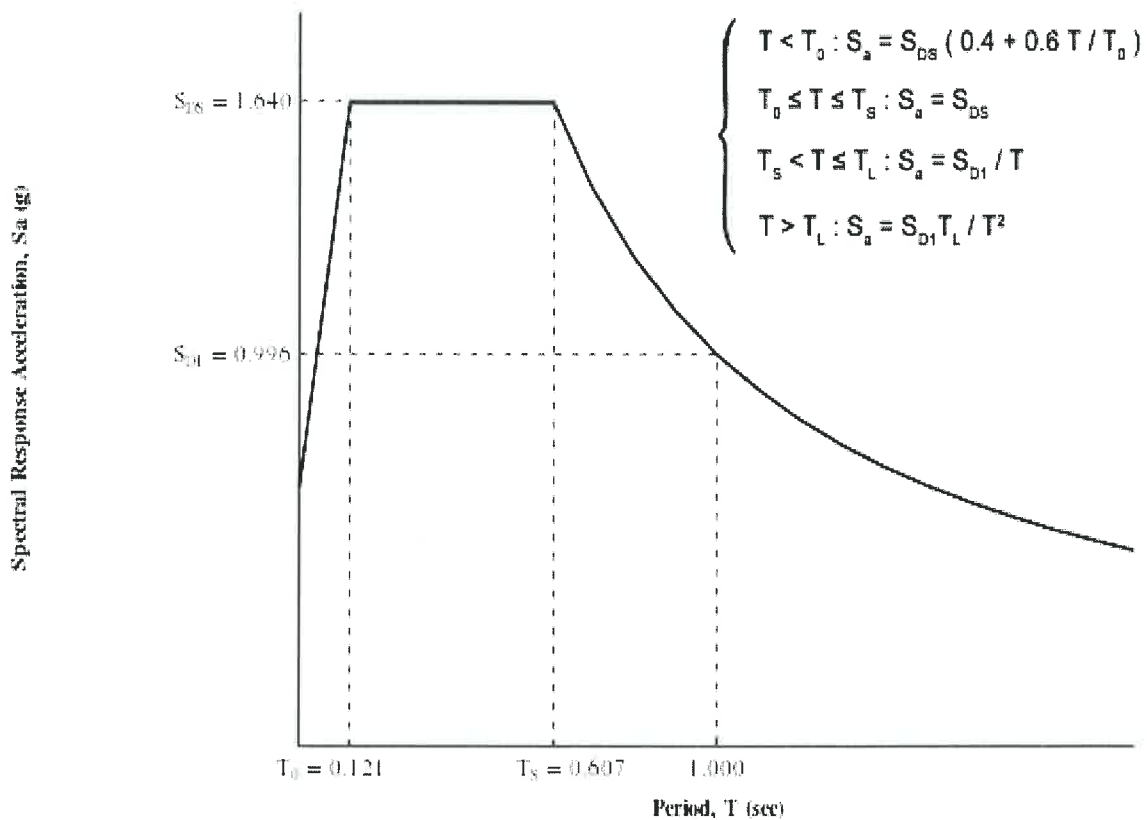
$$S_{D1} = \frac{2}{3} S_{M1} = \frac{2}{3} \times 1.494 = 0.996 \text{ g}$$

Section 11.4.5 — Design Response Spectrum

From [Figure 22-12](#) ^[3]

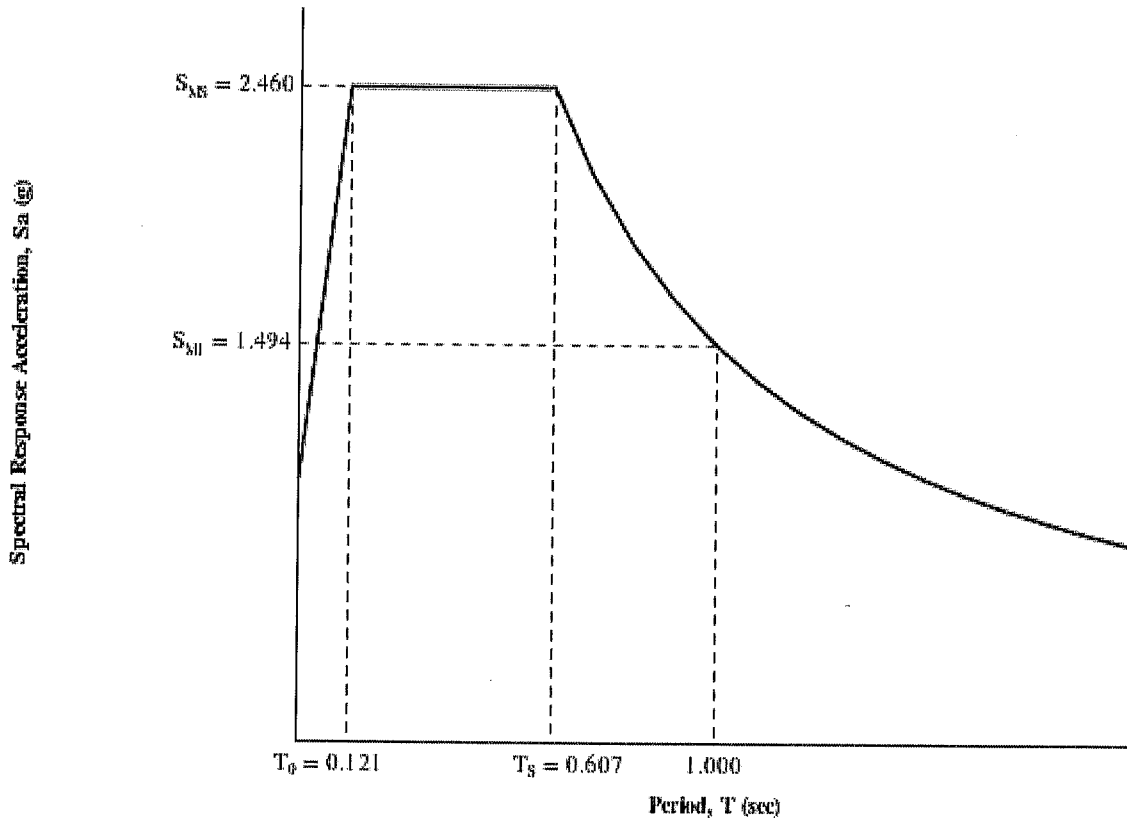
$T_L = 8$ seconds

Figure 11.4-1: Design Response Spectrum



Section 11.4.6 — Risk-Targeted Maximum Considered Earthquake (MCE_R) Response Spectrum

The MCE_R Response Spectrum is determined by multiplying the design response spectrum above by 1.5.



Section 11.8.3 — Additional Geotechnical Investigation Report Requirements for Seismic Design Categories D through F

From [Figure 22-7](#) ^[4]

$$PGA = 0.938$$

Equation (11.8-1):

$$PGA_M = F_{PGA} PGA = 1.000 \times 0.938 = 0.938 \text{ g}$$

Table 11.8-1: Site Coefficient F_{PGA}

Site Class	Mapped MCE Geometric Mean Peak Ground Acceleration, PGA				
	PGA ≤ 0.10	PGA = 0.20	PGA = 0.30	PGA = 0.40	PGA ≥ 0.50
A	0.8	0.8	0.8	0.8	0.8
B	1.0	1.0	1.0	1.0	1.0
C	1.2	1.2	1.1	1.0	1.0
D	1.6	1.4	1.2	1.1	1.0
E	2.5	1.7	1.2	0.9	0.9
F	See Section 11.4.7 of ASCE 7				

Note: Use straight-line interpolation for intermediate values of PGA

For Site Class = D and PGA = 0.938 g, $F_{PGA} = 1.000$

Section 21.2.1.1 — Method 1 (from Chapter 21 – Site-Specific Ground Motion Procedures for Seismic Design)

From [Figure 22-17](#) ^[5]

$$C_{RS} = 0.951$$

From [Figure 22-18](#) ^[6]

$$C_{R1} = 0.925$$

Section 11.6 — Seismic Design Category

Table 11.6-1 Seismic Design Category Based on Short Period Response Acceleration Parameter

VALUE OF S_{DS}	RISK CATEGORY		
	I or II	III	IV
$S_{DS} < 0.167g$	A	A	A
$0.167g \leq S_{DS} < 0.33g$	B	B	C
$0.33g \leq S_{DS} < 0.50g$	C	C	D
$0.50g \leq S_{DS}$	D	D	D

For Risk Category = I and $S_{DS} = 1.640 g$, Seismic Design Category = D

Table 11.6-2 Seismic Design Category Based on 1-S Period Response Acceleration Parameter

VALUE OF S_{D1}	RISK CATEGORY		
	I or II	III	IV
$S_{D1} < 0.067g$	A	A	A
$0.067g \leq S_{D1} < 0.133g$	B	B	C
$0.133g \leq S_{D1} < 0.20g$	C	C	D
$0.20g \leq S_{D1}$	D	D	D

For Risk Category = I and $S_{D1} = 0.996 g$, Seismic Design Category = D

Note: When S_1 is greater than or equal to $0.75g$, the Seismic Design Category is **E** for buildings in Risk Categories I, II, and III, and **F** for those in Risk Category IV, irrespective of the above.

Seismic Design Category \equiv "the more severe design category in accordance with Table 11.6-1 or 11.6-2" = E

Note: See Section 11.6 for alternative approaches to calculating Seismic Design Category.

References

1. Figure 22-1: https://earthquake.usgs.gov/hazards/designmaps/downloads/pdfs/2010_ASCE-7_Figure_22-1.pdf
2. Figure 22-2: https://earthquake.usgs.gov/hazards/designmaps/downloads/pdfs/2010_ASCE-7_Figure_22-2.pdf
3. Figure 22-12: https://earthquake.usgs.gov/hazards/designmaps/downloads/pdfs/2010_ASCE-7_Figure_22-12.pdf
4. Figure 22-7: https://earthquake.usgs.gov/hazards/designmaps/downloads/pdfs/2010_ASCE-7_Figure_22-7.pdf

5. *Figure 22-17*: https://earthquake.usgs.gov/hazards/designmaps/downloads/pdfs/2010_ASCE-7_Figure_22-17.pdf
6. *Figure 22-18*: https://earthquake.usgs.gov/hazards/designmaps/downloads/pdfs/2010_ASCE-7_Figure_22-18.pdf



Appendix D

Liquefaction and Dynamic Dry Settlement Evaluation



Client Number: 4894 Client Name: Peoples' Self-Help Housing - Fillmore
 Date Drilled: 12/4/18 Boring: B-1
 Magnitude: 0.94
 Groundwater Depth (ft): 6.95
 Reference Pressure, P_{ref} (ksf): 30.0
 Reference Pressure, P_{ref} (psf): 2184
 Reference Pressure, P_{ref} (ton): 1.0582

N Adjustments - (for Calif. Sampler)
 N Adjustments - Hole Diameter
 N Adjustments - Energy (from Calibration)
 NC
 Field Groundwater Depth (ft): 6.15
 Method (S = SPT)
 Unit Weight of Water (pcf): 0.0624
 (Current)

NL = Not Susceptible to Liquefaction
 References
 Seed, H. B., Tokimatsu, K., (1985), Influence of SPT Procedures in Soil Liquefaction Resistance Evaluations, Journal of Geotechnical Engineering, ASCE, Vol. 111, No. 12, pp. 1425 - 1445.
 Youd, T. L. and Idriss, I. M. (1997), Summary Report, Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils
 Seed, H. B., Tokimatsu, K., (1987), Chart for Estimation of Liquefaction-Induced Settlement, Journal of Geotechnical Engineering, ASCE
 Piezels, Daniel, (1999), Procedure to Evaluate Earthquake-Induced Settlements in Dry, Sandy Soils, Journal of Geotechnical Engineering, ASCE, Vol. 124, No. 4, pp. 364 - 368.
 Youd, T. L. et al. (2001), Summary Report on Evaluation of Liquefaction Resistance of Soils, Journal of Geotechnical and Geoenvironmental Engineering, ASCE, Vol. 127, No. 10, pp. 817-833.

Boring B-1 Liquefaction Evaluation

Depth, Feet	Total Unit Weight, γ _t	Overburden Pressure, σ _v	Liq Effective Overburden Pressure, σ' _v	Field Effective Overburden Pressure, σ' _v	C _N	i _g	CSR _{wave} s	Soil Type*	% Fines	N for California Sampler**	(N) ₆₀	Adjusted for Fines Content (N) ₆₀	Rod Length Adjust	K _s	CRR _{wave} s	Safety Factor, SPT Method	Volumetric Strain	Layer Settlement, (inches)	Cumulative Liquefaction Settlement, (inches)	
0.0	0.00	0.00	0.00	0.00	1.70	1.00	0.500			75.0	84.8	84.8	0.75	1.00	5.000	Above GW	0.000	0.000	0.000	
2.5	0.135	0.34	0.34	0.68	1.58	0.99	0.496			73.0	76.9	76.9	0.75	1.00	5.000	Above GW	0.000	0.000	0.000	
5.0	0.135	0.84	0.84	1.01	1.34	0.98	0.493			46.0	46.4	46.4	0.85	1.00	5.000	Above GW	0.000	0.000	0.000	
7.5	0.135	1.18	1.18	1.35	1.14	0.97	0.489			27.0	23.3	23.3	0.85	1.00	0.269	Above GW	0.000	0.000	0.000	
10.0	0.135	1.62	1.62	1.89	1.00	0.97	0.466			23.0	19.3	28.2	0.85	1.00	0.356	Above GW	0.000	0.000	0.000	
12.0	0.135	2.13	2.13	2.36	0.90	0.96	0.457			49.9	37.0	37.0	0.95	0.98	5.000	Above GW	0.000	0.000	0.000	
15.8	0.135	2.63	2.63	2.90	0.82	0.95	0.448			100.0	69.2	69.2	0.95	0.95	5.000	Above GW	0.000	0.000	0.000	
19.5	0.135	3.14	3.14	3.38	0.76	0.93	0.439			100.0	66.9	66.9	1.00	0.92	5.000	Above GW	0.000	0.000	0.000	
21.5	0.135	3.71	3.71	4.05	0.68	0.90	0.447			52.0	31.5	37.7	1.00	0.90	5.000	NL	0.000	0.000	0.000	
23.3	0.135	4.30	4.30	4.56	0.64	0.86	0.460			43.9	24.3	34.2	1.00	0.88	0.454	NL	0.000	0.000	0.000	
25.0	0.135	4.78	4.78	5.40	0.61	0.84	0.465			43.9	23.4	33.1	1.00	0.87	0.491	NL	0.000	0.000	0.000	
27.5	0.135	4.88	4.88	5.81	0.60	0.79	0.473			111.1	53.2	56.9	1.00	0.86	5.000	NL	0.000	0.000	0.000	
30.0	0.135	5.29	5.29	6.28	6.75															
37.0	0.135	5.00	5.00	5.00																
38.5	0.135	5.20	4.67	5.20																
40.0	0.135	5.40	4.78	5.40																
41.5	0.135	5.80	4.88	5.80																
43.0	0.135	5.81	4.89	5.81																
46.5	0.135	6.28	5.25	6.28																
50.0	0.135	6.75	5.50	6.75																

*Note: C = non-liquefiable stiff clay soil (if present)
 ** Note: Cal Blow Counts of 75 assumed for the future newly placed compacted fill in the upper 5 feet.
 Total, inches = 0.00



Client Number: 4894
 Date Drilled: 12/4/18
 Client Name: Peoples' Self-Help Housing - Fillmore
 Boring: B-4
 (Historic High)
 N Adjustments - (for Calif. Sampler)
 N Adjustments - Hole Diameter
 N Adjustments - Energy (from Calibration)
 NC
 Field Groundwater Depth (ft)
 Method (S = SPT)
 Unit Weight of Water (pcf)
 51.5
 S
 0.0624
 (Current)
 0.667
 100
 133
 10.46

NL = Not Susceptible to Liquefaction

References
 Seed, H. B., Tokimatsu, K., (1985), Influence of SPT Procedures in Soil Liquefaction Resistance Evaluations, Journal of Geotechnical Engineering, ASCE, Vol. 111, No. 12, pp. 1425 - 1445.
 Youd, T. L. and Idriss, I. M. (1997), Summary Report, Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils
 Seed, H. B., Tokimatsu, K., (1987), Chart for Estimation of Liquefaction-Induced Settlement, Journal of Geotechnical Engineering, ASCE
 Pradel, Daniel, (1998), Procedure to Evaluate Earthquake-Induced Settlements in Dry Sandy Soils, Journal of Geotechnical Engineering, ASCE
 Youd, T. L. et al. (2001), Summary Report on Evaluation of Liquefaction Resistance of Soils, Journal of Geotechnical and Geoenvironmental Engineering, ASCE, Vol. 127, No. 10, pp. 817-833.

Boring B-4 Liquefaction Evaluation

Depth, Feet	Total Unit Weight, γ_t	Overburden Pressure, σ_v	Liq Effective Overburden Pressure, σ_v'	Field Effective Overburden Pressure, σ_v'	C_u	f_d	CSR _{7.5}	Soil Type*	% Fines	N for California Sampler**	(N) ₆₀	Adjusted for Fines Content (N) ₆₀	Rod Length Adjust.	K_c	CRR _{7.5}	Safety Factor, SPT Method	Volumetric Strain (Current)	Layer Settlement, (inches)	Cumulative Liquefaction Settlement, (inches)
0.0	0.00	0.00	0.00	0.00	1.70	1.00	0.500			75.0	84.8	84.8	0.75	1.00	5.000	Above GWT	0.000	0.000	0.000
2.5	0.135	0.34	0.34	0.34	1.58	0.99	0.496			39.0	41.1	41.1	0.75	1.00	5.000	Above GWT	0.000	0.000	0.000
5.0	0.69	0.69	0.69	0.69	1.34	0.98	0.483			53.0	53.5	53.5	0.85	1.00	5.000	Above GWT	0.000	0.000	0.000
6.3	0.135	0.84	0.84	0.84	1.18	0.98	0.469			40.0	35.6	35.6	0.85	1.00	5.000	Above GWT	0.000	0.000	0.000
7.5	1.01	1.01	1.01	1.01	1.07	0.97	0.470			84.0	51.5	51.5	0.85	1.00	5.000	Above GWT	0.000	0.000	0.000
8.8	0.135	1.35	1.35	1.35	0.86	0.96	0.465			25.0	20.8	20.8	0.95	1.00	0.228	Above GWT	0.000	0.000	0.000
10.0	1.52	1.52	1.52	1.52	0.86	0.95	0.454			20.0	14.6	22.5	0.95	0.97	0.240	Above GWT	0.000	0.000	0.000
11.3	0.135	1.69	1.69	1.69	0.77	0.94	0.441			65.0	44.3	44.3	1.00	0.93	5.000	Above GWT	0.000	0.000	0.000
12.5	1.86	1.86	1.86	1.86	0.71	0.92	0.437			65.0	34.7	46.6	1.00	0.91	5.000	NL	0.000	0.000	0.000
13.8	0.135	2.02	2.02	2.02	0.66	0.88	0.454			36.0	21.1	30.3	1.00	0.89	0.672	NL	0.000	0.000	0.000
15.0	0.135	2.16	2.16	2.16	0.61	0.84	0.466			33.0	31.6	42.3	1.00	0.87	5.000	NL	0.000	0.000	0.000
17.0	2.30	2.30	2.30	2.30	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
21.0	0.135	2.84	2.84	2.84	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
25.5	0.135	3.38	3.38	3.38	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
28.0	3.78	3.78	3.78	3.78	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
31.0	0.135	4.19	4.12	4.19	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
34.0	4.59	4.59	4.59	4.59	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
36.0	5.13	5.13	5.13	5.13	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
41.5	0.135	5.60	5.60	5.60	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
45.0	6.09	6.09	6.09	6.09	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
47.5	0.135	6.41	6.41	6.41	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
50.0	6.75	6.75	6.75	6.75	0.60	0.78	0.473			100.0	53.2	53.2	1.00	0.85	5.000	NL	0.000	0.000	0.000
Total, Inches =																			
0.00																			

*Note: C = non-liquefiable clay soil (if present)

** Note: Cat Blow Counts of 75 assumed for the future newly placed compacted fill in the upper 5 feet.



Client Number: **4894** Client Name: **Peoples' Self-Help Housing - Fillmore**
 Date Drilled: **12/4/18** Boring: **B-1**

a_{max}/g	0.66	N Adjustments - (for Calif. Sampler)	0.667	Field Groundwater Depth (ft)	61.5
Magnitude	6.95	N Adjustments - Hole Diameter	1.00	Method (S = SPT)	S
Groundwater Depth (ft)	30.0	N Adjustments - Energy (from Calibration)	1.33	Unit Weight of Water (kcf)	0.0624
Reference Pressure, P_a (ksf)	2.1164	Nc	10.46		
Reference Pressure, P_a (dy)	1.0582				(Current)

NL = Not Susceptible to Liquefaction

References

- Seed, H. B., Tokimatsu, K., (1985), *Influence of SPT Procedures in Soil Liquefaction Resistance Evaluations*, Journal of Geotechnical Engineering, ASCE, Vol. 111, No. 12, pp. 1425 - 1445.
- Youli, T. L. and Idriss, I. M., (1997), *Summary Report, Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils*
- Seed, H. B., Tokimatsu, K., (1987), *Chart for Estimation of Liquefaction-Induced Settlement*, Journal of Geotechnical Engineering, ASCE
- Pradei, Daniel, (1988), *Procedure to Evaluate Earthquake-Induced Settlements in Dry Sandy Soils*, Journal of Geotechnical Engineering, ASCE, Vol. 124, No. 4, pp. 364 - 368.

Evaluation of Earthquake Induced Settlements in Dry Sand

Layer Midpoint Depth (feet)	$\tau_{induced}$	$(N_1)_{60-cs}$	σ_v	p	G_{max}	a	b	γ	ϵ_{15} (%)	ϵ_{Nc} (%)	Layer Settlement (inches)	Cumulative Settlement (inches)
2.5	0.072	84.8	0.17	0.113	679	0.128	24487	0.00025	0.000045	0.000038	0.002	0.002
6.3	0.178	76.9	0.42	0.283	1040	0.134	14131	0.00038	0.000075	0.000064	0.002	0.004
8.8	0.247	46.4	0.59	0.396	1039	0.139	11548	0.00066	0.000240	0.000204	0.006	0.010
12.0	0.337	23.3	0.81	0.543	967	0.144	9554	0.00152	0.001272	0.001082	0.052	0.062
15.8	0.438	28.2	1.06	0.712	1181	0.150	8116	0.00131	0.000866	0.000736	0.031	0.093
19.5	0.538	37.0	1.32	0.882	1439	0.156	7140	0.00105	0.000503	0.000427	0.021	0.114
23.3	0.634	69.2	1.57	1.051	1936	0.163	6425	0.00066	0.000748	0.000726	0.005	0.119
27.5	0.738	66.9	1.86	1.244	2082	0.170	5809	0.00071	0.000716	0.000741	0.008	0.127
33.5	0.868	37.7	2.26	1.515	1897	0.180	5160	0.00113	0.000528	0.000449	0.038	0.165
38.5	0.957	34.2	2.60	1.741	1969	0.188	4747	0.00118	0.000621	0.000528	0.019	0.184
41.5	1.000	33.1	2.80	1.877	2023	0.193	4538	0.00117	0.000638	0.000542	0.020	0.204
46.5	1.055	55.9	3.14	2.103	2549	0.201	4239	0.00075	0.000217	0.000185	0.016	0.219

Total, inches 0.22

Double for Multi-Directional Shaking, inches 0.44



Client Number 4894 **Client Name** Peoples' Self-Help Housing - Fillmore
Date Drilled 12/4/18 **Boring** B-4

σ_{max}/ρ	0.66	N Adjustments - (for Calif. Sampler)	0.667	Field Groundwater Depth (ft)	51.5	(Current)
Magnitude	6.95	N Adjustments - Hole Diameter	1.00	Method (S = SPT)	S	
Groundwater Depth (ft)	30.0	N Adjustments - Energy (from Calibration)	1.33	Unit Weight of Water (kcf)	0.0624	
Reference Pressure, P_a (lbf)	2.1164	NC	10.46			
Reference Pressure, P_a (dyn)	1.0582					

NL = Not Susceptible to Liquefaction

References
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Evaluation of Earthquake Induced Settlements in Dry Sand

Layer Midpoint Depth (feet)	$\epsilon_{induced}$	(N ₁) _{60-cs}	σ_v	p	G _{max}	a	b	γ	ϵ_{15} (%)	ϵ_{Nc} (%)	Layer Settlement (inches) *	Cumulative Settlement (inches)
2.5	0.072	84.8	0.17	0.113	679	0.128	24487	0.00025	0.000045	0.000038	0.002	0.002
6.3	0.178	41.1	0.42	0.283	843	0.134	14131	0.00067	0.000284	0.000242	0.007	0.010
8.8	0.247	53.5	0.59	0.396	1090	0.139	11548	0.00058	0.000178	0.000151	0.005	0.014
11.3	0.316	35.6	0.76	0.509	1079	0.143	9931	0.00093	0.000465	0.000395	0.012	0.026
13.8	0.384	51.5	0.93	0.622	1349	0.147	8805	0.00070	0.000224	0.000190	0.006	0.032
16.0	0.445	20.8	1.08	0.724	1076	0.151	8039	0.00186	0.001771	0.001506	0.036	0.068
21.0	0.577	22.5	1.42	0.950	1264	0.159	6829	0.00180	0.001568	0.001333	0.128	0.196
26.5	0.714	44.3	1.79	1.198	1782	0.168	5939	0.00097	0.000372	0.000316	0.011	0.207
31.0	0.817	46.6	2.09	1.402	1959	0.176	5406	0.00095	0.000343	0.000292	0.021	0.228
36.0	0.915	30.3	2.43	1.628	1829	0.184	4942	0.00134	0.000818	0.000695	0.033	0.261
41.5	1.000	42.3	2.80	1.877	2194	0.193	4538	0.00097	0.000393	0.000334	0.028	0.290
47.5	1.064	53.2	3.21	2.148	2536	0.203	4185	0.00076	0.000235	0.000199	0.012	0.302

Total, inches 0.30
 Double for Multi-Directional Shaking, inches 0.60



Appendix E

References

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Appendix F
Report Figures and Plates



R 6922 ft E 2018



No Scale

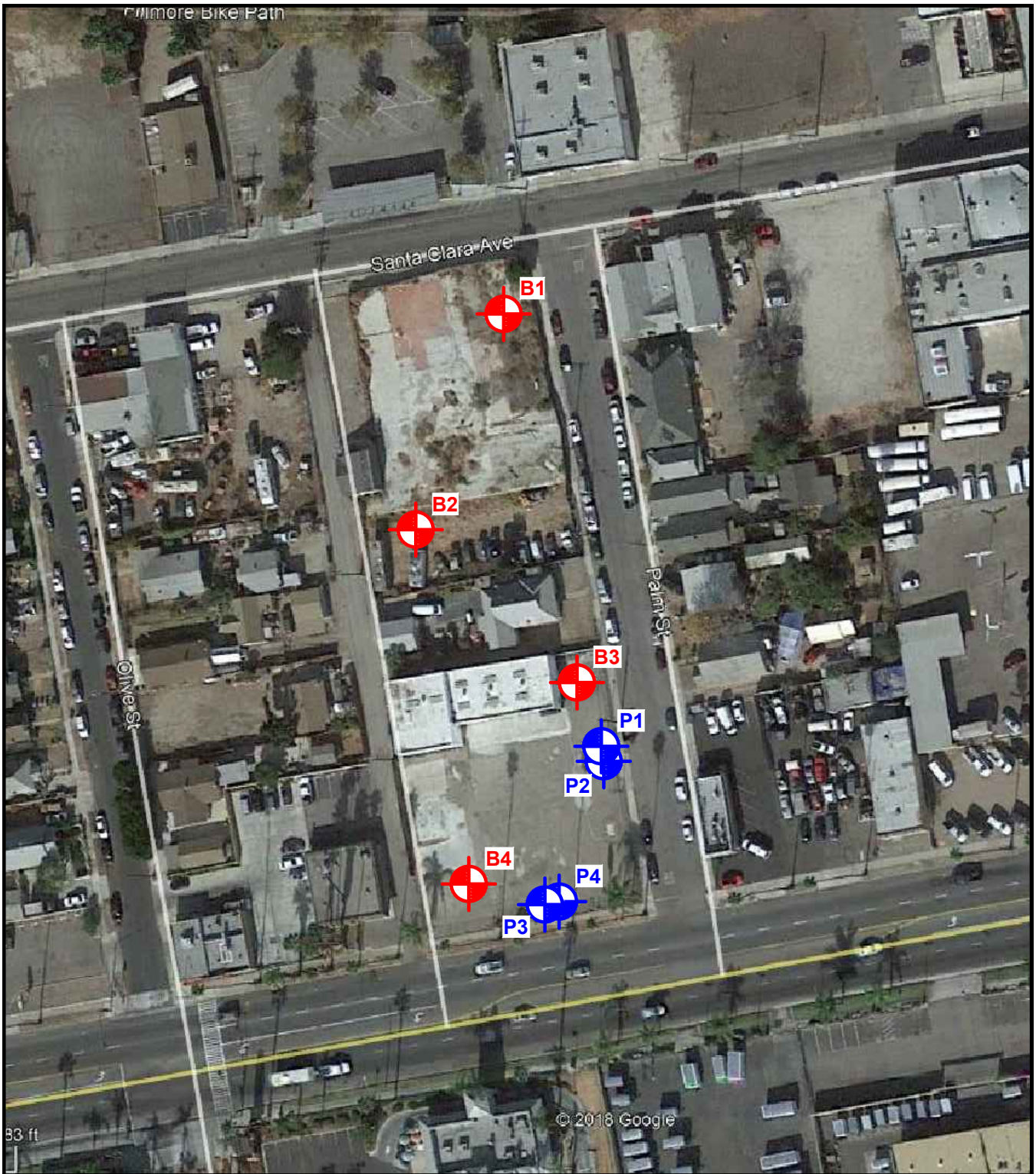


SITE LOCATION MAP

Peoples' Self-Help Housing
 SWC of Palm and Santa Clara Streets
 Fillmore, California

Client # 4894
 Report # 10250

FIGURE 1



EXPLANATION



APPROXIMATE
LOCATION OF
EXPLORATORY
BORING



APPROXIMATE
LOCATION OF
PERCOLATION
BORING



SCALE: 1" = 100'

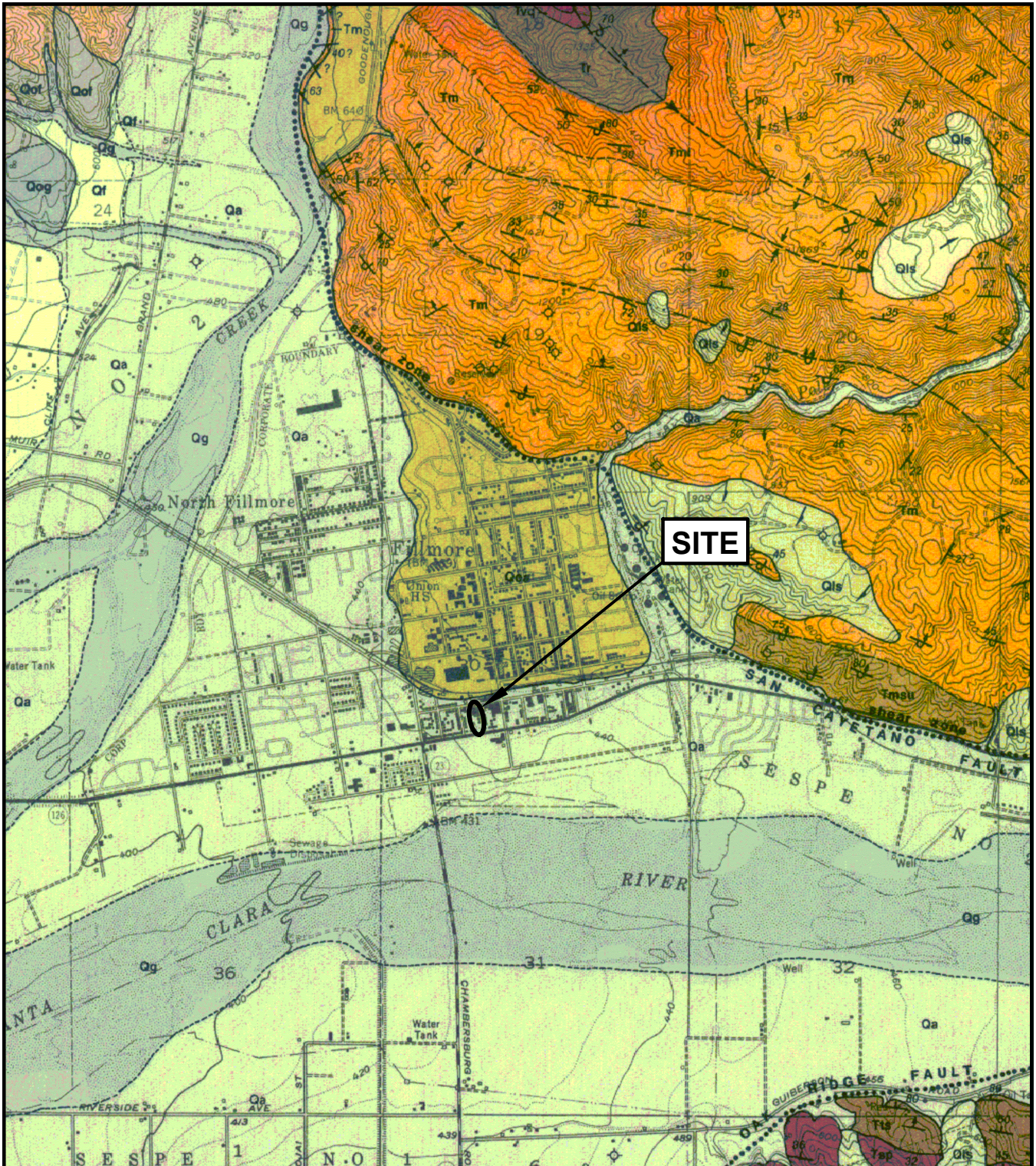


**EXISTING
SITE PLAN**

Peoples' Self-Help Housing
SWC of Palm and Santa Clara Streets
Fillmore, California

Client # 4894
Report # 10250

FIGURE 2



R □ □ □ □ □ □ □ □ □ □ D □ □ □ □ □ □ □ □ □ □ M □ □ □ □ □ □ □ □ □ □ r □ □ □ □ □ □ □ □ □ □



Scale: 1" = 1/2 mile

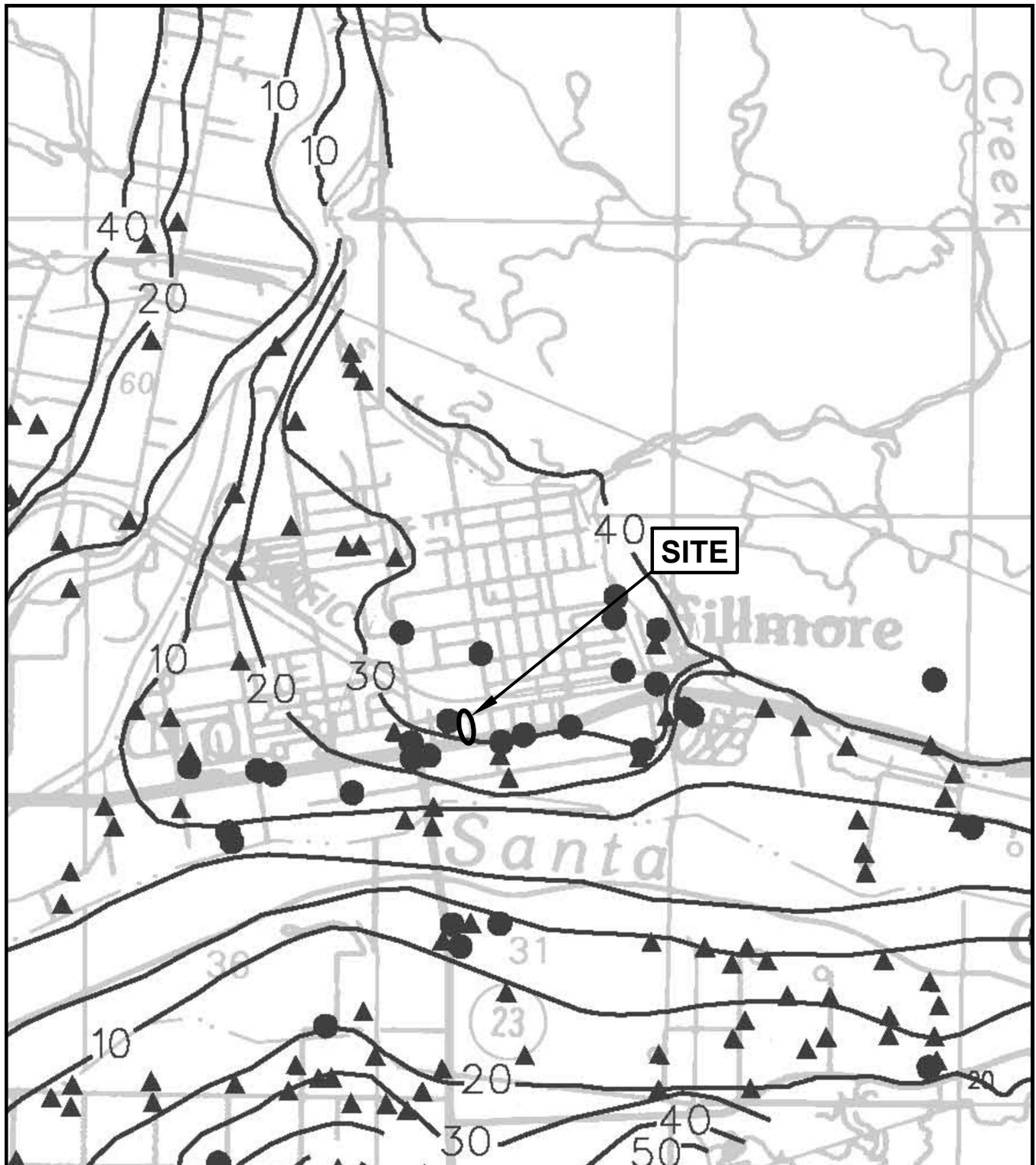


REGIONAL GEOLOGICAL MAP

Peoples' Self-Help Housing
SWC of Palm and Santa Clara Streets
Fillmore, California

Client # 4894
Report # 10250

FIGURE 3



R□□□□□□□□ C□S□2002 □SH□R 0□□



Scale: 1" = 1/2 mile

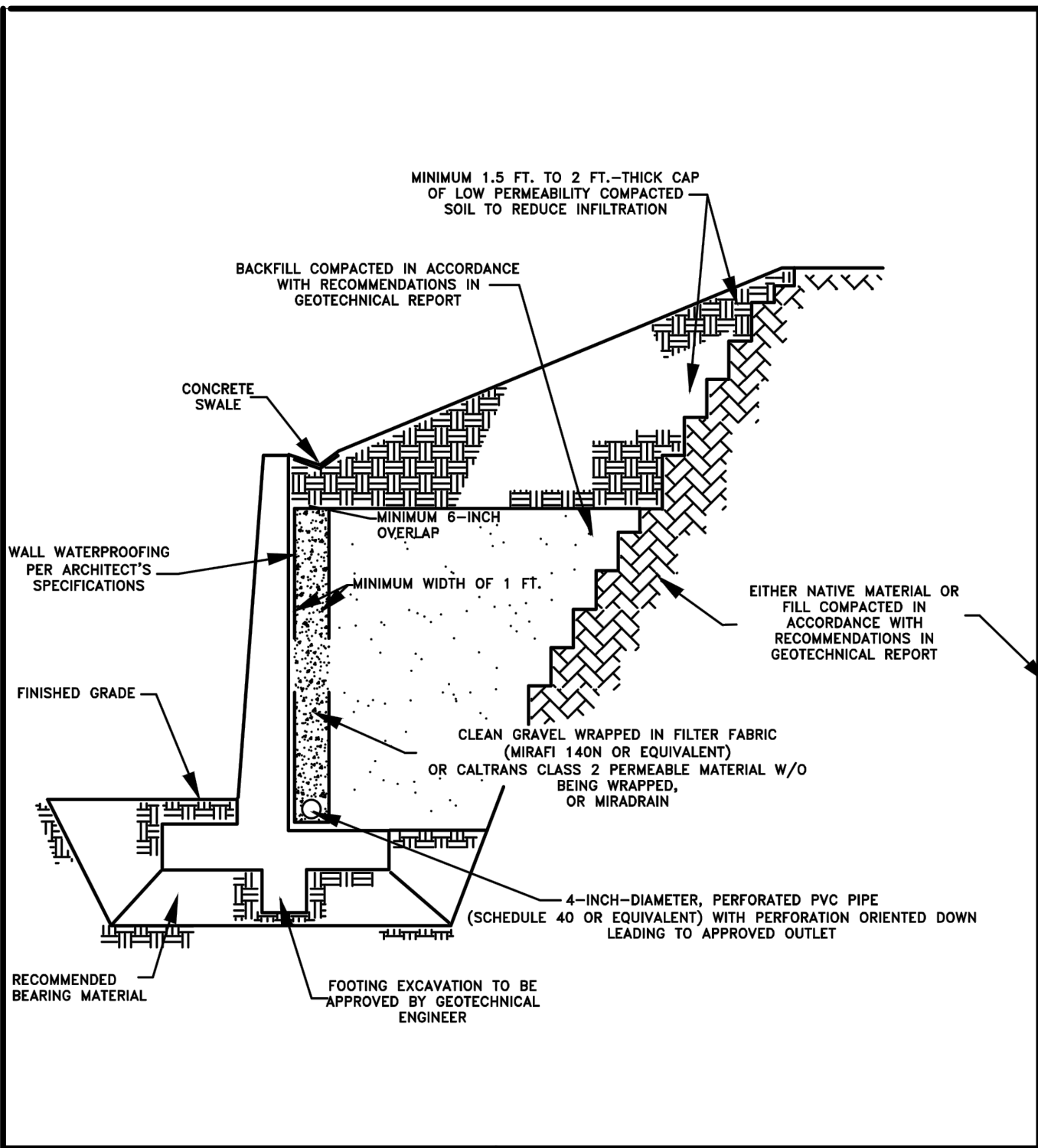


DEPTH TO HISTORICALLY HIGH GROUND WATER

Peoples' Self-Help Housing
SWC of Palm and Santa Clara Streets
Fillmore, California

Client # 4894
Report # 10250

FIGURE 5

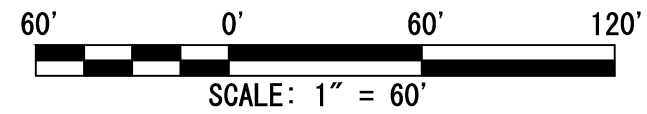


**TYPICAL RETAINING
WALL DRAINAGE DETAIL**

Peoples' Self-Help Housing SWC of Palm and Santa Clara Streets Fillmore, California	
Client # 4894 Report # 10250	FIGURE 7



ALTA SITE PLAN



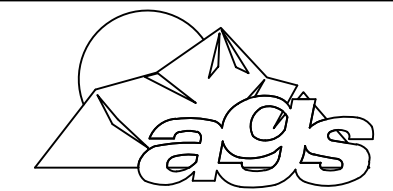
EXPLANATION



APPROXIMATE
LOCATION OF
EXPLORATORY
BORING



APPROXIMATE
LOCATION OF
PERCOLATION
BORING



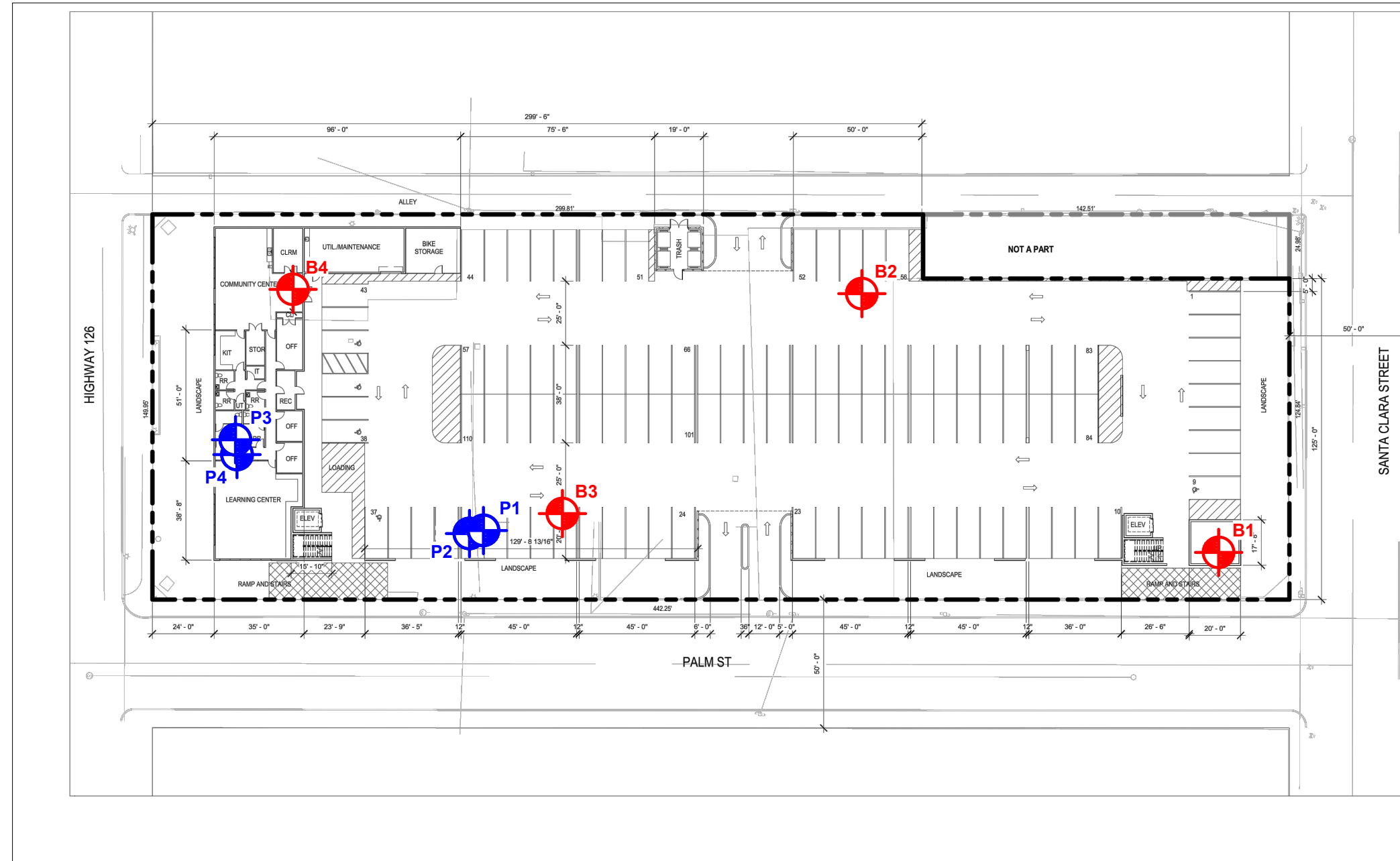
Advanced Geotechnical Services
5251 W. 5th Street
Cerritos, CA 90330
Tel: (562) 616-2000 Fax: (562) 616-1600

PEOPLES' SELF-HELP HOUSING

Geotechnical Engineering Study
Proposed Multi-Family Housing Dev.
SWC of Palm and Santa Clara Streets
Fillmore, California

Client No.	4894
Report No.	10250
Date	12/20/2018
Drawing No.	10250cn4894

PLATE
1



EXPLANATION

B4 APPROXIMATE
 LOCATION OF
 EXPLORATORY
 BORING

P4 APPROXIMATE
 LOCATION OF
 PERCOLATION
 BORING

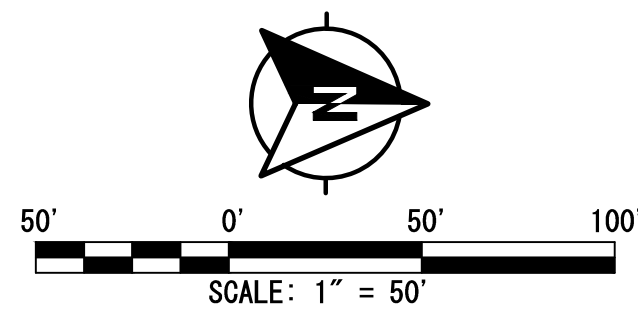
Advanced Geotechnical Services
 5251 Ardway West
 Concord, CA 94521
 (925) 361-6162

PEOPLES' SELF-HELP HOUSING

**Geotechnical Engineering Study
 Proposed Multi-Family Housing Dev.
 SWC of Palm and Santa Clara Streets
 Fillmore, California**

Client No.	4894	PLATE 2
Report No.	10250	
Date	12/20/2018	
Drawing No.	10250cn4894	

PROPOSED SITE PLAN

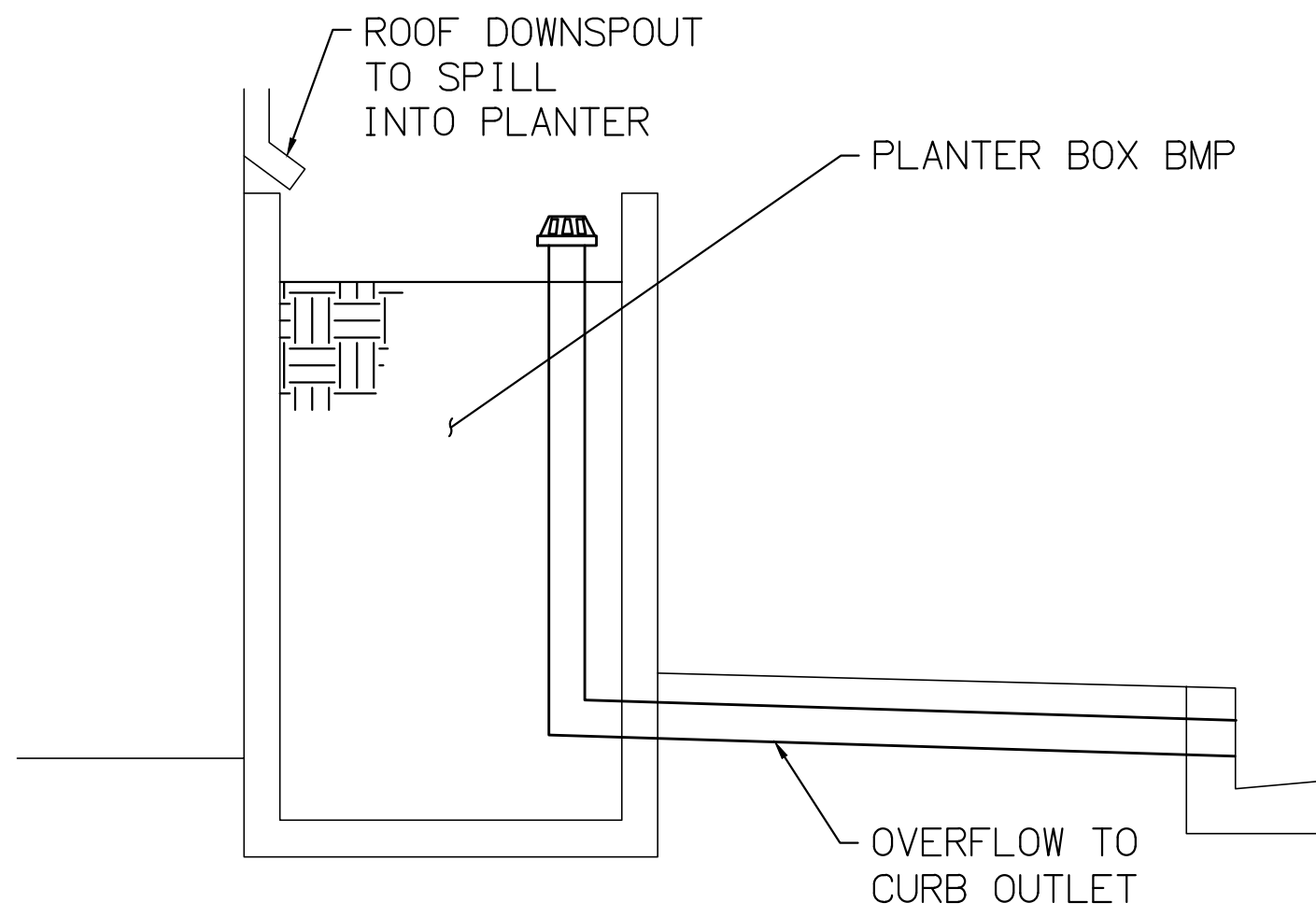




VICINITY MAP
NTS

UTILITIES:

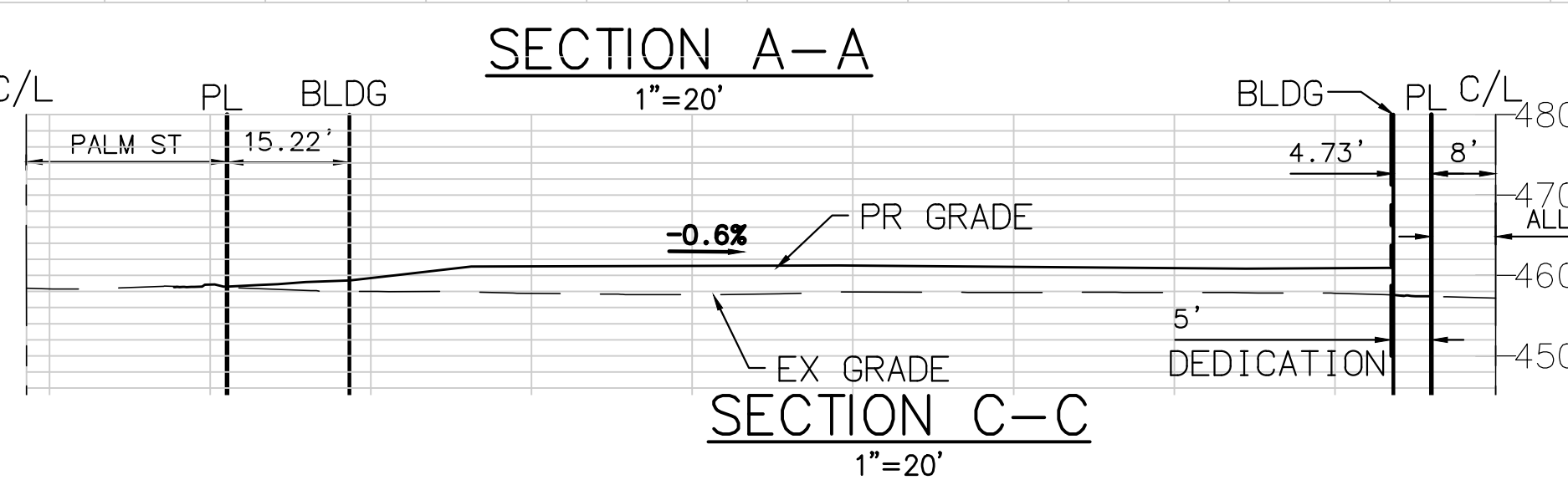
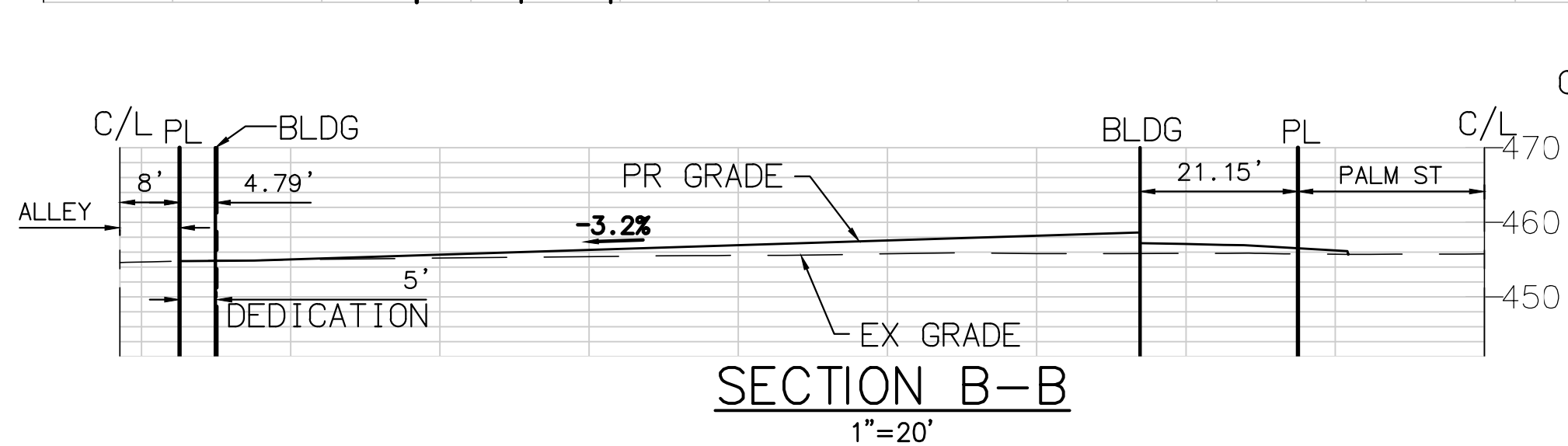
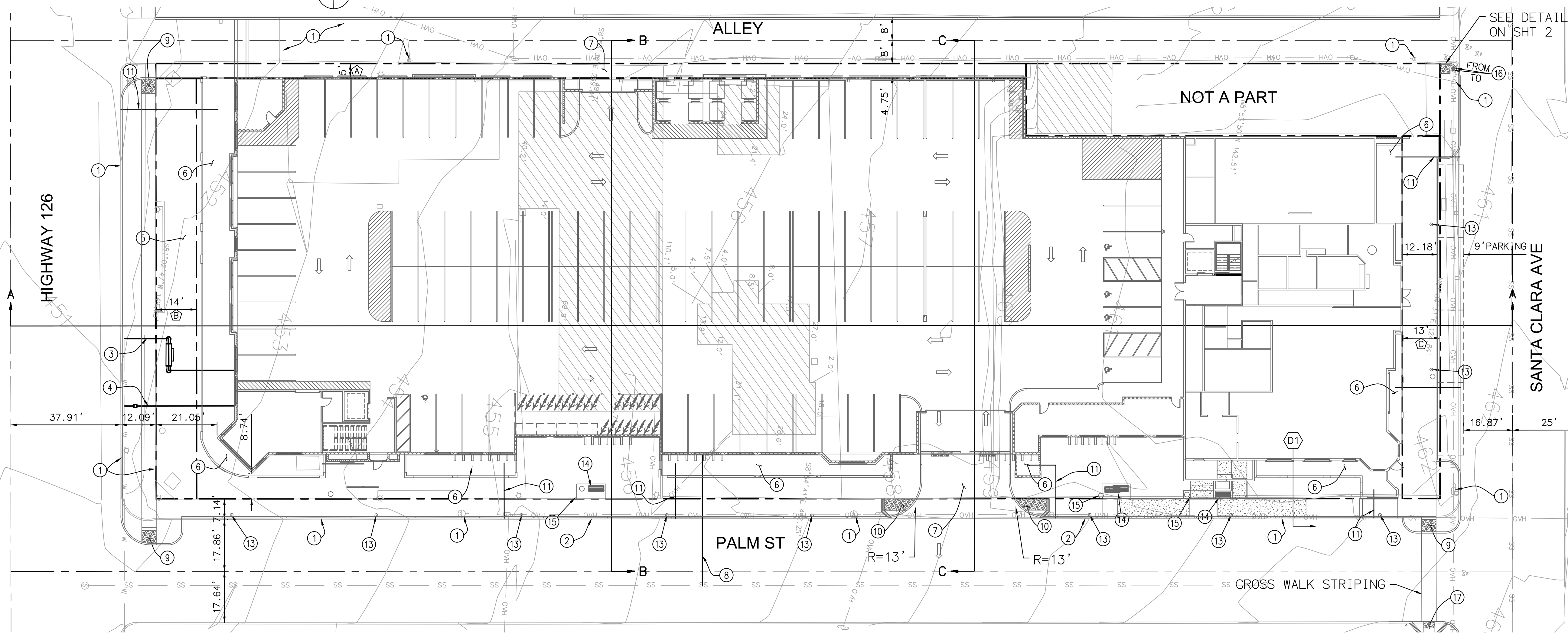
AT&T DISTRIBUTION	510-645-2929
CA RESOURCES CORP - VENTURA	805-232-9637
CRIMSON PIPELINE LP	866-351-7473
FILLMORE IRRIGATION COMPANY	805-746-7001
CITY OF FILLMORE	805-207-9241
CROWN CASTLE - LA & VENTURA	88-632-0931
SC GAS - VENTURA	800-427-2200
SPECTRUM - VENTURA	844-780-6054
UTILIQUEST FOR SCE DISTRICT - VENTURA	800-611-1911



DETAIL 1
1"=20'

CONSTRUCTION NOTES

- ① EXISTING TO REMAIN
- ② CLOSE EXISTING DRIVEWAY
- ③ 6" FIRE SERVICE
- ④ 2" DOMESTIC WATER SERVICE
- ⑤ LANDSCAPE
- ⑥ PLANTER BOX BMP PER DETAIL HEREON
- ⑦ DRIVEWAY
- ⑧ 6" SEWER LATERAL
- ⑨ CURB RAMP PER SPPWC 111-5, CASE D, TYPE 1
- ⑩ CURB RAMP PER SPPWC 111-5, CASE D, TYPE 2
- ⑪ 4" PLANTER DRAIN TO CURB OUTLET
- ⑫ STREET LIGHTS
- ⑬ STREET BENCHES PER ARCHITECT
- ⑭ TRASH RECEPTORS
- ⑮ RELOCATE HYDRANT
- ⑯ CURB RAMP PER CITY OF FILLMORE STD PLAN HC-5



PROJECT INFORMATION	
PROJECT NAME	FILLMORE TERRACE
OWNER/SUBDIVIDER	PEOPLE SELF HELP
ARCHITECT	LAUTERBACH AND ASSOCIATES 300 MONGOMERY AVE. OXNARD, CA 93036 (805) 988-0912 EDUARDO PLAZA
SOILS ENGINEER	ADVANCED GEOTECHNICAL SERVICES, INC 5251 VERDUGO WAY, SUITE L CAMARILLO, CA 93012 805.388.6162 SCOTT MOORE
THOMAS GUIDE	MAP PG 456-A6
FLOOD ZONE	ZONE X PER 060415 EFFECTIVE DATE JANUARY 20,2010
APN	053-0-093-010,020,035,040,160
EX ZONING	COMMERCIAL HIGHWAY, CENTRAL BUSINESS
EX DISTRICT	TRANSITIONAL
PROPOSED ZONING	CENTRAL BUSINESS
PROPOSED DISTRICT	TRANSITIONAL
GENERAL PLAN	
GRADING QUANTITIES	
CUT:	23 CU.YDS
FILL:	4660 CU.YDS
IMPORT:	4637 CU.YDS

LEGAL DESCRIPTION

PARCEL 1: 1,2,3,4,5,13 & 14, BLOCK 2 OF STOWE-GOODENOUGH SUBDIVISION, IN THE CITY OF FILLMORE, COUNTY OF VENTURA, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 5, PAGE 38 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

ASSESSOR'S PARCEL NO: 053-0-093-160

PARCEL 2: LOTS 18 THROUGH 25 INCLUSIVE, OF BLOCK 2 OF THE STOWE-GOODENOUGH SUBDIVISION, IN THE CITY OF FILLMORE, COUNTY OF VENTURA, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 5, PAGE 38 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPTING THEREFROM AS TO LOTS 20, 21, 7 THE EAST 10FT OF LOT 22, ALL MINERALS, TOGETHER WITH THE RIGHT TO DEVELOPMENT THE SAME, AS RESERVED BY W.S. MOSBARGER AND MARY MOSBARGER, HUSBAND AND WIFE IN DEED RECORDED DECEMBER 10, 1943 IN BOOK 569, PAGE 423 OF OFFICIAL RECORDS.

ASSESSOR'S PARCEL NO: 053-0-093-020,035,040

PARCEL 3: 15, 16, 17, BLOCK 2 OF STOWE-GOODENOUGH SUBDIVISION, IN THE CITY OF FILLMORE, COUNTY OF VENTURA, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 5, PAGE 38 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

ASSESSOR'S PARCEL NO: 053-0-093-010

DEDICATIONS

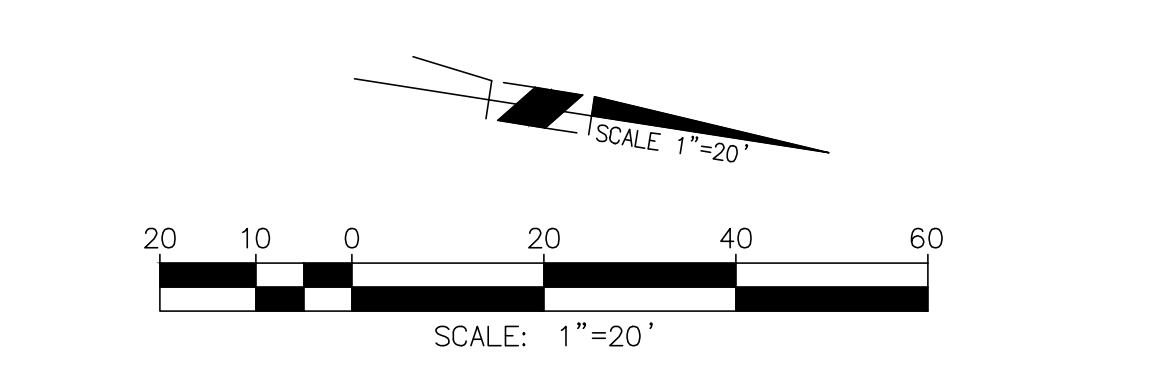
- (A) ALLEY DEDICATION (EX)
- (B) FEE TITLE DEDICATION TO THE CITY FOR FUTURE ROAD
- (C) IRREVOCABLE OFFER

GENERAL NOTES

REMOVE ALL DRIVEWAYS AND DAMAGED CURB AND REPLACE WITH NEW 6" CONCRETE CURB.

PROJECT STATISTICS			
LOTS	SQ FT	ACRES	LAND USE
1	66,289	1.52	RESIDENTIAL
R/W	0	0	RIGHT OF WAY
GROSS	66,289	1.52	
NET	66,289	1.52	

PARKING	
GARAGE PARKING	95
ADA PARKING	5
TOTAL	100
BUILDING FOOTPRINT	51,302 SF



PREPARED BY

DELANE ENGINEERING

2912 SANTA MONICA BLVD., SUITE 206
SANTA MONICA, CA 90404
PHONE: 310.546.5711 WWW.DELANEENGINEERING.COM

FOR: **FILLMORE TERRACE**
221 PALM ST, FILLMORE, CA 93015

SITE PLAN

OWNER/SUBDIVIDER
PEOPLE SELF HELP

SHEET 1

OF 2 SHEETS
PROJ. NUMBER: 10-10XXX
DRN BY: CS CK'D BY: SU

SAVE DATE: 10/30/20 12:00:00 PM



October 15, 2020

Mr. Brian McCarthy
City of Fillmore
Planning Department
250 Central Avenue
Fillmore, California 93015

LLG REFERENCE: 1-20-4399-1

SUBJECT: Fillmore Terrace Project – Summary of Transportation Review
City of Fillmore, California

Dear Brian:

Linscott, Law & Greenspan, Engineers (LLG) has prepared this letter report to summarize the transportation review conducted for the proposed Fillmore Terrace project (“proposed project” herein). This letter report summarizes the forecast trip generation, site access and circulation review (i.e., with respect to transit/pedestrian/bicycle circulation), and a qualitative vehicle miles traveled (VMT) screening assessment for the proposed project. The trip generation assessment includes a comparison of potential traffic generation between the proposed project and the potential (allowable) development program for the project site pursuant to the current adopted Zoning Ordinance and General Plan (GP) Housing Element, 2020.

Briefly, it is concluded that the proposed project is expected to result in only 13 additional vehicle trips (8 more inbound trips and 5 more outbound trips) during the weekday AM peak hour when compared with the potential (allowable) development program for the project site pursuant to the current adopted Zoning Ordinance and GP Housing Element. During the weekday PM peak hour, the proposed project is expected to result in 1 fewer vehicle trip (i.e., 3 fewer inbound vehicle trips and 2 more outbound trips) when compared with the potential (allowable) development program for the project site pursuant to the current adopted Zoning Ordinance and GP Housing Element. Over a typical 24-hour weekday, the proposed project is forecast to result in 63 fewer daily trip ends when compared with the current adopted Zoning Ordinance and GP Housing Element. As the proposed project is expected to generate fewer daily trips than under the current adopted Zoning Ordinance and GP, LLG has concluded that no further intersection analysis is required.

This transportation review includes a description of existing project site and existing street and transit system, a summary of the proposed project description, a summary of the proposed project trip generation forecasts (i.e., with and without a comparison to the potential [allowable] development program for the site pursuant to the current

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Traffic
Transportation
Parking

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Irvine
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Woodland Hills

Philip M. Linscott, PE (1924-2000)
William A. Law, PE (1921-2018)
Jack M. Greenspan, PE (Ret.)
Paul W. Wilkinson, PE (Ret.)
John P. Keating, PE
David S. Shender, PE
John A. Boarman, PE
Clare M. Look-Jaeger, PE
Richard E. Barretto, PE
Keil D. Maberry, PE
Walter B. Musial, PE
Kalyan C. Yellapu, PE

adopted Zoning Ordinance and GP Housing Element), a detailed review of project site access and circulation and a discussion of the qualitative VMT assessment.

EXISTING CONDITIONS/SETTING

The existing project site is located at 221 Palm Street in the City of Fillmore, California. The proposed project site is generally bordered by Santa Clara Street to the north, State Route (SR) 126 to the south, Palm Street to the east and the Palm-Olive alley to the west. However, the proposed project site does not include the furthest northwestern portion of the site, which is an existing substation. The project site, which is situated one block west of the Central Avenue/SR 126 intersection, is located just to the southwest of Downtown Fillmore.

The project site currently consists of five separate parcels and two zoning and general plan designations. The portion of the site fronting Santa Clara Street is zoned Central Business District-Transitional (CBD) and is located within the Downtown Specific Plan area. The remainder of the site consists of a Commercial Highway zoning designation and falls outside of the Downtown Specific Plan Boundary.

The existing project site is currently occupied by one single-family home, and commercial buildings and businesses that were on the project site have either been demolished or are vacant. The single-family home on the project site will be removed to allow development of the proposed project. The existing project site was previously accessed via a total of eight (8) curb cuts, including one (1) driveway on SR 126, six (6) driveways on Palm Street, and one (1) driveway on Santa Clara Street. The proposed project site boundary and general vicinity are shown in *Figure 1*. An aerial photograph of the existing project site and vicinity is displayed in *Figure 2*.

A summary of the roadway descriptions for those roadways located in closest proximity to the site is provided in *Table 1*. An illustration of the existing surrounding roadway system, types of intersection traffic control, crosswalk locations, existing Americans With Disabilities (ADA) access ramps located in the immediate project vicinity and existing transit amenities are shown in *Figure 3*.

A transit stop is located directly across from the project site on Santa Clara Street with service provided by Valley Express Transit Service and Ventura County Transportation Commission (VCTC) transit. The transit service currently provided in the vicinity of the project is summarized in *Table 2*. Amtrak offers service to communities without rail connection by thruway bus services. Thruway services are serviced by local intercity buses in order to connect the public to existing Amtrak stations.

PROJECT DESCRIPTION

The proposed project site comprises roughly 1.44 acres and is located at 221 Palm Street, in the City of Fillmore, California. As noted above, the project site comprises five separate parcels which are proposed to be merged in order to combine the five contiguous lots into a single parcel. The proposed project is characterized as a workforce housing development. The proposed project will be a deed restricted, 100% affordable housing community, and is planned to serve working class families and individuals earning 30% to 60% of Ventura County's Area Median Income. The land use is therefore summarized as follows:

- Affordable Family Apartments

The proposed project is planned to provide a total of 68 affordable residential dwelling units. The planned unit mix consists of 18 one-bedroom units, 32 two-bedroom units, and 18 three-bedroom units. The proposed project is being planned to create much-needed housing for working class families and individuals within the City of Fillmore and the greater Heritage Valley community. Ancillary administrative and learning center space is also proposed to be located within the proposed project.

Based on the preliminary site plan, direct access to the site is planned via one driveway located on the west side of Palm Street and via one access point on the adjacent alley. Primary vehicular access is envisioned to occur via the Palm Street driveway. It is noted that the reduction in curb cuts (i.e., removal of 5 curb cuts) on Palm Street and the removal of the curb cuts on Santa Clara Street and SR 126 will reduce turning movement conflicts.

Proposed Roadway Dedications

A 5-foot dedication is being planned along the existing alley which borders the project site to the west. Waste management services are envisioned to occur off of the alley and secondary access will be provided a new driveway off of the alley. The following roadway classifications are noted in the City's current GP:

- SR 126: Major Thoroughfare – Arterial (80' total right-of-way [40' half-width right-of-way] and 52' total roadway width [26' half-roadway width]).

The site plan shows a 14-foot dedication is being planned along SR-126, which exceeds the half-width right-of-way as required by the current GP.

- Santa Clara Street: Minor Thoroughfare – Commercial Industrial Street (76' total right-of-way [38' half-width right-of-way] and 52' total roadway width [26' half-roadway width]).

A 13-foot dedication is being planned along Santa Clara Street, and the dedication would comply with that required by the current GP. The GP standard also notes a total roadway width of 52' (curb-to-curb) or a half-roadway width of

26'. Currently, Santa Clara Street is 36' curb-to-curb (18' half-roadway width). It is important to note that all required roadway standards are measured from the roadway's centerline, which in the case of Santa Clara Street is located in the middle of the roadway. Therefore, the physical widening of Santa Clara Street to meet the 26' half-roadway width standard will be a formal condition of approval. *Appendix Figure A* and *Appendix Figure B* illustrate the changes that will be necessary to the site plan. In addition, as shown in *Appendix Figure A* the proposed bulb-out at the southwest corner of the Santa Clara Street/Palm Street intersection has been reduced to about half the size of the bulb-out shown on the site plan (which is to be revised).

No dedications are proposed along Palm Street frontage. A total of approximately 100 parking spaces is proposed.

Construction of the proposed project is planned to begin in year 2022 with completion and occupancy by year 2024 (i.e., project build-out year 2024). The ground floor project site plan for the proposed project is displayed in *Figure 4*.

PROJECT TRIP GENERATION

Traffic generation is expressed in vehicle trip ends, defined as one-way vehicular movements, either entering or exiting the generating land use. Based on industry standards and recent discussions, an existing use trip generation credit is applicable and thus is incorporated into the project trip generation forecast in order to account for trip generation associated with the existing single family home on the site which will be demolished with project construction.

Traffic volumes to be generated at the project site were forecast for the weekday AM and PM peak hours, and over a 24-hour period. Generation rates provided in the Institute of Transportation Engineers' (ITE) *Trip Generation Manual*¹ were utilized to forecast project traffic generation for the existing site use and the potential (allowable) development program (multi-family low-rise apartments) for the site pursuant to the current adopted Zoning Ordinance and General Plan Housing Element. Traffic volumes expected to be generated by the single family home and apartment land use components were based upon the following ITE trip generation average rates:

- ITE Land Use Code 210: Single Family Detached Housing
- ITE Land Use Code 220: Multi-Family Housing (Low-Rise)

The multi-family housing (mid-rise) trip generation rates employed for analysis purposes reflect a general urban/suburban area and no reductions due to transit have been assumed. As the ITE publication does not provide trip rates for a land use such

¹ Institute of Transportation Engineers *Trip Generation Manual*, 10th Edition, Washington, D.C., 2017.

as the proposed project's affordable housing residential land use component, it was deemed appropriate to forecast the trips expected to be generated by the affordable housing land use using trip rates published by City of Los Angeles Department of Transportation (LADOT) in the City's transportation assessment guidelines² which are directly applicable to the proposed project. The LADOT trip generation rates for affordable housing projects were developed based on vehicle trip count data collected at affordable housing sites in the City of Los Angeles during year 2016. The LADOT affordable housing trip rates include three different housing type categories: affordable family housing; affordable senior housing, and affordable special needs and supportive housing. In this instance, the affordable family housing category is directly applicable to the proposed project which will provide housing for permanent long-term tenants designed to enable individuals and families at risk of homelessness to ensure that they remain housed and live as independently as possible. LADOT's affordable family housing category trip rates are as follows:

Affordable Family Housing

- Average AM Peak Hour Trip Rate: 0.52 trips per dwelling unit; 38% inbound and 62% outbound
- Average PM Peak Hour Trip Rate: 0.38 trips per dwelling unit; 55% inbound and 45% outbound

The trip generation forecast for the proposed project is summarized in **Table 3**. As presented in **Table 3**, the proposed project is expected to generate 34 net new vehicle trips (13 inbound trips and 21 added outbound trips) during the weekday AM peak hour when compared with the current occupancy of the existing site (i.e., one single-family detached housing unit). During the weekday PM peak hour, the proposed project is expected to generate 25 net new vehicle trips (13 inbound trips and 12 outbound trips) when compared with the current occupancy of the existing site. Over a 24-hour basis, the proposed project is expected to generate a total of 274 net new daily vehicles trips.

Trip Generation Forecast Comparison: Proposed Project vs. Potential (Allowable) GP Development Program

The trip generation forecast comparing the proposed project to potential (allowable) development program (multi-family low-rise apartments) for the site pursuant to the current adopted Zoning Ordinance and GP Housing Element is also summarized in **Table 3**. As presented in **Table 3**, the proposed project is expected to result in 63 fewer daily trips when compared to the potential (allowable) development program (multi-family low-rise apartments) for the site pursuant to the current adopted Zoning

² *Transportation Assessment Guidelines*, City of Los Angeles Department of Transportation, July 2020.

Ordinance and GP Housing Element. Based on this comparison, 13 additional vehicle trips (8 inbound trips and 5 outbound trips) are expected during the weekday AM peak hour and 1 fewer vehicle trip (3 fewer inbound trips and 2 more outbound trips) are expected during the weekday PM peak hour.

VEHICLE MILES TRAVELED ASSESSMENT

History of Senate Bill (SB) 743

On September 27, 2013, Governor Jerry Brown signed Senate Bill (SB) 743 (Steinberg, 2013). Among other things, SB 743 created a process to change the way analysis of transportation impacts under CEQA is conducted. The Governor's Office of Planning and Research (OPR) was tasked to amend the CEQA Guidelines³ to provide an alternative to the traditional metric of automobile delay which would promote three statutory goals: the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses.

Under SB 743, the focus of transportation analysis pursuant to CEQA shifts from driver delay, or level of service, to reduction of vehicle miles traveled, reduction in greenhouse gas emissions, creation of multimodal networks and promotion of mixed-use developments. In December 2018, the California Natural Resources Agency certified and adopted amendments to the CEQA Guidelines implementing SB 743 with an implementation date of July 1, 2020, which has passed. OPR has provided recommendations regarding the screening of projects in the current *Technical Advisory for Evaluating Transportation Impacts in CEQA*⁴ (hereafter referred to as the *Technical Advisory*).

Project Screening Criteria

Lead agencies traditionally have set certain thresholds to determine whether a project requires transportation analysis or if a project could be expected to cause less than significant impacts without a detailed study. Typically, these thresholds were based on a project's peak hour trip generation forecast (e.g., if a project was expected to result in 50 or more weekday AM or PM peak hour vehicle trips). Under SB 743, this shifts to VMT methodology and a screening process to determine if a project will be required to conduct a detailed (quantitative) assessment of VMT. OPR's *Technical Advisory* includes several criteria for project screening purposes as summarized in the following paragraphs.

³ California Code of Regulations Title 14 "Natural Resources", Division 6 "Resources Agency", Chapter 3 "Guidelines for Implementation of the California Environmental Quality Act".

⁴ *Technical Advisory on Evaluating Transportation Impacts in CEQA*, Governor's Office of Planning and Research, December 2018.

Proximity to Transit Facilities

The CEQA Guidelines were amended to include section 15064.3, “Determining the Significance of Transportation Impacts”. Subsection (b)(1) states in part:

“Generally, projects within one-half mile of either an existing major transit stop or a stop along an existing high quality transit corridor should be presumed to cause a less than significant transportation impact.”

Pursuant to the statute, development projects may be screened out of VMT analysis based on proximity to certain transit facilities due to the presumption of less than significant impacts. The *Technical Advisory* reiterates this screening criteria, but also highlights certain project-specific or location-specific characteristics which may indicate the project will still generate “significant levels of VMT”, even when located within one-half mile of a major transit stop or a stop along a high-quality transit corridor. These characteristics relate to the project’s floor area ratio (FAR), parking supply, and number of dwelling units, as well as consistency with the applicable Sustainable Communities Strategy. If the project has any characteristics which indicate that the presumption of less than significant impacts as stated in the CEQA Guidelines may not be appropriate, the *Technical Advisory* recommends that the project should not be screened out of further VMT analysis. While the project site is located directly across the street from an existing bus stop within the City, this screening criteria is not met since the stop does not meet the specific definitions of a major transit stop or a stop along a high-quality transit corridor.

Small Projects

The *Technical Advisory* recommends that VMT analyses be conducted for projects which are forecast to generate 110 or more average daily trips. The CEQA Guidelines provide a categorical exemption for existing facilities, including additions to existing structures of up to 10,000 square feet⁵. OPR states that:

“Typical project types for which trip generation increases relatively linearly with building footprint (i.e., general office building, single tenant office building, office park, and business park) generate or attract an additional 110-124 trips per 10,000 square feet. Therefore, absent substantial evidence otherwise, it is reasonable to conclude that the addition of 110 or few trips could be considered not to lead to a significant impact.”

OPR reasons that projects which are forecast to generate fewer than 110 daily trips would be comparable to categorically exempt projects and could be presumed to cause less than significant impacts. It is noted that the proposed project is expected to result in 63 fewer daily trips when compared to the potential (allowable) development

⁵ CEQA Guidelines Section 15301, Subsection (e)(2).

program (multi-family low-rise apartments) for the site pursuant to the current adopted Zoning Ordinance and GP Housing Element.

Map Based Screening

OPR provides an additional screening methodology for residential and office land use projects. OPR guidance has noted that lead agencies may prepare maps based on a regional travel demand model or travel survey data to illustrate areas that are currently below the selected VMT threshold. OPR notes that if a project has similar characteristics to the existing area (i.e., density, mix of uses, transit service, etc.), it will tend to exhibit similar VMT. Therefore, if a project is fully located within an area identified as having a below-threshold VMT, it may be presumed to also have less than significant VMT impacts and be screened out from requiring a detailed VMT analysis.

Additional Screening Considerations

OPR provided additional recommendations on when the presumption of less than significant VMT impacts may be appropriate, in addition to the formally recommended screening criteria described above. For instance, the *Technical Advisory* cites research that supports the presumption of less than significant impacts for 100% affordable housing projects, on the basis that low-wage workers are more likely to choose housing close to their workplaces, thus reducing commute distances and VMT. OPR has deferred to the lead agency to determine what percentage or mix of affordable housing may qualify a residential project for the presumption of less than significant impacts. As the proposed project is 100% affordable, falls within the City's Downtown Specific Plan area, and is located directly adjacent to a bus stop within the City, a less than significant VMT impact is expected due to the development of the proposed project.

VMT Qualitative Assessment Conclusion

Based on OPR's *Technical Advisory* related to the small projects and additional screening criteria, a less than significant VMT impact is expected due to the development of the proposed project. A quantitative VMT assessment is not required to be performed since the project is expected to result in 63 fewer daily trips when compared to the potential (allowable) development program (multi-family low-rise apartments) for the site pursuant to the current adopted Zoning Ordinance and GP Housing Element, and is a 100% affordable housing project.

SITE ACCESS AND CIRCULATION REVIEW

This letter report summarizes LLG's review of the site access and circulation scheme planned for the proposed project as it relates to vehicular, pedestrian and bicycle circulation.

Vehicular Site Access and Circulation

Based on the preliminary site plan, direct access to the site is planned via one driveway located on the west side of Palm Street and via one access point on the alley which borders the project site to the west. Primary vehicular access is envisioned to occur via the Palm Street driveway and secondary access will be enhanced via a 5-foot dedication along the existing alley. As the project, assuming full occupancy, is only forecast to generate a total of 34 and 25 total net new weekday AM and PM peak hour trips, respectively, no access limitations are proposed for the Palm Street driveway. Thus, full access (i.e., left-turn and right-turn ingress and egress turning movements) will be provided at the primary Palm Street driveway.

Review of Loading Activities

Loading activities (e.g., associated with loading, trash collection and waste management) are envisioned to occur via the alley, as a trash receptacle area is designed to be located just north of the project's alley access point. The existing alley currently allows for two-way travel (i.e., northbound and southbound travel) between SR-126 and Santa Clara Street. While, the overall traffic volumes anticipated at the alley project access point are relatively low (i.e., roughly one entering or exiting vehicle every four [4] minutes, based on a conservative assumption of 40% assignment of the weekday AM peak hour vehicle generation of 35 vehicles to/from the alley driveway), it is recommended that the alley be converted to one-way northbound operation in order to better accommodate waste management truck access and circulation. Since it is likely that trash bins/dumpsters will be rolled out to the alley during collection periods, resulting in a temporary blockage of one direction of alley travel, the conversion to one-way northbound circulation would better facilitate circulation by allowing a motorist to by-pass a waste management truck when loading activities occur. This recommendation is further supported based on a maneuvering analysis associated with waste management truck circulation which was performed utilizing the AutoTurn software (refer to *Appendix Figure C*). Thus, the alley access point would be restricted to right-turn ingress and egress turning movements only.

Vehicular Site Access and Circulation Recommendations

In summary, as part of the recommendation alley one-way circulation conversion and driveway review, the following enhancements are recommended:

- Limit the SR-126/alley intersection to entry only, preferably via westbound right-turns only, to avoid potential queuing on eastbound SR-126.
- Install a stop bar/limit line and stop sign facing exiting (northbound) alley motorists, just south of the Santa Clara Street intersection and sidewalk.
- Install "DO NOT ENTER" sign facing motorists on Santa Clara Street just south of the Santa Clara Street intersection and sidewalk.

- Install a stop bar/limit line and stop sign facing exiting (eastbound) driveway motorists, just west of the Palm Street intersection and sidewalk.
- Install 25 feet of red curb (“No Parking) along the south side of Santa Clara Street, both east and west of the alley, in order to enhance exiting (northbound) alley motorist’s line of site of on-coming traffic.
- Install right-turn only signage and pavement legend (right-turn only arrow) and a stop bar/limit line and stop sign facing exiting alley driveway motorists to enforce the alley conversion to one-way northbound only travel.

In addition to the single formal loading space within the parking area, two on-street (curbside) loading/unloading spaces are also being planned by the Project Applicant in order to likely provide an additional area for use by future residents and tenants for purposes of move-in/move-out loading activities. Thus, a total of three (3) loading spaces are planned.

Pedestrian Access and Circulation

The development of the proposed project is expected to result in an increase in residents and as such generate additional pedestrian activity throughout the downtown area. Enhanced streetscape will also be provided adjacent to the site as part of the proposed project. The CBD area is expected to experience a higher level of pedestrian activity, particularly along the key corridors such as SR-126 and Central Avenue.

The proposed project is being designed to encourage pedestrian activity and walking as a transportation mode. As shown in *Figure 3* (which will be revised per comments shown in *Appendix Figure A*), the proposed project is being designed to provide connections to the adjacent public sidewalks and would include site enhancements to promote walkability. Walkability is a term for the extent to which walking is readily available as a safe, connected, accessible and pleasant mode of transport. There are several criteria that are widely accepted as key aspects of the walkability of urban areas that should be satisfied. The underlying principle is that pedestrians should not be delayed, diverted, or placed in danger. The widely accepted characteristics of walkability are as follows:

- **Connectivity:** People can walk from one place to another without encountering major obstacles, obstructions, or loss of connectivity.
- **Convivial:** Pedestrian routes are friendly and attractive, and are perceived as such by pedestrians.
- **Conspicuous:** Suitable levels of lighting, visibility and surveillance over its entire length, with high quality delineation and signage.

- **Comfortable:** High quality and well-maintained footpaths of suitable widths, attractive landscaping and architecture, shelter and rest spaces, and a suitable allocation of roadspace to pedestrians.
- **Convenient:** Walking is a realistic travel choice, partly because of the impact of the other criteria set forth above, but also because walking routes are of a suitable length as a result of land use planning with minimal delays.

A review of the project site location and pedestrian walkway network indicates that these five primary characteristics are accommodated as part of the proposed project. The project site is accessible from nearby public bus stops as well as other amenities along nearby major corridors. The majority of pedestrian access to the project site is envisioned to occur via the existing public sidewalks provided along the surrounding streets. Sidewalks along Palm Street and Santa Clara Street will be improved to meet ADA and City of Fillmore standards and street trees/landscaping will be provided to provide an enhanced environment for pedestrians and community residents. Complete street principles such as sidewalk design, amenities for bicyclists, and transit availability are being integrated into the design of the project. The site is also located just southwest of Fillmore's CBD which offers a variety of retail, restaurant, and entertainment opportunities. Further, the proposed project is planned to include common useable open and gathering space areas totaling approximately 13,500 square feet, contributing to a pedestrian-oriented environment for residents and any resident guests.

Based on a review of the project site plan, a corner bulb-out (i.e., roadway narrowing) is proposed at the southwest corner of the Palm Street/Santa Clara Street intersection and will be further refined in response to the required roadway widening along the Santa Clara Street project frontage (refer to *Appendix Figure A*). While LLG supports the crossing of the south leg of the intersection, a formal crosswalk is not recommended across either the east or west legs of the intersection. While there is an existing ADA ramp on the north side of Santa Clara Street at the east leg of the intersection near the senior center, since studies have shown that pedestrian/vehicle conflicts tend to occur more often within marked crosswalks at intersections when compared to at intersections with no marked crosswalks, a new crosswalk installation is not recommended across either the east or west legs of the intersection. In addition, no formal crosswalk across Santa Clara Street is proposed near the alley which borders a portion of the project site to the west.

Bicycle and Trail Circulation

Pursuant to the City's GP Circulation Element, the Ventura County Regional Trails & Pathways Program initiated the preparation of a Non-Motorized Transportation Plan in 1993. The Board of Supervisors accepted the plan in 1995. In 1996, the VCTC purchased the Southern Pacific Railroad right-of-way from the Montalvo junction to a location east of Piri. In 1997, VCTC began a process to develop a recreational trail

plan and was conducted in concert with the cities of Ventura, Santa Paula and Fillmore. *Figure C-7* of the City's General Plan shows the City-wide Bicycle Circulation System. In the project vicinity, A Street and Central Avenue are both designated bicycle routes and a bicycle path is shown along the former Southern Pacific Railroad right-of-way which is located to the north of the project site. The development of the Santa Paula Branch Line recreational trail through Fillmore represents the trail link between Fillmore and Ventura and points beyond. It also provides an important link to Fillmore's neighborhoods, the canyon areas and the river.

The Federal and State transportation system recognizes three primary bikeway facilities: Bicycle Paths (Class I), Bicycle Lanes (Class II), and Bicycle Routes (Class III). Bicycle Paths (Class I) are exclusive car free facilities that are typically not located within a roadway area. Bicycle Lanes (Class II) are part of the street design that is dedicated only for bicycles and identified by a striped lane separating vehicle lanes from bicycle lanes. Bicycle Routes (Class III) are preferably located on collector and lower volume arterial streets.

Use of bicycles as a transportation mode to and from the project site should be encouraged by the provision of ample and safe parking. The type of spaces and dimensions will be provided based on City Code requirements, as well as to meet the needs of a variety of bicycles. The bicycle spaces should be provided in a readily accessible location(s). Appropriate lighting will be provided to increase safety and provide theft protection during night-time parking.

SUMMARY AND CONCLUSIONS

Based on the above transportation review the following conclusions and recommendations are provided:

- Based on OPR's *Technical Advisory* related to the proximity to transit, small projects and additional screening criteria, a less than significant VMT impact is expected due to the development of the proposed project. A quantitative VMT assessment is not required to be performed since the project is expected to result in 63 fewer daily trips when compared to the potential (allowable) development program (multi-family low-rise apartments) for the site pursuant to the current adopted Zoning Ordinance and GP Housing Element, and is a 100% affordable housing project.
- Improvement Recommendations:
 - Limit the SR-126/alley intersection to entry only, preferably via westbound right-turns only, to avoid potential queuing on eastbound SR-126.

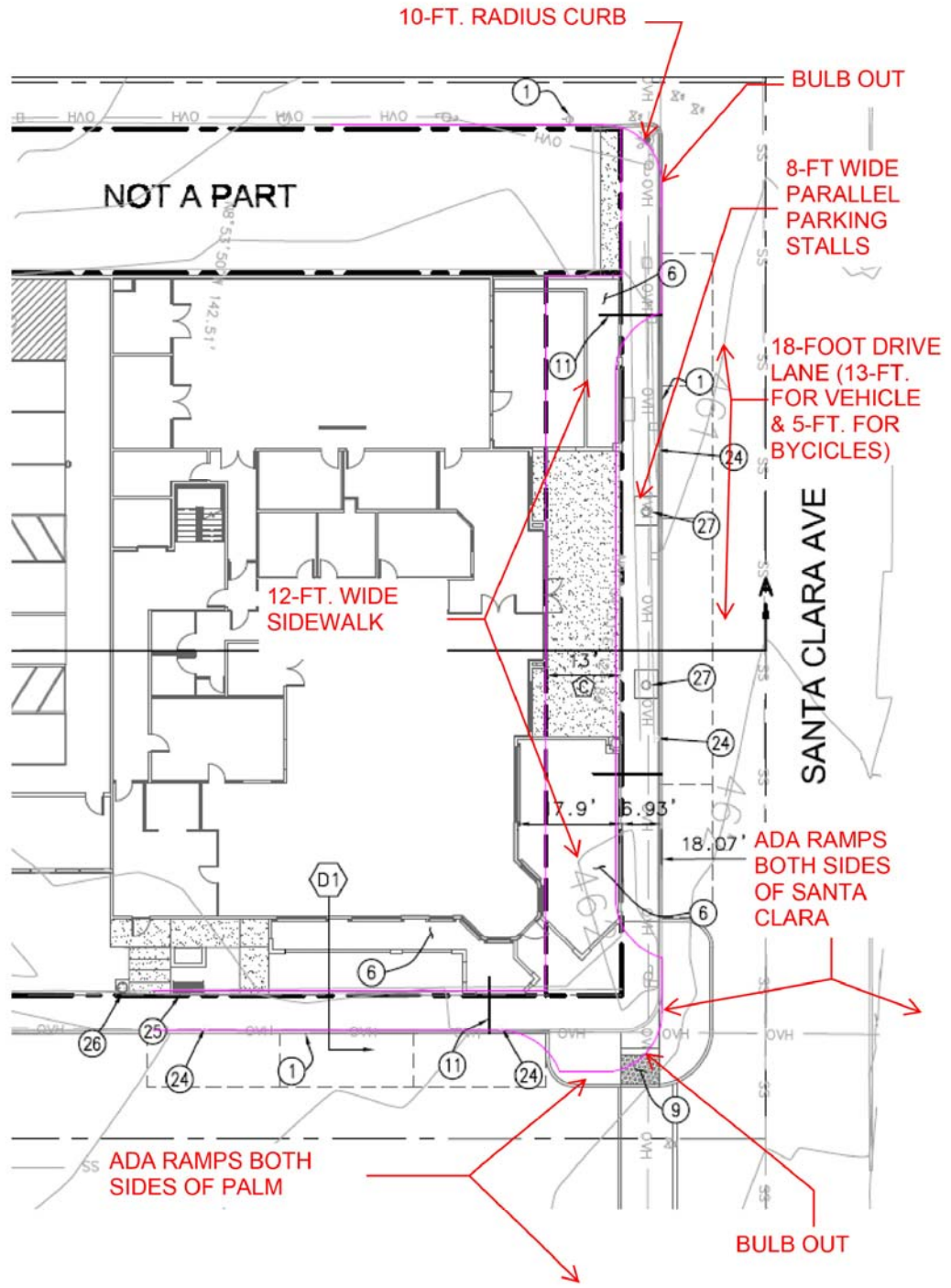


- Install a stop bar/limit line and stop sign facing exiting (northbound) alley motorists, just south of the Santa Clara Street intersection and sidewalk.
- Install “DO NOT ENTER” sign facing motorists on Santa Clara Street just south of the Santa Clara Street intersection and sidewalk.
- Install a stop bar/limit line and stop sign facing exiting (eastbound) driveway motorists, just west of the Palm Street intersection and sidewalk.
- Install 25 feet of red curb (“No Parking”) along the south side of Santa Clara Street, both east and west of the alley, in order to enhance exiting (northbound) alley motorist’s line of site of on-coming traffic.
- Install right-turn only signage and pavement legend (right-turn only arrow) and a stop bar/limit line and stop sign facing exiting alley driveway motorists to enforce the alley conversion to one-way northbound only travel.
- No formal crosswalk is recommended across Santa Clara Street.

Please feel free to call us with any questions or comments at 626.796.2322.

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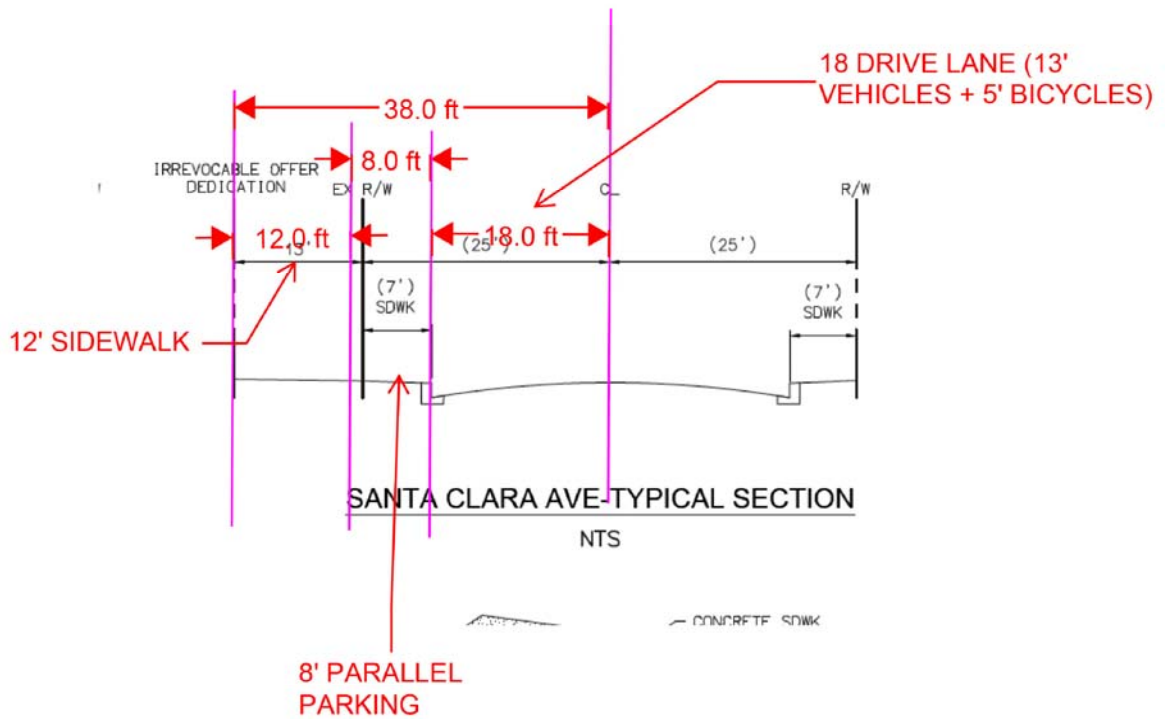
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SOURCE: CITY OF FILLMORE

APPENDIX FIGURE A SANTA CLARA STREET - CITY COMMENTS ON PROPOSED SITE PLAN

LINSCOTT, LAW & GREENSPAN, engineers

FILLMORE TERRACE PROJECT



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NOT TO SCALE

SOURCE: CITY OF FILLMORE

LINSCOTT, LAW & GREENSPAN, engineers

APPENDIX FIGURE B
 SANTA CLARA STREET
 CROSS SECTION
 FILLMORE TERRACE PROJECT

SEWER REPORT

FOR

FOR
**FILLMORE TERRACE
FILLMORE, CALIFORNIA**

Prepared for:

PEOPLE'S SELF HELP HOUSING

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PURPOSE OF REPORT

The purpose of this report is to demonstrate that the proposed onsite sewer system is adequately designed and meets the City of Fillmore design standards and that no offsite impacts are created that would require mitigation of those impacts.

LOCATION

The subject project is located at the north west corner of Highway 126 and Palm Street, bound on the north by Santa Clara Street and the west by an alley. APN: 053-0-093-010, 020, 035, 040, and 160.

PROJECT DESCRIPTION

The applicant proposes to develop several lots that total approximately 1.44 acres in size for Low Income housing. The proposed Improvement will consist of one building covering 51,302 SF and landscaping that will surround the building with proposed impervious areas covering 77% of the site that will be developed. The Project site is located in the Central Business District (CBD) land use area.

METHODOLOGY

The sewer analysis was initiated with research that included on-site investigations and a review of available existing and proposed utility plans.

Design criteria were obtained from the City of Fillmore Standard Specifications. Manning's Equation was primarily used in the calculations, with the aid of Flowmaster V8i, by Bentley Systems Inc.

Design Criteria:

1. Population = 2.5 persons/unit
2. Minimum Velocity = 2 ft/sec
3. Pipes are design to ½ full at Peak Flow.
4. Minimum lateral size is 6" @ 2% minimum slope based on 72 Units
5. Minimum Slope = 0.40% for 8" pipe, 2% for 6" pipe

ANALYSIS

The sewer network constructed for the Project has been divided into an Onsite and Offsite portion. Summary of the hydraulic analysis results for the Offsite pipe network are tabulated below.

The Project flow rate has been calculated based on the average flows presented in table 3.1 of the Wastewater Master Plan. An average flow per capita of 82 gpd was used with a project specific persons per household of 2.5. This results in an ERU of 205 gpd/unit and an average daily flow (ADF) of 14,760.

Flow rates are quantified and summarized in Table 1.1 below.

Table 1:1 Proposed Project Condition

Area Name	Dwelling Units	gpd / capita	Persons/Unit	ERU gpd/unit	ADF (gpd)
Total	68	82	2.5	205	13,940

Public Infrastructure Analysis

The Project falls within the CBD land use zone which anticipated 148 new residential dwelling units. Within this zone the maximum density is 50 units / acre, which equals the 68 units that are proposed. Utilizing the 300 gpd/ERU (equivalent residential unit) per Table 3.1 of the Wastewater Master Plan the flows anticipated in the 2025 condition would be 21,600 gpd.

Table 5.2 of the Fillmore Wastewater Master Plan shows that the pipes within basin 7, where the Project is located, have no capacity issues under the 2025 projection condition.

Hydraulic Analysis

Hydraulic Analysis was performed using Flowmaster by Bentley Systems Inc. The calculation method used is Manning's Equation. The sewer pipes proposed for this project is polyvinylchloride (PVC SDR-26), therefore a manning's n of 0.010 was used.

CONCLUSIONS

The proposed project will generate approximately 13,940 gpd of wastewater at its average daily flow. This is less than the than the amount that was expected from the existing use of the site based on the anticipated persons per unit for this project compared to the persons per unit assumed in the master plan study. If the project persons per unit was increased to the 3.56 persons per unit contemplated in the master plan study, the project will still be in line with the 21,600 gpd for average daily flow and no offsite impacts would be created by the project.

REFERENCES

- Fillmore – 2007 Wastewater Collection System Master Plan